FINAL PROGRAM ENVIRONMENTAL IMPACT REPORT

VOLUME I: REVISED DRAFT PEIR AND APPENDIX A

VOLUME II: REVISED DRAFT PEIR APPENDICES B THROUGH L

VOLUME III: FINAL EIR (RESPONSE TO COMMENTS)

GENERAL PLAN AND DEVELOPMENT CODE UPDATE

State Clearinghouse No. 2012061069

September 2014 | City of Clovis

VOLUME II

FINAL PROGRAM ENVIRONMENTAL IMPACT REPORT

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GENERAL PLAN AND DEVELOPMENT CODE UPDATE

State Clearinghouse No. 2012061069 | September 2014 | City of Clovis

VOLUME II

September 2014 | VOLUME II: REVISED DRAFT PEIR APPENDICES B THROUGH L

General Plan and Development Code Update Program EIR

City of Clovis

State Clearinghouse No. 2012061069

Prepared for:

City of Clovis
Contact: Dwight Kroll, AICP
Director of Planning and
Development Services
1033 Fifth Street
Clovis, CA 93612
559.324.2338

Prepared by:

PlaceWorks
Contact: JoAnn C. Hadfield
Principal, Environmental Services
3 MacArthur Place, Suite 1100
Santa Ana, California 92707
714.966.9220
info@placeworks.com
www.placeworks.com

PLACEWORKS

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STATE OF CALIFORNIA

GOVERNOR'S OFFICE *of* PLANNING AND RESEARCH

STATE CLEARINGHOUSE AND PLANNING UNIT

EDMUND G. BROWN JR.
GOVERNOR

KEN ALEX
DIRECTOR

Notice of Preparation

June 20, 2012

Received

JUN 25 2012

City of Clovis
Planning Dept.

To: Reviewing Agencies

Re: General Plan and Development Code Update
SCH# 2012061069

Attached for your review and comment is the Notice of Preparation (NOP) for the General Plan and Development Code Update draft Environmental Impact Report (EIR).

Responsible agencies must transmit their comments on the scope and content of the NOP, focusing on specific information related to their own statutory responsibility, within 30 days of receipt of the NOP from the Lead Agency. This is a courtesy notice provided by the State Clearinghouse with a reminder for you to comment in a timely manner. We encourage other agencies to also respond to this notice and express their concerns early in the environmental review process.

Please direct your comments to:

David E. Fey
City of Clovis
1033 Fifth Street
Clovis, CA 93615

with a copy to the State Clearinghouse in the Office of Planning and Research. Please refer to the SCH number noted above in all correspondence concerning this project.

If you have any questions about the environmental document review process, please call the State Clearinghouse at (916) 445-0613.

Sincerely,

Scott Morgan
Director, State Clearinghouse

Attachments
cc: Lead Agency

1400 10th Street P.O. Box 3044 Sacramento, California 95812-3044
(916) 445-0613 FAX (916) 323-3018 www.opr.ca.gov

Document Details Report
State Clearinghouse Data Base

SCH# 2012061069
Project Title General Plan and Development Code Update
Lead Agency Clovis, City of

Type NOP Notice of Preparation

Description The proposed project is an update to the City of Clovis General Plan and Development Code. The Clovis General Plan Update is intended to guide development within the Plan Area through 2035 and beyond, while the update to the Development Code is intended to consolidate and compile amendments adopted since the 1970s into a reorganized and reformatted document that also reflects changes to the General Plan. The General Plan Update involves a revision to the land use map and all elements except Housing, and adds a new Economic Development Element. The General Plan Update would consist of the following elements: Land Use, Circulation, Community Facilities (previously Public Facilities), Open Space/Conservation, Safety. Noise, Air Quality, and Economic Development. The Development Code Update would reflect the changes to the General Plan and the revised land use and zoning designations. The update would also compile existing information and past code amendments in an easy-to-reference manner; provide a procedures guide; update land uses to contemporary standards; and propose limited land use and development standard policy modifications.

Lead Agency Contact

Name David E. Fey
Agency City of Clovis
Phone 559 324 2338 **Fax**
email
Address 1033 Fifth Street
City Clovis **State** CA **Zip** 93615

Project Location

County Fresno
City Clovis
Region
Cross Streets Citywide
Lat / Long 36° 48' 30" N / 119° 42' .69" W
Parcel No.
Township **Range** **Section** **Base**

Proximity to:

Highways SR-68
Airports Fresno-Yosemite Int'l
Railways San Joaquin Valley
Waterways Friant-Kern Canal
Schools Various
Land Use Various

Project Issues Aesthetic/Visual; Agricultural Land; Air Quality; Archaeologic-Historic; Biological Resources; Drainage/Absorption; Economics/Jobs; Flood Plain/Flooding; Forest Land/Fire Hazard; Geologic/Seismic; Minerals; Noise; Population/Housing Balance; Public Services; Recreation/Parks; Schools/Universities; Septic System; Sewer Capacity; Soil Erosion/Compaction/Grading; Solid Waste; Toxic/Hazardous; Traffic/Circulation; Vegetation; Water Quality; Water Supply; Wetland/Riparian; Wildlife; Growth Inducing; Landuse; Cumulative Effects

Note: Blanks in data fields result from insufficient information provided by lead agency.

STATE OF CALIFORNIA

GOVERNOR'S OFFICE *of* PLANNING AND RESEARCH

STATE CLEARINGHOUSE AND PLANNING UNIT

EDMUND G. BROWN JR.
GOVERNOR

KEN ALEX
DIRECTOR

Notice of Preparation

June 20, 2012

To: Reviewing Agencies

Re: General Plan and Development Code Update
SCH# 2012061069

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Sincerely,

Scott Morgan
Director, State Clearinghouse

Attachments
cc: Lead Agency

1400 10th Street P.O. Box 3044 Sacramento, California 95812-3044
(916) 445-0613 FAX (916) 323-3018 www.opr.ca.gov

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Lead Agency Contact

Name David E. Fey
Agency City of Clovis
Phone 559 324 2338 **Fax**
email
Address 1033 Fifth Street
City Clovis **State** CA **Zip** 93615

Project Location

County Fresno
City Clovis
Region
Cross Streets Citywide
Lat / Long 36° 48' 30" N / 119° 42' .69" W
Parcel No.
Township **Range** **Section** **Base**

Proximity to:

Highways SR-68
Airports Fresno-Yosemite Int'l
Railways San Joaquin Valley
Waterways Friant-Kern Canal
Schools Various
Land Use Various

Project Issues Aesthetic/Visual; Agricultural Land; Air Quality; Archaeologic-Historic; Biological Resources; Drainage/Absorption; Economics/Jobs; Flood Plain/Flooding; Forest Land/Fire Hazard; Geologic/Seismic; Minerals; Noise; Population/Housing Balance; Public Services; Recreation/Parks; Schools/Universities; Septic System; Sewer Capacity; Soil Erosion/Compaction/Grading; Solid Waste; Toxic/Hazardous; Traffic/Circulation; Vegetation; Water Quality; Water Supply; Wetland/Riparian; Wildlife; Growth Inducing; Landuse; Cumulative Effects

Note: Blanks in data fields result from insufficient information provided by lead agency.

Reviewing Agencies	Resources Agency; Department of Conservation; Central Valley Flood Protection Board; Department of Parks and Recreation; Department of Water Resources; Department of Fish and Game, Region 4; Office of Emergency Management Agency, California; Native American Heritage Commission; Public Utilities Commission; Caltrans, Division of Aeronautics; California Highway Patrol; Department of Housing and Community Development; Caltrans, District 6; Regional Water Quality Control Bd., Region 5 (Fresno)

Date Received 06/20/2012 ***Start of Review*** 06/20/2012 ***End of Review*** 07/19/2012

Note: Blanks in data fields result from insufficient information provided by lead agency.

Notice of Completion & Environmental Document Transmittal

2012061069

Mail to: State Clearinghouse, P.O. Box 3044, Sacramento, CA 95812-3044, (916) 445-0613

For Hand Delivery/Street Address: 1400 Tenth Street, Sacramento, CA 95814

SCH #

Project Title: City of Clovis General Plan and Development Code Update

Lead Agency: City of Clovis | Contact Person: David E. Fey, Deputy City Planner

Street Address: 1033 Fifth Street | Phone: 559.324.2338

City: Clovis | Zip: 93615 | County: Fresno

Project Location: County: Fresno | City/Nearest Community: Clovis

Cross Streets: Citywide | Zip Code: Various

Lat./Long.: 36° 48' 30.00" N / 119° 42' 00.69" W | Total Acres: 43,569

Assessor's Parcel No.: NA | Section: NA | Twp: NA | Range: NA | Base: NA

Within 2 miles: State Hwy. #: SR-68 | Waterways: Friant-Kern Canal

Airports: Fresno-Yosemite International Airport | Railways: San Joaquin Valley Railroad | Schools: Various

RECEIVED
JUN 20 2012
STATE CLEARING HOUSE

Document Types:

CEQA: ☒ NOP ☐ Draft EIR ☐ Early Cons ☐ Supplement/Subsequent EIR ☐ Neg Dec (Prior SCH No.): ☐ Mit Neg Dec ☐ Other:

NEPA: ☐ NOI ☐ EA ☐ Draft EIS ☐ FONSI

OTHER: ☐ Joint Document ☐ Final Document ☐ Other:

Local Action Type:

☒ General Plan Update ☐ General Plan Amendment ☐ General Plan Element ☐ Community Plan
☐ Specific Plan ☐ Master Plan ☐ Planned Unit Development ☐ Site Plan
☐ Rezone ☐ Prezone ☐ Use Permit ☐ Land Division (Subdivision, etc.)
☐ Annexation ☐ Redevelopment ☐ Coastal Permit ☒ Other: Development Code Update

Development Type:

☐ Residential: Units ____ Acres ____
☐ Office Sq. Ft. ____ Acres ____ Employees ____
☐ Commercial: Sq. Ft. ____ Acres ____ Employees ____
☐ Industrial: Sq. Ft. ____ Acres ____ Employees ____
☐ Educational: ____
☐ Recreational: ____

☐ Water Facilities: Type ____ MGD ____
☐ Transportation: Type ____
☐ Mining: Mineral ____
☐ Power: Type ____ MW ____
☐ Waste Treatment: Type ____ MGD ____
☐ Hazardous Waste: Type ____
☐ Other: ____

Project Issues Discussed in Document:

☒ Aesthetic/Visual ☒ Agricultural Land ☒ Air Quality ☒ Archaeological/Historical ☒ Biological Resources ☐ Coastal Zone ☒ Drainage/Absorption ☒ Economic/Jobs
☐ Fiscal ☒ Flood Plain/Flooding ☒ Forest Land/Fire Hazard ☒ Geologic/Seismic ☒ Minerals ☒ Noise ☒ Population/Housing Balance ☒ Public Services/Facilities
☒ Recreation/Parks ☒ Schools/Universities ☒ Septic Systems ☒ Sewer Capacity ☒ Soil Erosion/Compaction/Grading ☒ Solid Waste ☒ Toxic/Hazardous ☒ Traffic/Circulation
☒ Vegetation ☒ Water Quality ☒ Water Supply/Groundwater ☒ Wetland/Riparian ☒ Wildlife ☒ Growth Inducing ☒ Land Use ☒ Cumulative Effects
☐ Other:

Present Land Use/Zoning/General Plan Designation: Various

Project Description: The proposed project is an update to the City of Clovis General Plan and Development Code. The Clovis General Plan Update is intended to guide development within the Plan Area through 2035 and beyond, while the update to the Development Code is intended to consolidate and compile amendments adopted since the 1970s into a reorganized and reformatted document that also reflects changes to the General Plan. The General Plan Update involves a revision to the land use map and all elements except Housing, and adds a new Economic Development Element. The General Plan Update would consist of the following elements: Land Use, Circulation, Community Facilities (previously Public Facilities), Open Space/Conservation, Safety, Noise, Air Quality, and Economic Development. The Development Code Update would reflect the changes to the General Plan and the revised land use and zoning designations. The update would also compile existing information and past code amendments in an easy-to-reference manner; provide a procedures guide; update land uses to contemporary standards; and propose limited land use and development standard policy modifications.

Note: The State Clearinghouse will assign identification numbers for all new projects. If a SCH number already exists for a project (e.g., Notice of Preparation or previous draft documents), please fill in.

January 2008

Resources Agency

- [x] Resources Agency
  Nadell Gayou
- [ ] Dept. of Boating & Waterways
  Nicole Wong
- [ ] California Coastal Commission
  Elizabeth A. Fuchs
- [ ] Colorado River Board
  Gerald R. Zimmerman
- [x] Dept. of Conservation
  Elizabeth Carpenter
- [ ] California Energy Commission
  Eric Knight
- [ ] Cal Fire
  Dan Foster
- [x] Central Valley Flood Protection Board
  James Herota
- [ ] Office of Historic Preservation
  Ron Parsons
- [x] Dept of Parks & Recreation
  Environmental Stewardship Section
- [ ] California Department of Resources, Recycling & Recovery
  Sue O'Leary
- [ ] S.F. Bay Conservation & Dev't. Comm.
  Steve McAdam
- [x] Dept. of Water Resources Resources Agency
  Nadell Gayou

Fish and Game

- [ ] Depart. of Fish & Game
  Scott Flint
  Environmental Services Division
- [ ] Fish & Game Region 1
  Donald Koch
- [ ] Fish & Game Region 1E
  Laurie Harnsberger
- [ ] Fish & Game Region 2
  Jeff Drongesen
- [ ] Fish & Game Region 3
  Charles Armor
- [x] Fish & Game Region 4
  Julie Vance
- [ ] Fish & Game Region 5
  Leslie Newton-Reed
  Habitat Conservation Program
- [ ] Fish & Game Region 6
  Gabrina Gatchel
  Habitat Conservation Program
- [ ] Fish & Game Region 6 I/M
  Brad Henderson
  Inyo/Mono, Habitat Conservation Program
- [ ] Dept. of Fish & Game M
  George Isaac
  Marine Region

Other Departments

- [ ] Food & Agriculture
  Sandra Schubert
  Dept. of Food and Agriculture
- [ ] Depart. of General Services
  Public School Construction
- [ ] Dept. of General Services
  Anna Garbeff
  Environmental Services Section
- [ ] Dept. of Public Health
  Bridgette Binning
  Dept. of Health/Drinking Water
- [ ] Delta Stewardship Council
  Kevan Samsam

Independent Commissions,Boards

- [ ] Delta Protection Commission
  Michael Machado
- [x] Cal EMA (Emergency Management Agency)
  Dennis Castrillo
- [x] Native American Heritage Comm.
  Debbie Treadway
- [x] Public Utilities Commission
  Leo Wong
- [ ] Santa Monica Bay Restoration
  Guangyu Wang
- [ ] State Lands Commission
  Jennifer Deleong
- [ ] Tahoe Regional Planning Agency (TRPA)
  Cherry Jacques

Business, Trans & Housing

- [x] Caltrans - Division of Aeronautics
  Philip Crimmins
- [ ] Caltrans - Planning
  Terri Pencovic
- [x] California Highway Patrol
  Suzann Ikeuchi
  Office of Special Projects
- [x] Housing & Community Development
  CEQA Coordinator
  Housing Policy Division

Dept. of Transportation

- [ ] Caltrans, District 1
  Rex Jackman
- [ ] Caltrans, District 2
  Marcelino Gonzalez
- [ ] Caltrans, District 3
  Bruce de Terra
- [ ] Caltrans, District 4
  Lisa Carboni
- [ ] Caltrans, District 5
  David Murray
- [x] Caltrans, District 6
  Michael Navarro
- [ ] Caltrans, District 7
  Dianna Walson
- [ ] Caltrans, District 8
  Dan Kopulsky
- [ ] Caltrans, District 9
  Gayle Rosander
- [ ] Caltrans, District 10
  Tom Dumas
- [ ] Caltrans, District 11
  Jacob Armstrong
- [ ] Caltrans, District 12
  Marlon Regisford

Cal EPA

Air Resources Board

- [ ] Airport/Energy Projects
  Jim Lerner
- [ ] Transportation Projects
  Douglas Ito
- [ ] Industrial Projects
  Mike Tollstrup
- [ ] State Water Resources Control Board
  Regional Programs Unit
  Division of Financial Assistance
- [ ] State Water Resources Control Board
  Student Intern, 401 Water Quality Certification Unit
  Division of Water Quality
- [ ] State Water Resouces Control Board
  Phil Crader
  Division of Water Rights
- [ ] Dept. of Toxic Substances Control
  CEQA Tracking Center
- [ ] Department of Pesticide Regulation
  CEQA Coordinator

Regional Water Quality Control Board (RWQCB)

- [ ] RWQCB 1
  Cathleen Hudson
  North Coast Region (1)
- [ ] RWQCB 2
  Environmental Document Coordinator
  San Francisco Bay Region (2)
- [ ] RWQCB 3
  Central Coast Region (3)
- [ ] RWQCB 4
  Teresa Rodgers
  Los Angeles Region (4)
- [ ] RWQCB 5S
  Central Valley Region (5)
- [x] RWQCB 5F
  Central Valley Region (5)
  Fresno Branch Office
- [ ] RWQCB 5R
  Central Valley Region (5)
  Redding Branch Office
- [ ] RWQCB 6
  Lahontan Region (6)
- [ ] RWQCB 6V
  Lahontan Region (6)
  Victorville Branch Office
- [ ] RWQCB 7
  Colorado River Basin Region (7)
- [ ] RWQCB 8
  Santa Ana Region (8)
- [ ] RWQCB 9
  San Diego Region (9)

- [ ] Other _____

- [ ] _____
  Conservancy

Last Updated 5/24/2012

NATIVE AMERICAN HERITAGE COMMISSION
915 CAPITOL MALL, ROOM 364
SACRAMENTO, CA 95814
(916) 653-6251
Fax (916) 657-5390
Web Site www.nahc.ca.gov
ds_nahc@pacbell.net

Received
JUN 25 2012
City of Clovis
Planning Dept.

June 22, 2012

Mr. David Fry, Planner
City of Clovis
1033 Fifth Street
Clovis, CA 93615

Re: SCH#2012061069; CEQA Notice of Preparation (NOP); draft Environmental Impact Report (DEIR) for the **"General Plan and Development Code Update Project;"** located in the City of Clovis; Fresno County, California.

Dear Mr. Fry:

The Native American Heritage Commission (NAHC), the State of California 'Trustee Agency' for the protection and preservation of Native American cultural resources pursuant to California Public Resources Code §21070 and affirmed by the Third Appellate Court in the case of EPIC v. Johnson (1985: 170 Cal App. 3rd 604).

This letter includes state and federal statutes relating to Native American historic properties of religious and cultural significance to American Indian tribes and interested Native American individuals as 'consulting parties' under both state and federal law. State law also addresses the freedom of Native American Religious Expression in Public Resources Code §5097.9.

The California Environmental Quality Act (CEQA – CA Public Resources Code 21000-21177, amendments effective 3/18/2010) requires that any project that causes a substantial adverse change in the significance of an historical resource, that includes archaeological resources, is a 'significant effect' requiring the preparation of an Environmental Impact Report (EIR) per the CEQA Guidelines defines a significant impact on the environment as 'a substantial, or potentially substantial, adverse change in any of physical conditions within an area affected by the proposed project, including ...objects of historic or aesthetic significance." In order to comply with this provision, the lead agency is required to assess whether the project will have an adverse impact on these resources within the 'area of potential effect (APE), and if so, to mitigate that effect. The NAHC did conduct a Sacred Lands File (SLF) search within the 'area of potential effect (APE} and Native American cultural resources were not identified in the project area specified.

The NAHC "Sacred Sites,' as defined by the Native American Heritage Commission and the California Legislature in California Public Resources Code §§5097.94(a) and 5097.96. Items in the NAHC Sacred Lands Inventory are confidential and exempt from the Public Records Act pursuant to California Government Code §6254 (r).

Early consultation with Native American tribes in your area is the best way to avoid unanticipated discoveries of cultural resources or burial sites once a project is underway. Culturally affiliated tribes and individuals may have knowledge of the religious and cultural significance of the historic properties in the project area (e.g. APE). We strongly urge that you make contact with the list of Native American Contacts on the attached list of Native American

contacts, to see if your proposed project might impact Native American cultural resources and to obtain their recommendations concerning the proposed project. Pursuant to CA Public Resources Code § 5097.95, the NAHC requests cooperation from other public agencies in order that the Native American consulting parties be provided pertinent project information. Consultation with Native American communities is also a matter of environmental justice as defined by California Government Code §65040.12(e). Pursuant to CA Public Resources Code §5097.95, the NAHC requests that pertinent project information be provided consulting tribal parties. The NAHC recommends *avoidance* as defined by CEQA Guidelines §15370(a) to pursuing a project that would damage or destroy Native American cultural resources and Section 2183.2 that requires documentation, data recovery of cultural resources.

Furthermore, the NAHC if the proposed project is under the jurisdiction of the statutes and regulations of the National Environmental Policy Act (e.g. NEPA; 42 U.S.C. 4321-43351). Consultation with tribes and interested Native American consulting parties, on the NAHC list, should be conducted in compliance with the requirements of federal NEPA and Section 106 and 4(f) of federal NHPA (16 U.S.C. 470 *et seq*), 36 CFR Part 800.3 (f) (2) & .5, the President's Council on Environmental Quality (CSQ, 42 U.S.C 4371 *et seq.* and NAGPRA (25 U.S.C. 3001-3013) as appropriate. The 1992 *Secretary of the Interiors Standards for the Treatment of Historic Properties* were revised so that they could be applied to all historic resource types included in the National Register of Historic Places and including cultural landscapes. Also, federal Executive Orders Nos. 11593 (preservation of cultural environment), 13175 (coordination & consultation) and 13007 (Sacred Sites) are helpful, supportive guides for Section 106 consultation. The aforementioned Secretary of the Interior's *Standards* include recommendations for all 'lead agencies' to consider the historic context of proposed projects and to "research" the cultural landscape that might include the 'area of potential effect.'

Confidentiality of "historic properties of religious and cultural significance" should also be considered as protected by California Government Code §6254(r) and may also be protected under Section 304 of he NHPA or at the Secretary of the Interior discretion if not eligible for listing on the National Register of Historic Places. The Secretary may also be advised by the federal Indian Religious Freedom Act (cf. 42 U.S.C., 1996) in issuing a decision on whether or not to disclose items of religious and/or cultural significance identified in or near the APEs and possibility threatened by proposed project activity.

Furthermore, Public Resources Code Section 5097.98, California Government Code §27491 and Health & Safety Code Section 7050.5 provide for provisions for inadvertent discovery of human remains mandate the processes to be followed in the event of a discovery of human remains in a project location other than a 'dedicated cemetery'.

To be effective, consultation on specific projects must be the result of an ongoing relationship between Native American tribes and lead agencies, project proponents and their contractors, in the opinion of the NAHC. Regarding tribal consultation, a relationship built around regular meetings and informal involvement with local tribes will lead to more qualitative consultation tribal input on specific projects.

Finally, when Native American cultural sites and/or Native American burial sites are prevalent within the project site, the NAHC recommends 'avoidance' of the site as referenced by CEQA Guidelines Section 15370(a).

2.

If you have any questions about this response to your request, please do not hesitate to contact me at (916) 653-6251.

Sincerely,

Dave Singleton
Program Analyst

Cc: State Clearinghouse

Attachment: Native American Contact List

Native American Contacts
Fresno County
June 22, 2012

Big Sandy Rancheria of Mono Indians
Liz Hutchins Kipp, Chairperson
P.O. Box 337 / 37302 Western Mono
Auberry , CA 93602
ck@bigsandyrancheria.com
(559) 855-4003
(559) 855-4129 Fax

Choinumni Tribe; Choinumni/Mono
Lorrie Planas
2736 Palo Alto Choinumni
Clovis , CA 93611 Mono

Cold Springs Rancheria of Mono Indians
Robert Marquez, Chairperson
P.O. Box 209 Mono
Tollhouse , CA 93667
(559) 855-5043
559-855-4445 - FAX

Table Mountain Rancheria
Bob Pennell, Cultural Resources Director
P.O. Box 410 Yokuts
Friant , CA 93626-0177
(559) 325-0351
(559) 217-9718 - cell
(559) 325-0394 FAX

Dumna Wo-Wah Tribal Goverment
Robert Ledger SR., Tribal Chairperson
2216 East Hammond Street Dumna/Foothill
Fresno , CA 93602 Mono
ledgerrobert@ymail.com
559-519-1742 - office

Kings River Choinumni Farm Tribe
John Davis, Chairman
1064 Oxford Avenue Foothill Yokuts
Clovis , CA 93612-2211 Choinumni
(559) 307-6430

Sierra Nevada Native American Coalition
Lawrence Bill, Interim Chairperson
P.O. 125 Mono
Dunlap , CA 93621 Foothill Yokuts
(559) 338-2354 Choinumni

Dunlap Band of Mono Historical Preservation Soc
Mandy Marine, Board Chairperson
P.O Box 18 Mono
Dunlap , CA 93621
mandy_marine@hotmail.
com
559-274-1705

This list is current only as of the date of this document.

Distribution of this list does not relieve any person of the statutory responsibility as defined in Section 7050.5 of the Health and Safety Code, Section 5097.94 of the Public Resources Code and Section 5097.98 of the Public Resources Code.

This list is applicable for contacting local Native Americans with regard to cultural resources for the proposed SCH#2012061069; CEQA Noyice of Preparation draft Enviornmental Impact Report (DEIR) for the General Plan and Development Code Update; located in the City of Clovis; Fresno County, California.

Native American Contacts
Fresno County
June 22, 2012

Chowchilla Tribe of Yokuts
Jerry Brown
10553 N. Rice Road
Fresno , CA 93720
559-434-3160
North Valley Yokuts

Dumna Wo-Wah Tribal Goverment
Eric Smith, Cultural Resource Manager
2216 East Hammond Street
Fresno , CA 93602
nuem2007@yahoo.com
559-519-1742 - office
Dumna/Foothill Mono

The Choinumni Tribe of Yokuts
Rosemary Smith, Chairperson
1505 Barstow
Clovis , CA 96311
monoclovis@yahoo.com
Choinumni
Foothill YoKut

Dumna Wo-Wah Tribal Goverment
John Ledger, Assistant Cultural Resource Manage
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559-519-1742 - office
Dumna/Foothill Mono

Traditional Choinumni Tribe
David Alvarez, Chairperson
2415 E. Houston Avenue
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(559) 323-6231
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Choinumni

Santa Rosa Tachi Rancheria
Lalo Franco, Cultural Coordinator
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Lemoore , CA 93245
(559) 924-1278 - Ext. 5
(559) 924-3583 - FAX
Tachi
Tache
Yokut

This list is current only as of the date of this document.

Distribution of this list does not relieve any person of the statutory responsibility as defined in Section 7050.5 of the Health and Safety Code, Section 5097.94 of the Public Resources Code and Section 5097.98 of the Public Resources Code.

This list is applicable for contacting local Native Americans with regard to cultural resources for the proposed SCH#2012061069; CEQA Noyice of Preparation draft Enviornmental Impact Report (DEIR) for the General Plan and Development Code Update; located in the City of Clovis; Fresno County, California.

San Joaquin Valley
AIR POLLUTION CONTROL DISTRICT

HEALTHY AIR LIVING™

July 2, 2012

Received

JUL 5 2012

City of Clovis
Planning Dept.

David Fey
City of Clovis
Planning Department
1033 Fifth Street
Clovis, CA 93612

Project: Notice of Preparation of an Environmental Impact Report for the City of Clovis General Plan and Development Code Update

District Reference No: 20120374

Dear Mr. Fey:

The San Joaquin Valley Unified Air Pollution Control District (District) has reviewed the subject project and offers the following comments:

1. The City of Clovis General Plan and Development Code Update itself will not have an impact on air quality. However, future development will contribute to the overall decline in air quality due to increased traffic and ongoing operational emissions. New development may require further environmental review and mitigation. The District makes the following recommendations regarding future development:

   A. Accurate quantification of health risks and operational emissions requires detailed site specific information, e.g. type of emission source, proximity of the source to sensitive receptors, and trip generation information. The required level of detail is typically not available until project specific approvals are being granted. Thus, the District recommends that potential health risks be further reviewed when approving future projects, including those that would be exempt from CEQA requirements. Specific consideration should be given when approving projects that could expose sensitive receptors to toxic air contaminants (TACs). If the analysis indicates that TACs are a concern, the District recommends that a Health Risk Assessment (HRA) be performed. If an HRA is to be performed, it is recommended that the project proponent contact the District to review the proposed modeling approach. If there are questions regarding health risk assessments, please contact Mr. Leland Villalvazo, Supervising Air Quality Specialist, at hramodeler@valleyair.org. Additional information on TACs

Seyed Sadredin
Executive Director/Air Pollution Control Officer

Northern Region
4800 Enterprise Way
Modesto, CA 95356-8718
Tel: (209) 557-6400 FAX: (209) 557-6475

Central Region (Main Office)
1990 E. Gettysburg Avenue
Fresno, CA 93726-0244
Tel: (559) 230-6000 FAX: (559) 230-6061

Southern Region
34946 Flyover Court
Bakersfield, CA 93308-9725
Tel: 661-392-5500 FAX: 661-392-5585

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can be found online by visiting the District's website at http://www.valleyair.org/busind/pto/Tox_Resources/AirQualityMonitoring.htm.

B. Construction Emissions – Construction emissions will have a potentially significant impact on air quality but with mitigation these impacts from construction exhaust would be reduced to a less than significant impact. Feasible mitigation of construction exhaust emission includes use of construction equipment powered by engines meeting, at a minimum, Tier II emission standards, as set forth in §2423 of Title 13 of the California Code of Regulations, and Part 89 of Title 40 Code of Federal Regulations. The District recommends incorporating, as a condition of project approval, a requirement that off-road construction equipment used on site achieve fleet average emissions equal to or less than the Tier II emissions standard of 4.8 NOx g/hp-hr. This can be achieved through any combination of uncontrolled engines and engines complying with Tier II and above engine standards.

C. Individual development projects would be subject to District Rule 9510 (Indirect Source Review) if upon full build-out the project would include or exceed any one of the following:

- 50 dwelling units
- 2,000 square feet of commercial space;
- 25,000 square feet of light industrial space;
- 100,000 square feet of heavy industrial space;
- 20,000 square feet of medical office space;
- 39,000 square feet of general office space; or
- 9,000 square feet of educational space; or
- 10,000 square feet of government space; or
- 20,000 square feet of recreational space; or
- 9,000 square feet of space not identified above

The District recommends that demonstration of compliance with District Rule 9510, before issuance of the first building permit for each project phase including payment of all applicable fees. Information about how to comply with District Rule 9510 can be found online at: http://www.valleyair.org/ISR/ISRHome.htm.

D. Individual development projects may also be subject to the following District rules: Regulation VIII, (Fugitive PM10 Prohibitions), Rule 4102 (Nuisance), Rule 4601 (Architectural Coatings), and Rule 4641 (Cutback, Slow Cure, and Emulsified Asphalt, Paving and Maintenance Operations). In the event an existing building will be renovated, partially demolished or removed, the project may be subject to District Rule 4002 (National Emission Standards for Hazardous Air Pollutants).

E. The above list of rules is neither exhaustive nor exclusive. To identify other District rules or regulations that apply to this project or to obtain information about

District permit requirements, the applicant is strongly encouraged to contact the District's Small Business Assistance Office at (559) 230-5888. Current District rules can be found online at: www.valleyair.org/rules/1ruleslist.htm.

2. The General Plan is the blueprint for future growth and provides guidance for the community's development. The District is currently designated as extreme non-attainment of the federal national ambient air quality standard for ozone and non-attainment for PM2.5. Given the size of the project, it is reasonable to conclude that mobile source emissions resulting from growth and development would have significant impacts on air quality. To reduce the project related impacts on air quality the General Plan should include design standards that reduce vehicle miles traveled (VMT). VMT can be reduced through encouragement of mixed-use development, walkable communities, etc. Recommended design elements can be found on the District's website at http://www.valleyair.org/ISR/ISROnSite Measures.htm.

3. Referral documents for new development projects should include a project summary detailing, at a minimum, the land use designation, project size, and proximity to sensitive receptors and existing emission sources.

If you have any questions or require further information, please call Ms. Debbie Johnson at (559) 230-5817.

Sincerely,

Dave Warner
Director of Permit Services

for Debbie Johnson
Arnaud Marjollet
Permit Services Manager

DW:dj

County of Fresno

Department of Public Health
Edward L. Moreno, M.D., M.P.H., Director-Health Officer

July 13, 2012

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PE 2600
CX

David Fey, Deputy City Planner
City of Clovis
1033 Fifth Street
Clovis, CA 93612

Dear Mr. Fey:

SUBJECT: Notice of Preparation of an Environmental Impact Report for the City of Clovis General Plan and Development Code Update

Thank you for the opportunity to review the above project. The Fresno County Department of Public Health, Environmental Health Division concurs with the probable environmental effects outlined in the Notice of Preparation and has no additional comments to offer at this time. However, we request to be included in the future routing of the Draft Environmental Impact Report

If I can be of further assistance, please contact me at (559) 600-3271.

Sincerely,

R.E.H.S., M.S.
Supervising Environmental Health Specialist
Environmental Health Division

ga

Clovis NOP EIR GP & Development Code Update.docx

DEPARTMENT OF TRANSPORTATION
1352 WEST OLIVE AVENUE
P.O. BOX 12616
FRESNO, CA 93778-2616
PHONE (559) 445-5868
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July 17, 2012

2131-IGR/CEQA
6-FRE-GEN
NOP DEIR
CITY OF CLOVIS GP AND
DEVELOPMENT CODE

Mr. David E. Fey
City of Clovis
Planning & Development Services Dept.
1033 Fifth Street
Clovis, CA 93612

Dear Mr. Fey:

We have completed our review of the Notice of Preparation of an EIR for the City of Clovis' General Plan and Development Code update. Caltrans has the following comments:

Previous traffic studies have identified the need for various improvements to State Route (SR) 168 to accommodate existing and future demand. Those improvements are as follows:

- SR 168/Shaw Avenue eastbound off-ramp – additional right turn lane (estimated cost $411,000; $1,000/trip).
- SR 168/Bullard Avenue eastbound off-ramp – additional turn lane (estimated cost $268,000; $770/trip).
- SR 168/Herndon Avenue – additional eastbound through lane under the freeway structures (estimated cost $2,025,500; $1,500/trip).
- SR 168/Temperance Avenue eastbound off-ramp – two additional turn lanes (estimated cost $1,442,000; $2,420/trip).

Given development trends in the City of Clovis, it is projected that the following SR 168 improvements will be necessary in the future:

- SR 168/Ashlan Avenue eastbound off-ramp – additional right turn lane.
- SR 168/Herndon Avenue westbound on-ramp from eastbound Herndon Avenue – additional turn lane and a two-lane entrance.
- SR 168/Fowler Avenue westbound on-ramp from southbound Fowler Avenue – the addition of a right turn lane.
- SR 168/Fowler Avenue westbound on-ramp from northbound Fowler Avenue – the addition of a loop on-ramp.

- SR 168/Nees Avenue – future interchange.
- SR 168/Shepherd Avenue – future interchange.

Funding is not available for improvements to SR 168 or to build along the route adoption alignment. Thus, development should not occur without the needed infrastructure - including freeways. As such, development will need to fund improvements to SR 168 to accommodate increased demand. This will likely need to be accomplished by a combination of developer delivered improvements as well as the creation of a fee program that includes State facilities. Updating of a General Plan is an ideal time to implement such mechanisms to insure infrastructure is provided once the demand is created.

The proposed urbanization has numerous access points that appear to be at-grade intersections. This is contrary to our previous direction that stated access would not be permitted within 2 miles of the SR 65 freeway-to-freeway interchange. This will require that the City's local road network be carefully laid out and that there be consideration for future overcrossings to allow connectivity to both sides of the freeway. Developing north of SR 168 creates several challenges and concerns.

There appears to be a school next to the SR 168 Route Adoption alignment. This should be of concern. We are seeing the creation of air quality rules that make high volume roadways an air quality issue for adjacent sensitive receptors. Along with relocating schools and other sensitive receptors away from the freeway, wider right-of-way should be part of planning for air and noise issues along SR 168. Also, provisions for soundwalls should be included and be at the expense of developers.

When preparing the traffic impact study for the EIR, the consultant should not be predicting fewer peak hour trips based on some "new urban form". The presence of SR 168 will permit commuters rapid access to employment. It is strongly advised that Caltrans be provided a scope of work as well as the assumptions that will be used prior to commencing the actual traffic study. It would be beneficial to all parties to have a formal traffic scoping meeting.

If you have any questions, please call me at (559) 445-5868.

Sincerely,

MICHAEL NAVARRO
Office of Transportation Planning
District 06

FRESNO METROPOLITAN FLOOD CONTROL DISTRICT

File 170.11
400.11
410.10

July 19, 2012

David Fey, Deputy City Planner
City of Clovis, Planning Division
1033 Fifth Street
Clovis, CA 93612

Dear David,

FMFCD Comments on the Notice of Preparation of the Clovis General Plan Update Environmental Impact Report and Additional General Comments on the City of Clovis General Plan Update

This letter is being sent to you in regards to the Notice of Preparation of the Clovis General Plan Update Environmental Impact Report and general comments relating to the portion of the Northwest Urban Center that occupies the Drainage Area "BY" and the areas pertaining to the Big Dry Creek Village as shown on Figure 5 - Proposed General Plan Land Use Plan as found in the Initial Study for the City's General Plan and Development Code Update. These comments are in addition to the ones previously sent to the City on April 25, 2011 that pertained to the Northwest Urban Center west of Drainage Area "BY".

Specific Comments for NOI to Prepare EIR for the Clovis General Plan Update

Section 3.9 i) of the Initial Study identifies Big Dry Creek Dam and states that flood hazards will be discussed in the EIR. Portions of the Plan Area are also downstream of Fancher Creek Dam and Redbank Creek Dam and those facilities should be included in the flood hazard discussion in the EIR.

Section 3.15 b) discusses the acres of parks and open spaces included in the Plan and the Proposed Land Use Diagram shows the Big Dry Creek Reservoir as "Potential Future Regional Park". It should be noted and discussed in the EIR that although this potential use has been discussed at the local level, this is a land use that would require federal approval from the U.S. Army Corps of Engineers. The designation and decision to implement this use would require its own EIR.

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Review of the Existing Land Use Diagram has revealed some errors and although not an exhaustive list the following items should be addressed on the diagram:

- The limits of Big Dry Creek Reservoir are incorrect
- The 20 acre Peterson property on the south side of Copper Avenue near Armstrong is shown as vacant rather than ag
- District Basin "BY" is not shown
- The Marion Avenue recharge facility is shown as drain basin rather than water
- The Alluvial Drain Basin/Basin "BX" is not shown
- Redbank Creek Reservoir is not shown
- Redbank Creek recharge facility at the Quail Lake development is shown as park and should be water
- Wolfe Lakes are not shown
- Clovis Lakes ponds are not shown
- Fairmont Elementary School is not shown
- District Basin "AM" is shown as school adjacent to the Quail Lake Charter School
- A church at the southeast corner of San Jose and Locan is shown as RR

The current General Plan Land Use Diagram contains some discrepancies which are hoped to be resolved with the Proposed Land Use Diagram. Some of these have been addressed, however, the following items should be incorporated into the Proposed Land Use Plan included in the EIR and discussed as appropriate:

- The "Water" designation should be added to several locations. Where the District owns fee title to lands programed and used as storm water detention basins or reservoirs it is appropriate they be shown as "Water". These include District Basin sites "DP" and "AM", Redbank Creek Reservoir, and Big Dry Creek Reservoir. Beyond District ownership, other locations where water facilities should be shown are the Redbank Slough Recharge System and the on-site lake at the Quail Lake development, preserved ponds at the Polo Ranch subdivision, Wolfe Lakes, Clovis Lakes ponds, preserved ponds at Leonard Avenue south of Herndon Avenue, and a basin site southeast of Highway 168 adjacent to the Harlan Ranch development (this basin was a mitigation requirement for the design and development of Harlan Ranch).
- In the same manner, the District holds extensive flood and/or flowage easements that preclude development. These should at a minimum be shown as open space and include: the extension upstream of Big Dry Creek Reservoir and downstream through the Big Dry Creek Diversion Channel to Little Dry Creek. Please contact the District so that we can provide the limit of the easements in a form convenient to you.
- The Quail Lake Charter School adjoining District Basin "AM" is not shown
- The Harlan Ranch Company headquarters is shown as Public/Quasi-public Facility

- An existing RR triangular subdivision bounded by Academy, Tollhouse, and Shepherd is shown as Ag.
- Existing RR properties at Copper and Armstrong are shown as Ag
- Residential land uses are shown adjoining Big Dry Creek Reservoir at its face to the southwest. The function of earthen dams includes a seepage component at the downstream face and it is inappropriate to designate development in this area. It is strongly recommended that a minimum 500 foot wide area adjacent to the dam face be designated as open space.
- Urbanized development is shown northwest of the Big Dry Creek Channel immediately downstream of the dam. This land is within Drainage Area "BY" and cannot drain to the southeast due to the Big Dry Creek Channel. Drainage Area "BY" is not planned to accommodate urban development and the EIR should discuss the potential drainage impacts of this designation.
- Residential development is shown encroaching into the flood pool of Big Dry Creek Reservoir. This cannot be allowed and, therefore, the designation should be changed. It is suggested that prior to preparation of the EIR, the limits of Big Dry Creek Reservoir, including its associated flood pool and flowage easements that preclude development, be identified and the diagram be revised.
- The Plan includes three potential road crossings over the levee and through the flowage area of Big Dry Creek Reservoir. The EIR should discuss the impacts and requirements for the bridges that would be necessary for these crossings. Accommodation must also be made for the proximity of intersections to the levee. This may require modification of road alignments.
- The Proposed Land Use Plan also identifies Big Dry Creek Reservoir as a future regional park. The District has yet to approve such a plan. While there have been discussions about this concept, it may not be appropriate to identify it as such on the Plan.

General Comments to the Northwest Urban Village

The portion of the Northwest Urban Village that resides within Drainage Area "BY" is bounded by Copper Avenue to the north, Sunnyside to the east, Shepherd to the south and the Enterprise Canal to the west. (See the attached diagram – Clovis NW Urban Center Landuse Portion in "BY") This area has an adopted drainage master plan and it is based on the existing landuses which are predominately rural residential and agricultural. The collection system for this area is planned to be a network of open channels with a minimum bottom width of four feet and side slopes of 4:1. The basin is sized for a 100-year storm. For the location of the adopted master plan channels, see the attached Master Plan Collection System for Area "BY". Based on the Draft Landuse Diagram for the Northwest Urban Center, the District recognizes the need to revise the adopted Drainage Area "BY" plan to reflect the City's planned landuses and street alignments. In addition, we are planning to change the open channel collection system to the

standard urban 2-year pipeline collection system for the urban uses. Within the metropolitan area, storm runoff produced by land development is to be controlled through a system of pipelines and storm drainage retention basins. Ideally, we would like the City to plan and develop the major street patterns such that they are aligned along existing channels and flow paths to avoid drainage conflicts with the major storms. This will also minimize the potential for pipeline and flood easements.

General Comments Regarding the EIR with Respect to Storm Water Quality

The EIR should identify mitigation measures to minimize adverse land uses, water quality and quantity impacts of water runoff associated with the General Plan. The District, Cities and County have developed and adopted the Storm Drainage and Flood Control Master Plan. Future amendments to the plan will be necessary to accommodate the proposed General Plan. Compliance with and implementation of this Master Plan by development projects associated with the General Plan may resolve many, but not in all, drainage related CEQA/NEPA impacts.

The General Plan Update should insure compliance with all Local, State and Federal laws and ordinances with respect to Storm Water Quality. In this regards, the EIR should comply with the Federal Clean Water Act and the State General Permits for Storm Water Discharges Associated with Construction and Industrial Activities (State General Permits). These regulations require construction projects disturbing one or more acres, and discharges associated with industrial activity not otherwise exempt from National Pollutant Discharge Elimination System (NPDES) permitting, to implement controls to reduce pollutants, prohibit the discharge of waters other than storm water to the municipal storm drain system, and meet water quality standards. These requirements apply both to pollutants generated during construction, and to those which may be generated by operations at the development after construction.

Also, all development proposed in the General Plan Update should be encouraged to select and implement storm water quality controls recommended in the Fresno-Clovis Storm Water Quality Management Construction and Post-Construction Guidelines (available at the District Office). Such use will assist in meeting the requirements of the State General Permits, eliminate the potential for non-storm water to enter the municipal storm drain system, and where possible minimize contact with materials which may contaminate storm water runoff.

As the General Plan Update is proposing land uses that may discharge into natural streams or channels, the EIR should identify mitigation, not only storm water quality, but also the rate and volume of discharge. Mitigation of storm water quality may include solutions that require a reduction in the rate and volume of such discharges.

General Comments to the Preliminary Concept Plan for the Big Dry Creek Village (north and south of Shepherd)

The General Plan update also shows land uses and roadway alignments for the Big Dry Creek Village north and south of Shepherd within the Plan Area.

This area is not planned for urban landuses and does not currently have an adopted drainage plan. A drainage master plan will have to be created based on the City's landuses and adopted for this area and will include stormwater management basins or "water" that are not currently shown on the Proposed General Plan Land Use Plan. The draft concept plan for the Big Dry Creek Village shows proposed land uses in close proximity to the downstream face of the dam for Big Dry Creek Reservoir. Seepage at the downstream face of the earthen dam make residential uses inappropriate within 500 feet of the toe.

The draft should identify the flood pool and floodplain for Big Dry Creek and Big Dry Creek Reservoir on both current and proposed land use maps. Only compatible secondary uses should be shown within these areas. Acceptable designations include water, and park/open space, but not residential uses. The District's fee ownership or flood easement for the reservoir and inflow areas should be clearly shown as water basin to follow current General Plan practices. The District will be pleased to assist you to more accurately show areas and limits on the draft plan for water and park/open space.

Another consideration for the reservoir area is its regulatory control by the U.S. Army Corps of Engineers. This means that anything proposed in the reservoir area must be formally approved by the Corps. It should also be noted that in the federal project that modified the dam, the Corps specifically did not approve a recreational component to its use. This would mean that any proposed trail, permanent water body, or other recreational use within the reservoir cannot be designated without Corps approval.

The levee for the reservoir and its inflow parallels Tollhouse Road, Highway 168, between the Shepherd Avenue interchange and the Friant-Kern Canal. This levee is a fixed feature and the alignment of the road and proposed interchanges must consider it. This was not done in the Specific Plan and street plan line at the Harlan Ranch subdivision and as a result, the street right-of-way had to be reduced. It is suggested that the road alignment be shifted south to address this, especially where the proposed interchange cannot be constructed into the levee.

The interchanges from Tollhouse Road also indicate north-south streets extending to properties to the north. It should be noted and considered that in order to construct roads at these locations, they would have to be elevated to cross the levee as well as crossing the inflow floodplain without having a hydraulic effect on flood flows. This could mean construction of bridges of substantial length.

Additionally, there are several other intermittent stream courses in the area north of Tollhouse Road that flow into the reservoir. Each of these must be shown on the Plan and preserved. This was problematic with the Alluvial Drain Channel in the Harlan Ranch Project. Recreational components adjoining streams may require additional area to be set aside.

In planning storm drainage and flood control facilities for areas north of Tollhouse Road, it should be noted that development will have to mitigate runoff from a 200 year storm event in that development will not be permitted to denigrate flood protection to downstream land owners.

Just as there are several intermittent streams north of Tollhouse Road, the remainder of the draft covers areas that include the Alluvial Drain, Dog Creek, Pup Creek and their tributaries. These stream courses must also be shown on the Plan and be designated to be preserved. Recreational components adjoining streams may require additional area to be set aside.

Very truly yours,

Jerry Lakeman
District Engineer

JL/WL/lrl

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From: Bruce A Owdom [mailto:bao@dgmalaw.com]
Sent: Thursday, July 19, 2012 4:00 PM
To: David Fey
Cc: Ruth Lang; Sayre Miller
Subject: Notice of Preparation and Scoping Meeting

Dear Mr. Fey,

Thank you for soliciting views of the Fresno Historical Society regarding the scope of the EIR for the City of Clovis's General Plan Update. In general, to the extent that the project may impact historic or heritage resources in the City of Clovis, such resources should be identified and documented, and appropriate mitigation measures should be evaluated. Thank you again.

Best regards,
Bruce Owdom

Bruce A. Owdom, Esq.
Dietrich, Glasrud, Mallek & Aune
5250 North Palm Avenue, Suite 402
Fresno, California 93704
(559) 435-5250
(559) 435-8776 [fax]

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July 24, 2012

City of Clovis
Attn: David E. Fey, Deputy City Planner
1033 Fifth Street
Clovis, CA 93612

Dear Mr. Fey:

Subject: *Notice of Preparation of an Environmental Impact Report for the City of Clovis General Plan and Development Code Update*

We have reviewed the City of Clovis' General Plan Update 2035 Initial Study. We offer the following comments in response:

1. The Cortese-Knox-Hertzberg Local Government Reorganization Act of 2000 provides guidance for LAFCOs. Under Section 56001 of the Act, the State has declared its interest in discouraging urban sprawl, preserving open space and prime agricultural lands.

   The territory within the City's SOI and the rural areas outside the City and its SOI does include prime agricultural lands. It is understood that in order for the City to develop in a logical and orderly manner, annexation of agricultural lands is inevitable. The efficient use of this land, therefore, is of great importance to LAFCo.

   LAFCo Policy Section 103 states: *"The Commission encourages well-planned, orderly, and compact urban development patterns for all developing areas."*

   Policy Section 104 further states: *"Proposals which would conflict with the goals of maintaining the physical and economic integrity of open space lands, agricultural lands, as indicated in the City or County General Plan shall be discouraged."*

   In order to address the loss of prime agricultural lands, the City through its EIR should consider various types of development options/alternatives aimed at increasing urban densities. These may include concepts incorporating walkable communities, mixed-use concepts, multi-story buildings, etc., in order to allow for higher overall residential densities—thus reducing the conversion of and expansion onto prime agricultural lands.

2. With respect to how prime agricultural land is defined, the EIR should consider the definition of “Prime Agricultural Land” as listed within the Cortese-Knox-Hertzberg Local Government Reorganization Act of 2000. This definition differs from the California Department of Conservation’s definition of Prime Farmland and may be considered to be more inclusive. For LAFCo purposes, the environmental document must consider loss of Prime Agricultural Land as defined by the Act (Government Code Section 56064) below:

"Prime agricultural land" means an area of land, whether a single parcel or contiguous parcels, that has not been developed for a use other than an agricultural use and that meets any of the following qualifications:

> *(a) Land that qualifies, if irrigated, for rating as class I or class II in the USDA Natural Resources Conservation Service land use capability classification, whether or not land is actually irrigated, provided that irrigation is feasible.*
>
> *(b) Land that qualifies for rating 80 through 100 Storie Index Rating.*
>
> *(c) Land that supports livestock used for the production of food and fiber and that has an annual carrying capacity equivalent to at least one animal unit per acre as defined by the United States Department of Agriculture in the National Range and Pasture Handbook, Revision 1, December 2003.*
>
> *(d) Land planted with fruit or nut-bearing trees, vines, bushes, or crops that have a non-bearing period of less than five years and that will return during the commercial bearing period on an annual basis from the production of unprocessed agricultural plant production not less than four hundred dollars ($400) per acre.*
>
> *(e) Land that has returned from the production of unprocessed agricultural plant products an annual gross value of not less than four hundred dollars ($400) per acre for three of the previous five calendar years.*

3. Growth within the plan area will require the City to provide a number of different services to the area, including, fire, police, water, sewer, solid waste, parks, and other services. A Service and Delivery Plan that will identify how the City will provide these services will be required for consideration as part of any SOI Revision or annexation.

4. In respect to the plan area boundaries, especially in the northeast portion of the plan, the EIR needs to look at future traffic impacts, drainage and associated impacts with development of the plan area on the property immediately north of the plan boundaries.

It should be noted that Fresno LAFCo's role in relationship to CEQA will be as a "responsible" agency to determine that all potential environmental impacts, mitigation measures, monitoring program(s), and findings have been properly addressed and adopted by the Lead Agency (City of Clovis) prior to taking action upon any annexation or sphere of influence proposal(s).

We appreciate the opportunity to provide comments on the Notice of Preparation prepared for the General Plan Update. If you have any questions, please contact me at (559) 600-0604.

Sincerely,

Jeff Witte, Executive Officer
Fresno Local Agency Formation Commission

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STATE OF CALIFORNIA – CALIFORNIA NATURAL RESOURCES AGENCY EDMUND G. BROWN JR., GOVERNOR

CENTRAL VALLEY FLOOD PROTECTION BOARD
3310 El Camino Ave., Rm. 151
SACRAMENTO, CA 95821
(916) 574-0609 FAX: (916) 574-0682
PERMITS: (916) 574-2380 FAX: (916) 574-0682

Received

AUG 6 2012

City of Clovis
Planning Dept.

August 1, 2012

Mr. David E. Fey, Deputy City Planner
City of Clovis
1033 Fifth Street
Clovis, California 93615

Subject: City of Clovis General Plan and Development Code Update
SCH Number: 2012061069
Document Type: Notice of Preparation

Dear Mr. Fey:

Staff of the Central Valley Flood Protection Board (Board) has reviewed the subject document and provides the following comments:

The proposed project is located within the regulated area(s) or stream(s), the Dry and Dog Creeks, which are under the jurisdiction of the Central Valley Flood Protection Board. The Board is required to enforce standards for the construction, maintenance and protection of adopted flood control plans that will protect public lands from floods. The jurisdiction of the Board includes the Central Valley, including all tributaries and distributaries of the Sacramento River and the San Joaquin River, and designated floodways (Title 23 California Code of Regulations (CCR), Section 2).

A Board permit is required prior to starting the work within the Board's jurisdiction for the following:

- The placement, construction, reconstruction, removal, or abandonment of any landscaping, culvert, bridge, conduit, fence, projection, fill, embankment, building, structure, obstruction, encroachment, excavation, the planting, or removal of vegetation, and any repair or maintenance that involves cutting into the levee (CCR Section 6);

- Existing structures that predate permitting or where it is necessary to establish the conditions normally imposed by permitting. The circumstances include those where responsibility for the encroachment has not been clearly established or ownership and use have been revised (CCR Section 6);

- Vegetation plantings will require the submission of detailed design drawings; identification of vegetation type; plant and tree names (i.e. common name and scientific name); total number of each type of plant and tree; planting spacing and irrigation method that will be utilized within the project area; a complete vegetative management plan for maintenance to prevent the interference with flood control, levee maintenance, inspection, and flood fight procedures (CCR Section 131).

Vegetation requirements in accordance with Title 23, Section 131 (c) states "Vegetation must not interfere with the integrity of the adopted plan of flood control, or interfere with maintenance, inspection, and flood fight procedures."

The accumulation and establishment of woody vegetation that is not managed has a negative impact on channel capacity and increases the potential for levee over-topping. When a channel develops vegetation that then becomes habitat for wildlife, maintenance to initial baseline conditions becomes more difficult as the removal of vegetative growth is subject to federal and State agency requirements for on-site mitigation within the floodway.

Hydraulic Impacts - Hydraulic impacts due to encroachments could impede flood flows, reroute flood flows, and/or increase sediment accumulation. The Project should include measures for channel and levee improvements and maintenance to prevent and/or reduce hydraulic impacts. Off-site mitigation outside of the State Plan of Flood Control should be used when mitigating for vegetation removed within the project location.

The permit application and Title 23 CCR can be found on the Central Valley Flood Protection Board's website at http://www.cvfpb.ca.gov/. Contact your local, federal and State agencies, as other permits may apply.

If you have any questions, please contact me by phone at (916) 574-0651, or via email at jherota@water.ca.gov.

Sincerely,

James Herota

James Herota
Staff Environmental Scientist
Flood Projects Improvement Branch

cc: Governor's Office of Planning and Research
State Clearinghouse
1400 Tenth Street, Room 121
Sacramento, California 95814

DEPARTMENT OF THE ARMY
U.S. ARMY ENGINEER DISTRICT, SACRAMENTO
CORPS OF ENGINEERS
1325 J STREET
SACRAMENTO CA 95814-2922

REPLY TO
ATTENTION OF

September 4, 2012

Received
SEP 17 2012
City of Clovis
Planning Dept.

Regulatory Division SPK-2012-00939

David Fey
City of Clovis
1155 Fifth Street
Clovis, California 93612

Dear Mr. Fey:

We are responding to your June 25, 2012 request for comments on the City of Clovis General Plan & Development Code Update. The project is located in the City of Clovis, Fresno County, California. Your U.S. Army Corps of Engineers Regulatory identification number is SPK-2012-00939.

The Corps of Engineers' jurisdiction within the study area is under the authority of Section 404 of the Clean Water Act for the discharge of dredged or fill material into waters of the United States. Waters of the United States include, but are not limited to, rivers, perennial or intermittent streams, lakes, ponds, wetlands, vernal pools, marshes, wet meadows, and seeps. Project features that result in the discharge of dredged or fill material into waters of the United States will require Department of the Army authorization prior to starting work.

To ascertain the extent of waters on the project site, the applicant should prepare a wetland delineation, in accordance with the "Minimum Standards for Acceptance of Preliminary Wetlands Delineations", under "Jurisdiction" on our website at the address below, and submit it to this office for verification. A list of consultants that prepare wetland delineations and permit application documents is also available on our website at the same location.

The range of alternatives considered for this project should include alternatives that avoid impacts to wetlands or other waters of the United States. Every effort should be made to avoid project features which require the discharge of dredged or fill material into waters of the United States. In the event it can be clearly demonstrated there are no practicable alternatives to filling waters of the United States, mitigation plans should be developed to compensate for the unavoidable losses resulting from project implementation.

Please refer to identification number SPK-2012-00939 in any correspondence concerning this project. If you have any questions, please contact Chandra Jenkins at, the letterhead address above, email *Chandra.L.Jenkins@usace.army.mil*, or telephone 916-557-6652. For more information regarding our program, please visit our website at *www.spk.usace.army.mil/Missions/Regulatory.aspx*.

Sincerely,

Paul Maniccia
Chief, California South Branch

Appendix C

Scoping Meeting Sign-In Sheet

Appendices

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SIGN IN SHEET

Scoping Meeting for the
Clovis General Plan and Development Code Update Environmental Impact Report (EIR)
Wednesday, June 27, 2011

Please print clearly

	NAME	ADDRESS	PHONE	E-MAIL
1.	DAVID FEY	CLOVIS PLANNING 1033 FIFTH STREET	559-324-2338	davidf@cityofclovis.com
2.	PAO VANG	3582 Sega St Irvine CA 92606	949-981-2958	pvang@pacbell.net
3.	BILL STRETCH	2907 S. Maple Avenue, Fresno, CA 93725 FRESNO IRRIGATION DISTRICT	233-7161 x7401	BSTRETCH@FRESNOIRRIGATION.COM
4.	Steve Bloem	FRESNO IRRIGATION District	233-7161 x 7404	SBloem@fresnoirrigation.com
5.	George Gonzalez	Clovis Planning 1033 Fifth St. Clovis, CA	324-2383	george@cityofclovis.com
6.	Ellen Balding	City of Clovis 1033 Fifth Street Clovis, CA	324-2126	ellenb@cityofclovis.com
7.	Tina Sumner	City of Clovis	324-2082	tinas@cityofclovis
8.	Alan Hofmann	FMFCD 5469 E. Olive fresno, CA 93727	456-3292	alanh@fresnofloodcontrol.org
9.	LEE KRAFT	1233 FIFTH ST	324-2270	leek@ci.clovis.ca.us
10.	VINCE VEIRS	" 1233 Fifth Street Clovis, CA	324-2473	VINCEV@CITYOFCLOVIS.COM

SIGN IN SHEET

Scoping Meeting for the
Clovis General Plan and Development Code Update Environmental Impact Report (EIR)
Wednesday, June 27, 2011

Please print clearly

NAME	ADDRESS	PHONE	E-MAIL
11. Marianne Mollring	1033 FIFTH ST Clovis	3242064	mariannem@cityofclovis.com
12. Mike Dozier	5010 N. Woodrow Avenue, Suite 200 M/S WC 142 Fresno, CA 93740	294-6027	MDozier@csufresno.edu
13. Jeff Witte	LDFCO 2607 fresno st, Suite B fresno, CA 93721	600 0604	jewitte@co.fresno.ca.us
14. JAMES WHITE	9090 N. MINNEWAWA CLOVIS CA USA	3229000 [illegible]	[illegible] JJWCPA1@ATT.NET
15. Paul Hinkle	434 W MENLO Clovis CA 93612	970-2274	paulhinklerealtor@gmail.com
16. Michael Navarro	1352 W. Olive Fresno 93728	445-5868	michael_navarro@dot.ca.gov
17. Charles Harris	8051 N. Thompson	297-9082	—
18. Wa Doua [illegible]	8051 N. Thompson	297-9082	—
19. Blia Vang	—	—	
20. Mike Harrison	Clovis 1033 Fifth Street, Clovis, CA	324-2365	mikeh@cityofclovis.com

SIGN IN SHEET

Scoping Meeting for the
Clovis General Plan and Development Code Update Environmental Impact Report (EIR)
Wednesday, June 27, 2011

Please print clearly

	NAME	ADDRESS	PHONE	E-MAIL
21.	MIKE PRANDINI	1530 E SHAW STE 113 FRESNO 93710	222-5900	mikep@bia-sjv.org
22.	Lisa Koehn	155 N. Sunnyside Avenue Clovis, CA 93612	324-2607	lisak@ci.clovis.ca.us
23.	John Holt	1033 Fifth street Clovis, CA 93612	324-2072	johnh@cityofclovis.com
24.	Ros Woolley	1033 Fifth street Clovis, CA 93612	324-2111	Roswe cityof clovis.com
25.				
26.				
27.				
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Appendix D

Proposed General Plan Update Policies

Appendices

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Draft Land Use Element

Purpose

The land use element establishes the general distribution, location, and extent of future land uses and provides standards for the intensity and density of the built environment. It establishes policies to guide land use, development, and redevelopment.

Key Issues

The land use element maintains Clovis' tradition of responsible planning and well-managed growth to preserve the quality of life in existing neighborhoods and ensure the development of new neighborhoods with an equally high quality of life. The goals and policies seek to foster more compact development patterns that can reduce the number and duration of auto trips. The element also balances residential growth with economic and employment growth.

Goals and Policies

OVERARCHING GOAL: A complete community and a sustainable city that maintains its small town character and premier quality of life through balanced growth, development, and reinvestment.

Goal 1: The quality of buildings and neighborhoods within the older parts of Clovis is in the same class as the quality of those in recently developed areas.

Goal 2: A thriving Old Town continues to be the authentic heart of the community.

Goal 3: Orderly and sustainable outward growth into three urban centers with neighborhoods that provide a balanced mix of land uses and development types to support a community lifestyle and small town character.

Goal 4: Orderly development of the General Plan outside of the city boundary.

Goal 5: A city with housing, employment, and lifestyle opportunities for all ages and incomes of residents.

Goal 6: A city that grows and develops in a manner that implements its vision, sustains the integrity of its guiding principles, and requires few and infrequent amendments to the General Plan.

Goal 1: The quality of buildings and neighborhoods within the older parts of Clovis is in the same class as the quality of those in recently developed areas.

Policy 1.1 **Long term plans.** Establish and implement long term plans for areas identified on Figure LU-5 as older areas that may not be on par with recently developed areas.

Policy 1.2 **Open to changes.** Be open to potential changes in land use, circulation, and development standards to reposition areas identified on Figure LU-5 if necessary for revitalization and redevelopment.

Policy 1.3 **Priority for public investments.** Assign a high priority to public investments (infrastructure, services, facilities, and open space) in areas identified in Figure LU-5.

Policy 1.4 **Code enforcement.** Prioritize code enforcement activity in areas identified in Figure LU-5.

Policy 1.5 **Revision cycle.** Revisit and, if necessary, revise the map in Figure LU-5 at least once every three years.

Policy 1.6 **New retail development.** Require that new discretionary projects with over 150,000 square feet in retail space be supported by an independent market study showing the viability of the project. The study shall identify whether the new retail development will shift market share from one area of Clovis to another. If there will be a significant shift in market share, the study must include an analysis of potential vacancies that may result from the retail development and include a reuse plan for those vacancies. The study shall be subject to independent review and approval by the Director of Planning and Development Services.

Goal 2: A thriving Old Town continues to be the authentic heart of the community.

Policy 2.1 **Primary location for celebrations.** Designate Old Town as the primary location for major public celebrations.

Policy 2.2 **Diverse businesses and activities.** Encourage a diverse range of businesses and activities in Old Town, including businesses that operate in daytime and evening hours.

Policy 2.3 **Walkability and human scale.** Maintain the walkability of Old Town and expand the human-scale building form and pedestrian orientation to areas south of Fifth Street (specifically, this means attached buildings fronting onto the right-of-way instead of on-site parking).

Policy 2.4 **Public spaces.** Create and maintain public spaces in Old Town.

Policy 2.5 **Independent retailers.** Encourage independent retailers that complement the authenticity of Old Town.

Policy 2.6 **Regional destination.** Promote and market Old Town as a regional destination.

Goal 3: Orderly and sustainable outward growth into three Urban Centers with neighborhoods that provide a balanced mix of land uses and development types to support a community lifestyle and small town character.

Policy 3.1 **Planning for the entire Urban Center.** Require a comprehensive design document (such as a master plan, specific plan, or design guidelines) for each Urban Center prior to authorizing new development. In addition to any statutory requirements, each document should provide direction on:

A. Consistency with the General Plan
B. Visual appearance
C. A mix of housing types, tenure options, and price points
D. Non-vehicular circulation within and connections to the remainder of Clovis and adjacent communities
E. Centralized public services, community park, open space, trails, and recreation facilities
F. Adequate provision of educational facilities

Policy 3.2 **Individual development project.** When projects are proposed in an Urban Center, require a conceptual master plan to show how a proposed project could relate to possible future development of adjacent and nearby properties. The conceptual master plan should generally cover about 160 acres or the adjacent area bounded by major arterials, canals, or other major geographical features. The conceptual master plan should address:

A. Compliance with the comprehensive design document (see Policy 3.1)
B. A consistent design theme
C. A mix of housing types
D. Adequate supply and distribution of neighborhood parks
E. Safe and direct pedestrian and bicycle linkages between residential areas and school sites, parks, and community activity centers

Policy 3.3 **Completion of Loma Vista.** The City prioritizes the completion of Loma Vista while allowing growth to proceed elsewhere in the Clovis Planning Area in accordance with agreements with the County of Fresno and LAFCo policies.

Policy 3.4 **Infrastructure investment.** The City may invest in infrastructure in the Northeast and Northwest Urban Centers if and when the City is satisfied that the investment is fiscally neutral or beneficial and that there will be adequate funding to provide public services.

Policy 3.5 **Fiscal sustainability.** The City shall require establishment of community facility districts, lighting and landscaping maintenance districts, special districts, and other special funding or financing tools in conjunction with or as a condition of development, building or permit approval, or annexation or sphere of influence amendments when necessary to ensure that new development is fiscally neutral or beneficial.

Policy 3.6 **Mix of housing types and sizes.** Development is encouraged to provide a mix of housing types, unit sizes, and densities at the block level. To accomplish this, individual projects five acres or larger may be developed at densities equivalent to one designation higher or lower than the assigned designation, provided that the density across an individual project remains consistent with the General Plan.

Policy 3.7 **Urban Village Neighborhood Concept.** Residential developments in Urban Centers must contribute to and become a part of a neighborhood by incorporating a central park feature, a school complex, a hierarchy of streets, pedestrian pathways, or other neighborhood amenities. Higher density residential should be next to lands designated Mixed Use Village. The City may also require the application of the urban village neighborhood concept in areas outside of an Urban Center.

Policy 3.8 **Land use compatibility.** Within Urban Centers, new development that is immediately adjacent to properties designated for rural residential and agricultural uses shall bear the major responsibility of achieving land use compatibility and buffering.

Policy 3.9 **Connected development.** New development in Urban Centers must fully improve roadway, pedestrian, and bicycle systems within and adjacent to the proposed project and connect to existing urbanized development.

Goal 4: Orderly development of the General Plan outside of the city boundary.

Policy 4.1 **Clovis leadership.** The city shall take a leadership role in the land use planning for the sphere of influence and entire Clovis General Plan Area.

Policy 4.2 **Surface water entitlements.** The city should not approve annexation unless any and all surface water entitlements are retained; any and all surface water entitlements shall be transferred to the city upon development.

Policy 4.3 **Future environmental clearance.** The city shall monitor development and plan for additional environmental clearance as development levels approach those evaluated in the General Plan EIR.

Policy 4.4 **Farmland conservation.** Participate in regional farmland conservation, including the establishment of comprehensive agricultural preserves or easements, through

efforts such as the Fresno County Model Farmland Conservation Program or the San Joaquin Valley Greenprint.

Goal 5: A city with housing, employment, and lifestyle opportunities for all ages and incomes of residents.

Policy 5.1 **Housing variety in developments.** The Clovis General Plan has been planned to provide a variety of housing product types suitable to each stage of a person's life. Each development should contribute to a diversity of housing sizes and types within the standards appropriate to the land use designation. This policy does not apply to projects smaller than five acres.

Policy 5.2 **Ownership and rental.** Encourage a mixture of both ownership and rental options to meet varied preferences and income affordability needs.

Policy 5.3 **Innovative housing.** Encourage innovative housing product types, including multigenerational, cooperative, and variations on live-work housing.

Policy 5.4 **Transit oriented development.** Encourage the provision of retail and employment opportunities in areas served by transit, recognizing the needs of the transit-dependent population.

Policy 5.5 **Jobs for residents.** Encourage development that provides job opportunities in industries and occupations currently underserved in Clovis.

Policy 5.6 **Workforce housing.** Encourage the development of workforce housing that serves the needs of those working in Clovis.

Goal 6: A city that grows and develops in a manner that implements its vision, sustains the integrity of its guiding principles, and requires few and infrequent amendments to the General Plan.

Policy 6.1 **Amendment criteria.** The City Council may approve amendments to the General Plan when the City Council is satisfied that the following conditions are met:

A. The proposed change is and will be fiscally neutral or positive.
B. The proposed change can be adequately served by public facilities and would not negatively impact service on existing development or the ability to service future development.
C. The proposed change is consistent with the Urban Village Neighborhood Concept when within an Urban Center.
D. General Plan amendments proposing a change from industrial, mixed-use business campus, or office (employment generating) land use designations to non-employment-generating land use designation shall be accompanied by an

analysis of the potential impacts on the City's current and long-term jobs-housing ratio, as well as an evaluation on the change or loss in the types of jobs.

E. This policy does not apply to:
   i. County designations within the Clovis Planning Area or changes made by the City Council outside of the sphere boundary to reflect changes made by the County of Fresno.
   ii. Changes initiated by public agencies (such as school districts, flood control) for use by public agencies.
   iii. Changes initiated by the city within a specific plan.

Policy 6.2 **Smart growth.** The city is committed to the following smart growth goals.

A. Create a range of housing opportunities and choices
B. Create walkable neighborhoods
C. Encourage community and stakeholder collaboration
D. Foster distinctive, attractive communities with a strong sense of place
E. Make development decisions predictable, fair, and cost-effective
F. Mix land uses
G. Preserve open space, farmland, natural beauty, and critical environmental areas
H. Provide a variety of transportation choices
I. Strengthen and direct development toward existing communities
J. Take advantage of compact building design
K. Enhance the economic vitality of the region
L. Support actions that encourage environmental resource management

Draft Economic Development Element

Purpose

The economic development element links land use and development to economic growth, jobs and income, and municipal revenues and expenditures.

Key Issues

The primary issue that the economic development element addresses is balancing residential growth with economic growth to ensure a fiscally sustainable city. The goals and policies provide specific guidance for expanding the number and quality of jobs and for attracting private sector investment. Finally, the element's policies seek to increase municipal revenues, especially sales and transient-occupancy taxes.

Goals and Policies

OVERARCHING GOAL: A thriving and diverse local economy that delivers a broad and resilient revenue base as a tool to continuously improve Clovis' quality of life and maintain Clovis' distinction as the premier community in the San Joaquin Valley.

Goal 1: Regionally and globally competitive office and industrial employment centers that deliver desirable career opportunities for residents, create wealth-building opportunities for entrepreneurs, and attract private investment.

Goal 2: A thriving local economy enriched by its connections and linkages to regional assets and to the national and global communication and transportation networks.

Goal 3: Distinctive commercial destinations, corridors, and centers that provide a wide variety of unique shopping, dining, and entertainment opportunities for residents and visitors.

Goal 4: An overnight tourism destination known throughout the western United States.

Goal 5: A mix of land uses and types of development sufficient to support a fiscally balanced city able to invest in and pay for maintaining and improving public facilities and services and enhancing the quality of life.

Goal 6: Institutional capacity to achieve economic development goals and realize the community's vision.

Goal 1: Regionally and globally competitive office and industrial employment centers that deliver desirable career opportunities for residents, create wealth-building opportunities for entrepreneurs, and attract private investment.

Policy 1.1 **Economic development objectives.** Invest in economic development to: 1) attract jobs suited for the skills and education of current and future City residents; 2) work with regional partners to provide opportunities for the labor force to improve its skills and education; and 3) attract businesses that increase Clovis' stake and participation in growing sectors of the regional and global economy.

Policy 1.2 **Jobs-housing ratio.** Improve the city's job-housing ratio by promoting growth in jobs suited to the skills and education of current and future residents with the objective of an equal number of jobs and employed residents.

Policy 1.3 **Two-way communication.** Continuously improve two-way communication with the Clovis business community and emphasize customer service to existing businesses as part of our competitive advantage.

Policy 1.4 **Regional clusters.** Attract new and expanding businesses to increase Clovis' share of growing sectors of the regional and global economy.

Policy 1.5 **Workforce housing.** Collaborate with residents, housing providers, and the development community to provide housing opportunities for the local workforce.

Policy 1.6 **Retail as an attractor.** Encourage a mix of retail goods, dining, entertainment, and retail services that provide a full continuum of goods and services in order to support efforts to attract new office and industrial employers.

Policy 1.7 **Life-long learning.** Collaborate with partners who provide life-long learning to ensure that residents and the local workforce have access to education and career training at all stages of life.

Policy 1.8 **Infrastructure investments.** Invest in infrastructure expansions and upgrades to ensure that developable land remains available in the mixed-use business campus areas; invest in infrastructure upgrades to ensure that existing office and industrial areas are able to support expansions and redevelopment in response to changing market conditions.

Policy 1.9 **Land availability.** Collaborate with property owners and, as appropriate, purchase land to ensure that the Sierra Gateway Commerce Center will be available for development as the Research and Technology Park approaches buildout.

Policy 1.10 **Land use integrity.** Maintain and improve the competitive advantages of a Clovis business location by restricting the use of properties in the mixed-use business campus areas to office-based and manufacturing businesses; minimize and limit ancillary businesses to those that are subordinate to and serve the primary businesses.

Goal 2: A thriving local economy enriched by its connections and linkages to regional assets and to the national and global communication and transportation networks.

Policy 2.1 **Transportation linkages.** Maintain and improve transportation linkages between freeways and the existing and planned office, industrial, and mixed-use business campus areas.

Policy 2.2 **Communications and technology.** Regularly monitor trends in communications and technology and ensure that Clovis has communication infrastructure appropriate for a thriving economy.

Policy 2.3 **Clovis Community Medical Center.** Maintain and enhance a collaborative relationship with Clovis Community Medical Center and other medical service providers to expand and attract health care businesses.

Policy 2.4 **Fresno Yosemite International Airport.** Maintain and grow connections to and relationships with Fresno Yosemite International Airport; capitalize on its proximity for economic development.

Policy 2.5 **Fresno State University.** Maintain and enhance direct relationships with Fresno State University; build on relationships with and proximity to the university to support existing businesses and attract new business to Clovis.

Policy 2.6 **Education linkages.** Improve and use relationships with the Clovis, Fresno, and Sanger Unified School Districts; Willow International Community College; and other current and future educational institutions and organizations to enhance the education, skills, and qualifications of the regional and local labor force.

Policy 2.7 **Transportation planning.** Strive to make the city and regional transportation planning and investment processes open and responsive to the local business community.

Policy 2.8 **Regional organizations.** Strive to have Clovis residents and business operators appointed to the governing bodies of regional economic development service providers and organizations.

Goal 3 Distinctive commercial destinations, corridors, and centers that provide a wide variety of unique shopping, dining, and entertainment opportunities for residents and visitors.

Policy 3.1 **Quality of life.** Promote retail development with the primary objective of improving the quality of life by providing a full range of goods and services in Clovis.

Policy 3.2 **Convenience goods and services.** Encourage businesses providing convenience goods and services to locate in retail centers in neighborhoods and communities throughout the city.

Policy 3.3 **Comparison goods.** Encourage comparison goods businesses to locate in areas that are planned for larger community- and regional-scale shopping centers and that are served by adequate roadways.

Policy 3.4 **Large-scale retail centers.** Require community- and regional-scale retail centers and districts to create a pedestrian-friendly, human-scale atmosphere with street furniture, shading, landscaping, and gathering spaces that enhance the experience of shopping and socializing. Such centers and districts should provide entertainment and dining in addition to retail sales and services.

Policy 3.5 **Neighborhood-scale retail centers.** Require neighborhood-scale centers and districts to provide street furniture, shading, landscaping, pedestrian circulation, and gathering spaces that enhance the experience of shopping.

Policy 3.6 **Regionally competitive retail destinations.** Those proposing new development and redevelopment of community and regional-scale retail centers and districts should demonstrate how their projects will create appropriately unique, functional, and sustainable places that will add value to the city and compete well with the quality of place in other centers and districts in the region.

Policy 3.7 **Retail trends.** Anticipate the emptying of big box stores and changing trends in retailing; proactively evaluate development policies and adopt plans appropriate to minimize negative consequences and capitalize on new retail opportunities.

Goal 4: An overnight tourism destination known throughout the western United States.

Policy 4.1 **Public image.** Promote a public image associated with the Sierra Nevada, healthy living, and active lifestyles, and promote closer ties to the mountain lake communities.

Policy 4.2 **Center for cycling.** Promote Clovis as a cycling center and a launching point for regional cycling opportunities, such as the "Climb to Kaiser" and the "California Classic Century Ride."

Policy 4.3 **Local, regional, and statewide events.** Continue to collaborate with and support local organizations hosting local tourism events and activities, such as the Clovis Rodeo, Big Hat Days, the Friday Night Farmers Market, Clovis Fest, California Interscholastic Federation Track meet and other regional and statewide events at Clovis Unified School District facilities, and other current and future events and activities.

Policy 4.4 **Tourism branding and marketing strategy.** Invest in tourism based on an adopted tourism branding and marketing strategy.

Goal 5: A mix of land uses and types of development sufficient to support a fiscally balanced city able to invest in and pay for maintaining and improving public facilities and services and enhancing the quality of life.

Policy 5.1 **Decision making.** Incorporate the full short-term and long-term economic and fiscal implications of proposed actions into decision making.

Policy 5.2 **Return on investment.** The city may forego or postpone investment in new public facilities and infrastructure until the city is satisfied that the investment will be repaid by new revenues.

Policy 5.3 **Economic and residential balance.** Regularly monitor the pace of residential and non-residential development and the impact on municipal revenues, expenditures, reserves, and debt levels. The city may alter the investment of public resources, re-evaluate development fees, review development policies, and undertake other appropriate measures to ensure that the city's growth and development generate sustainable fiscal balances.

Policy 5.4 **Long-term funding.** Require those requesting city funds to establish or renew a program or project lasting more than one fiscal year to identify and disclose if and how the program or project will be funded in subsequent years.

Policy 5.5 **Staff time and costs.** Periodically assess the accuracy of projections for staff time and city resources, and use the assessment results to improve fiscal decision making.

Goal 6: Institutional capacity to achieve economic development goals and realize the community's vision.

Policy 6.1 **Economic development strategy.** Prioritize the allocation of public resources among various economic development efforts based on an adopted economic development strategy.

Policy 6.2 **Adequate staffing and funding.** Invest sufficient resources to provide adequate staff and funding to implement the economic development strategy and achieve economic development goals.

Policy 6.3 **Performance measurement.** Continuously measure the performance of economic development activities and adjust programs and projects as necessary, based on performance benchmarks and targets established in the economic development strategy.

Policy 6.4 **Municipal investment tied to measurable objectives.** Invest municipal resources to achieve economic development goals through other agencies and the private sector when governed by an agreement contingent upon achieving measurable objectives.

Policy 6.5 **Effective partnering.** Collaborate with regional economic development partners to achieve economic development goals, pursuant to measurable and effective agreements.

Policy 6.6 **Communication.** Communicate Clovis' economic development strengths, opportunities, successes, and activities to residents, local businesses, and economic development stakeholders.

Policy 6.7 **Long-term thinking.** The city may prioritize investments in economic development, which may generate long-term returns, versus investments in shorter-term projects and programs.

Draft Circulation Element

Purpose

The circulation element determines the transportation system necessary to accommodate the planned land use and development.

Key Issues

The primary issue for the circulation element is to maintain and improve the road network to safely and efficiently move people and goods in cars and trucks. However, it is also important to reduce vehicle miles traveled through coordinated land use planning and facilitating non-automotive travel (i.e., transit, bikes, and walking). Additionally, the community highly values an extensive recreational trail system that adds to the quality of life.

The circulation element and the associated diagrams set forth the goals, policies, and general parameters for the development of the transportation system. However, the specific designs and geometry of the transportation elements, (such as street and bicycle path cross sections, street alignment, streetscape widths and treatments, etc.), are to be determined by a comprehensive street system master plan that will also incorporate the standards from existing specific plans.

Figure C-1 provides the basic structure of the roadway system. Within the northwest growth area, arterials and the collectors are considered major roadways (generally on the half-mile grid including International, Perrin, Peach, Minnewawa north of Behymer, Sunnyside diagonal, Auberry Road, and Preuss), with alignments that are similar to those shown on the diagram. The exact locations of these streets will be determined by a separate action utilizing a plan line or other appropriate geometry study. Other collectors are shown conceptually and the exact alignment and number of collectors may vary.

Figure C-2 is reflective of the current Bicycle System Master Plan that is updated periodically and is the guiding document for implementation of the bicycle transportation system.

Goals and Policies

OVERARCHING GOAL: A comprehensive and well-maintained multimodal circulation system that provides for the safe and efficient movement of people and goods.

Goal 1: A context-sensitive and “complete streets” transportation network that prioritizes effective connectivity and accommodates a comprehensive range of mobility needs.

Goal 2: A roadway network that is well planned, funded, and maintained.

Goal 3: A multimodal transportation network that is safe and comfortable in the context of adjacent neighborhoods.

Goal 4: A bicycle and transit system that serves as a functional alternative to commuting by car.

Goal 5: A complete system of trails and pathways accessible to all residents.

Goal 6: Safe and efficient goods movement with minimal impacts on local roads and neighborhoods.

Goal 7: A regional transportation system that connects Clovis to the San Joaquin Valley region.

Goal 1: A context-sensitive and "complete streets" transportation network that prioritizes effective connectivity and accommodates a comprehensive range of mobility needs.

Policy 1.1 **Multimodal network.** The city shall plan, design, operate, and maintain the transportation network to promote safe and convenient travel for all users: pedestrians, bicyclists, transit riders, freight, and motorists.

Policy 1.2 **Transportation decisions.** Decisions should balance the comfort, convenience, and safety of pedestrians, bicyclists, and motorists.

Policy 1.3 **Age and mobility.** The design of roadways shall consider all potential users, including children, seniors, and persons with disabilities.

Policy 1.4 **Jobs and housing.** Encourage infill development that would provide jobs and services closer to housing, and vice versa, to reduce citywide vehicle miles travelled and effectively utilize the existing transportation infrastructure.

Policy 1.5 **Neighborhood connectivity.** The transportation network shall provide multimodal access between neighborhoods and neighborhood-serving uses (educational, recreational, or neighborhood commercial uses).

Policy 1.6 **Internal circulation.** New development shall utilize a grid or modified-grid street pattern. Areas designated for residential and mixed-use village developments should feature short block lengths of 200 to 600 feet.

Policy 1.7 **Narrow streets.** The City may permit curb-to-curb dimensions that are narrower than current standards on local streets to promote pedestrian and bicycle connectivity and enhance safety.

Policy 1.8 **Network completion.** New development shall complete the extension of stub streets planned to connect to adjacent streets.

Goal 2: A roadway network that is well planned, funded, and maintained.

Policy 2.1 **Level of service.** The following is the City's level of service (LOS) standards:

A. Achieve LOS D vehicle traffic operations during the a.m. and p.m. peak hours
B. Allow exceptions on a case-by-case basis where lower levels of service would result in other public benefits, such as:
    i. Preserving agriculture or open space land
    ii. Preserving the rural/historic character of a neighborhood
    iii. Preserving or creating a pedestrian-friendly environment in Old Town or mixed-use village districts
    iv. Avoiding adverse impacts to pedestrians, cyclists, and mass transit riders
    v. Where right-of-way constraints would make capacity expansion infeasible

Policy 2.2 **Multimodal LOS.** Monitor the evolution of multimodal level of service (MMLOS) standards. The city may adopt MMLOS standards when appropriate.

Policy 2.3 **Fair share costs.** New development shall pay its fair share of the cost for circulation improvements in accordance with the city's traffic fee mitigation program.

Policy 2.4 **Right-of-way dedication.** The city may require right-of-way dedication essential to the circulation system in conjunction with any development or annexation. The City shall request the County of Fresno to apply the same requirements in the Clovis planning area.

Policy 2.5 **Regional and state roadway funding.** Coordinate with the County of Fresno, City of Fresno, Fresno Council of Governments, and Caltrans to fund roadway improvements adjacent to and within the City's Planning Area.

Goal 3: A multimodal transportation network that is safe and comfortable in the context of adjacent neighborhoods.

Policy 3.1 **Traffic calming.** Employ traffic-calming measures in new developments and existing neighborhoods to control traffic speeds and maintain safety.

Policy 3.2 **Neighborhood Compatibility.** Periodically review and update design standards to ensure that new and redesigned streets are compatible with the context of adjacent neighborhoods.

Policy 3.3 **Old Town and Mixed Use Village Centers.** Transportation decisions on local streets in Old Town and mixed-use village centers shall prioritize pedestrians, then bicyclists, then mass transit, then motorists.

Policy 3.4 **Road diets.** Minimize roadway width as feasible to serve adjacent neighborhoods while maintaining sufficient space for public safety services.

Policy 3.5 **Roadway widening.** Only consider street widening or intersection expansions after considering multimodal alternative improvements to non-automotive facilities.

Policy 3.6 **Soundwalls.** Design roadway networks to disperse traffic to minimize traffic levels. Discourage soundwalls along new collector and local streets when feasible.

Policy 3.7 **Conflict points.** Minimize the number of and enhance safety at vehicular, pedestrian, and bicycle conflict points.

Policy 3.8 **Access management.** Minimize access points and curb cuts along arterials and prohibit them within 200 feet of an intersection where possible. Eliminate and/or consolidate driveways when new development occurs or when traffic operation or safety warrants.

Policy 3.9 **Park-once.** Encourage "park-once" designs where convenient, centralized public parking areas are accompanied by safe, visible, and well-marked access to sidewalks and businesses.

Policy 3.10 **Pedestrian access and circulation.** Entrances at signalized intersections should provide sidewalks on both sides of the entrance that connect to an internal pedestrian pathway to businesses and throughout nonresidential parking lots larger than 50 spaces.

Policy 3.11 **Right-of-way design.** Design landscaped parkways, medians, and right-of-ways as aesthetic buffers to improve the community's appearance and encourage non-motorized transportation.

Policy 3.12 **Residential orientation.** Where feasible, residential development should face local and collector streets to increase visibility and safety of travelers along the streets, and encourage pedestrian and bicycle access.

Goal 4: A bicycle and transit system that serves as a functional alternative to commuting by car.

Policy 4.1 **Bike and transit backbone.** The bicycle and transit system should connect Shaw Avenue, Old Town, the Medical Center/R&T Park, and the three Urban Centers.

Policy 4.2 **Priority for new bicycle facilities.** Prioritize investments in the backbone system over other bicycle improvements.

Policy 4.3 **Freeway crossings.** Require separate bicycle and pedestrian crossings for new freeway extensions and encourage separate crossings where Class I facilities are planned to cross existing freeways.

Policy 4.4 **Bicycles and transit.** Coordinate with transit agencies to integrate bicycle access and storage into transit vehicles, bus stops, and activity centers.

Policy 4.5 **Transit stops.** Improve and maintain safe, clean, comfortable, well-lit, and rider-friendly transit stops that are well marked and visible to motorists.

Policy 4.6 **Transit priority corridors.** Prioritize investments for, and transit services and facilities along the transit priority corridors.

Policy 4.7 **Bus rapid transit.** Plan for bus rapid transit and transit-only lanes on transit priority corridors as future ridership levels increase.

Goal 5: A complete system of trails and pathways accessible to all residents.

Policy 5.1 **Complete street amenities.** Upgrade existing streets and design new streets to include complete street amenities, prioritizing improvements to bicycle and pedestrian connectivity or safety (consistent with the Bicycle Transportation Master Plan and other master plans).

Policy 5.2 **Development-funded facilities.** Require development to fund and construct facilities as shown in the Bicycle Transportation Plan when facilities are in or adjacent to the development.

Policy 5.3 **Pathways.** Encourage pathways and other pedestrian amenities in Urban Centers and new development 10 acres or larger.

Policy 5.4 **Homeowner associations.** The city may require homeowner associations to maintain pathways and other bicycle and pedestrian facilities within the homeowner association area.

Policy 5.5 **Pedestrian access.** Require sidewalks, paths, and crosswalks to provide access to schools, parks, and other activity centers and to provide general pedestrian connectivity throughout the city.

Goal 6: Safe and efficient goods movement with minimal impacts on local roads and neighborhoods.

Policy 6.1 **Truck routes.** Plan and designate truck routes that minimize truck traffic through or near residential areas.

Policy 6.2 **Land use.** Place industrial and warehousing businesses near freeways and truck routes to minimize truck traffic through or near residential areas.

Goal 7: A regional transportation system that connects Clovis to the San Joaquin Valley region.

Policy 7.1 **Clovis Avenue extension.** Invest in the extension of Clovis Avenue north to Copper Avenue as funding is available.

Policy 7.2 **Right-of-way for future extensions.** Coordinate with Fresno County, the Fresno Council of Governments, and Caltrans to preserve future right-of-way for extending Clovis Avenue north of Copper Avenue to Auberry Road and future State Route 65.

Policy 7.3 **San Joaquin River crossing.** Collaborate with the Fresno Council of Governments and appropriate agencies to secure a San Joaquin River crossing between State Route 41 and North Fork Road.

Draft Public Facilities and Services Element

A. Purpose

The public facilities and services element defines the nature and types of public facilities, services, and activities necessary to maintain a high quality of life in Clovis.

B. Key Issues

The primary issue for the public facilities and services element is to align funding resources with the level of service the community expects. The City also seeks to maintain public safety, quality of schools, and other valued public facilities which make Clovis the premier community in the San Joaquin Valley. New with this General Plan is a focus on community health and well-being.

The basic sewer and water systems are shown in Figures PF-1 and PF-2. The systems shown represent the current master plans and are largely based on the 1993 general plan. The master plans for each system will be updated and adopted on a periodic basis.

C. Goals and Policies

OVERARCHING GOAL: A full range of high quality public services that sustains Clovis as the preeminent community in the Central Valley.

Goal 1: Reliable and cost-effective infrastructure systems that permit the city to sustainably manage its diverse water resources and needs.

Goal 2: A cost-effective, integrated waste management system that meets or exceeds state and federal recycling and waste diversion mandates.

Goal 3: Great schools and high quality educational and training facilities and programs that define Clovis as the preeminent community for families and a skilled workforce.

Goal 4: Community facilities and programs that connect members of all ages and abilities to a broad range of informational, communication, and recreational resources.

Goal 5: A community that promotes a physical, social, and business environment that improves the health and well-being of its citizens.

Goal 6: High quality emergency services that establish a real and perceived sense of safety and security for Clovis residents, businesses, and visitors.

Goal 1: Reliable and cost-effective infrastructure systems that permit the city to sustainably manage its diverse water resources and needs.

Policy 1.1 **New development.** New development shall pay its fair share of public facility and infrastructure improvements.

Policy 1.2 **Water supply.** Require that new development demonstrate contractual and actual sustainable water supplies adequate for the new development's demands.

Policy 1.3 **Annexation.** Prior to annexation, the city must find that adequate water supply and service and wastewater treatment and disposal capacity can be provided for the proposed annexation. Existing water supplies must remain with the land and be transferred to the City upon annexation approval.

Policy 1.4 **Development-funded facilities.** The City may require developments to install onsite or offsite facilities that are in excess of a development's fair share. However, the City shall establish a funding mechanism for future development to reimburse the original development for the amount in excess of the fair share costs.

Policy 1.5 **Recycled water.** Use recycled water to reduce the demands for new water supplies. Support the expansion of recycled water infrastructure throughout Clovis and require new development to install recycled water infrastructure where feasible.

Policy 1.6 **Master plans.** Periodically update water, recycled water, wastewater, and stormwater master plans and require all new development to be consistent with the current master plans.

Policy 1.7 **Groundwater.** Stabilize groundwater levels by requiring that new development water demands not exceed the sustainable groundwater supply.

Policy 1.8 **Water facility protection**. Protect existing and future water, wastewater, and recycled water facilities from encroachment by incompatible land uses that may be allowed through discretionary land use permits or changes in land use or zoning designations.

Goal 2: A cost-effective, integrated waste management system that meets or exceeds state recycling and waste diversion mandates.

Policy 2.1 **Minimize landfill disposal of solid waste.** Promote solid waste source reduction, reuse, and recycling; composting; and the environmentally-safe transformation of wastes.

Policy 2.2 **Waste diversion rate.** Meet the state's current and future waste diversion goals through the city's recycling and diversion programs.

Policy 2.3 **Expanded recycling.** Increase recycling by commercial, industrial, and multifamily generators.

Policy 2.4 **Green and household hazardous materials waste**. Encourage citywide participation in green waste reduction and household hazardous waste disposal programs.

Policy 2.5 **Clovis landfill.** Maintain at least 15 years of ongoing landfill capacity.

Policy 2.6 **Solid waste facility encroachment.** Protect existing or planned solid waste facilities from encroachment by incompatible land uses that may be allowed through discretionary land use permits or changes in land use or zoning designations.

Goal 3: Great schools and high quality educational and training facilities and programs that define Clovis as the preeminent community for families and a skilled workforce.

Policy 3.1 **Academic excellence.** Advocate for the continued pursuit of academic excellence in schools serving the Clovis community.

Policy 3.2 **School location.** Coordinate with the school districts to locate primary school facilities to maximize access, walkability, and safety while minimizing impacts to surrounding neighborhoods. Continue to foster the campus approach when siting secondary schools.

Policy 3.3 **Educational partners.** Partner with educational institutions throughout the region to expand the range and quality of educational offerings available to the community.

Policy 3.4 **Joint use of facilities.** Partner with public and private educational institutions to jointly use facilities for both civic and educational purposes.

Policy 3.5 **Workforce training.** Collaborate with industrial organizations, businesses, and educational institutions to create opportunities for workforce training.

Goal 4: Community facilities and programs that connect members of all ages and abilities to a broad range of cultural, informational, and recreational resources.

Policy 4.1 **Cultural facilities.** Encourage the establishment of a broad range of facilities and events that expose Clovis residents to a variety of cultures, the arts, history, and technology.

Policy 4.2 **Libraries and community centers.** Design and program libraries and community centers as focal points for community engagement and information for residents of all ages and abilities.

Policy 4.3 **Lifelong learning.** Enhance and expand Clovis' library facilities to meet the evolving educational and lifelong learning needs of the community. Coordinate with local educational institutions to offer courses and learning opportunities outside the classroom.

Policy 4.4 **Recreation programs.** Provide and/or sponsor recreational programs and services that are accessible and affordable to residents of all ages and abilities and encourage active and healthy living.

Policy 4.5 **Youth programs.** Coordinate with public and private schools, local nonprofits, service clubs, and other agencies to provide opportunities for youth to explore and enjoy sports, creative and performing arts, future career paths, civic activities, and volunteer opportunities.

Policy 4.6 **Senior programs.** Collaborate with service providers to provide a wide variety of senior services and programs, including daily opportunities for seniors to have physical activity, social interaction, and mental stimulation.

Policy 4.7 **Childcare and childhood development.** Encourage efforts to expand the overall capacity of and access to local childcare and early childhood development centers.

Policy 4.8 **Access to community facilities.** Improve transit connections to community facilities for people who are transit-dependent.

Goal 5: A community that promotes a physical, social, and business environment that improves the health and well-being of its citizens.

Policy 5.1 **Community education.** Provide and/or support the provision of campaigns that motivate healthy lifestyles and teach residents about the benefits of physical activity and healthy eating habits. Emphasize abuse prevention education for children in coordination with schools and the fire department.

Policy 5.2 **School meal program.** Encourage the school districts to provide healthy food choices and minimize the sale of unhealthy food options and ingredients.

Policy 5.3 **Healthy and local food venues.** Encourage stores and restaurants to offer and promote healthy food options, with a focus on underserved areas and areas near schools. Support incentives that encourage the development of retail venues that sell local, fresh produce.

Policy 5.4 **Restrict unhealthy options.** Discourage new liquor and tobacco stores and fast food restaurants near schools, neighborhoods, and in areas with an existing high concentration of such stores.

Policy 5.5 **Health and social services.** Support the permitting of sites for and services from organizations providing a broad range of health, prevention, and treatment services that reach individuals and families commensurate with the needs in Clovis. Locations of sites should be consistent with the Development Code.

Policy 5.6 **Healthy workplace.** Encourage building design and employee programs and policies that maintain and improve the health, well-being, and productivity of employees.

Policy 5.7 **Multiagency coordination.** Coordinate the activities and communications between code enforcement, fire, police, and public health agencies in the City of Clovis and County of Fresno to proactively identify and ameliorate hazardous building and living conditions that create chronic health problems.

Policy 5.8 **Access to medical facilities.** Work with healthcare providers to improve transit connections to local and regional healthcare facilities for people who are transit dependent.

Policy 5.9 **Proximity to emergency medical services.** Require senior care facilities and other services providers that may need frequent emergency medical services to locate in proximity to fire stations and medical service providers.

Goal 6: High quality emergency services that establish a real and perceived sense of safety and security for Clovis residents, businesses, and visitors.

Policy 6.1 **Fire and police service.** Maintain staffing, facilities, and training activities to effectively respond to emergency and general public service calls.

Policy 6.2 **Resource allocation.** Periodically conduct service level studies to analyze crime and emergency service performance data, to evaluate the effectiveness of prevention and reduction strategies, and to allocate resources accordingly.

Policy 6.3 **Emergency medical calls.** Explore options to lessen the demand on fire and police services or expand reimbursement programs to ensure the service pays for measured impacts.

Policy 6.4 **Skilled medical facilities.** Consider options to offset or apportion the higher cost of providing emergency medical service to facilities with existing skilled medical personnel on staff.

Policy 6.5 **Public safety hot spots.** Prioritize improvement and enforcement activities to minimize existing and prevent future public safety hot spots. Reevaluate siting and development standards for facilities that generate high demands for service calls.

Policy 6.6 **Interagency support.** Participate in mutual aid system and automatic aid agreements to back up and supplement capabilities to respond to emergencies.

Policy 6.7 **Interagency communications.** Maintain an effective communication system between emergency service providers within Clovis and neighboring jurisdictions.

Policy 6.8 **Emergency preparedness planning.** Maintain an emergency operations plan, an emergency operations center, and a hazard mitigation plan to prepare for actual or threatened conditions of disaster or extreme peril.

Policy 6.9 **Community outreach.** Conduct outreach in the community to promote personal and public safety in daily life and in cases of emergency. Regularly update and inform the public on the real levels of crime and safety to strengthen their perceived sense of personal security.

Draft Environmental Safety Element

Purpose

The environmental safety element focuses the protection of the community from environmental and man-made hazards.

Key Issues

The environmental safety element identifies safety issues and provides policy direction to minimize risk and to protect people, property, and the environment. Of primary concern is the protection of the community from floods, hazardous materials, and noise. The element also considers ways to better involve and inform the public.

Goals and Policies

OVERARCHING GOAL: A well-prepared community that understands and limits exposure to potential natural and human-made hazards and effectively responds to and recovers from public safety emergencies.

Goal 1: Minimized risk of injury, loss of life, property damage, and economic and social disruption caused by natural hazards.

Goal 2: A community that protects the public and environment from hazardous materials and waste.

Goal 3: An environment in which minimized noise contributes to the public's health, safety, and welfare.

Goal 1: Minimized risk of injury, loss of life, property damage, and economic and social disruption caused by natural hazards.

Policy 1.1 **Flood zone.** Prohibit development within the 100-year flood zone and dam inundation areas unless adequate mitigation is provided against flood hazards. Participate in the National Flood Insurance Program.

Policy 1.2 **Water system for fire hazards.** Maintain a water system to provide adequate peak water supply and system redundancy for firefighting services.

Policy 1.3 **Geologic and seismic risk.** Prohibit development on unstable terrain, excessively steep slopes, and other areas deemed hazardous due to geologic and seismic hazards unless acceptable mitigation measures are implemented. Require that underground utilities be designed to withstand seismic forces and accommodate ground settlement.

Policy 1.4 **Facilities that use hazardous materials.** Prohibit facilities using, storing, or otherwise involved with hazardous or toxic materials to be located in the 100-year flood zone unless all standards of elevation, flood proofing, and storage have been implemented.

Policy 1.5 **Critical and public facilities.** Locate and design critical and public facilities to minimize their exposure and susceptibility to flooding, seismic and geological effects, fire, and explosions. Ensure critical use facilities (e.g., hospital, police, and fire facilities) can remain operational during an emergency.

Policy 1.6 **Public information and emergency preparedness.** Provide the public with accurate and reliable information regarding natural hazards to prevent and mitigate potential risks and exposure for life and property. Continue to maintain a local hazard mitigation plan and conduct programs to inform the general public of the City's emergency preparedness and disaster response procedures.

Goal 2: A community that protects the public and environment from hazardous materials and waste.

Policy 2.1 **Safe storage and maintenance.** The use and storage of hazardous materials shall comply with applicable federal, state, and local laws to prevent and mitigate hazardous materials releases.

Policy 2.2 **Mitigation and remediation of groundwater contamination.** Actively participate in local and regional efforts directed at mitigating environmental exposure to and cleaning up contaminated groundwater.

Policy 2.3 **Truck routes for hazardous materials.** Maintain designated truck routes for the transportation of hazardous materials through the City. Discourage routes that pass through residential neighborhoods to the maximum extent feasible.

Policy 2.4 **Hazardous materials response team.** Maintain a Type 1 hazardous materials response team serving the City of Clovis.

Policy 2.5 **Safer Alternatives.** Minimize the use of hazardous materials by encouraging the selection of non-toxic alternatives that do not pose a threat to the environment.

Policy 2.6 **Community education.** Provide educational resources to residents and businesses to promote safe practices related to the use, storage, transportation, and disposal of hazardous materials.

Goal 3: An environment in which minimized noise contributes to the public's health, safety, and welfare.

Policy 3.1 **Land use compatibility.** Approve development and require mitigation measures to ensure existing and future land use compatibility as shown in the Noise Level Exposure and Land Use Compatibility Matrix and the city's noise ordinance.

Policy 3.2 **Land use and traffic patterns.** Discourage land use and traffic patterns that would expose sensitive land uses or noise-sensitive areas to unacceptable noise levels.

Policy 3.3 **New residential.** When new residential development is proposed adjacent to land designated for industrial or commercial uses, require the proposed development to assess potential noise impacts and fund feasible noise-related mitigation measures.

Policy 3.4 **Acoustical study.** Require an acoustical study for proposed projects that have the potential to exceed acceptable noise thresholds or are exposed to existing or future noise levels in excess of the thresholds in the city's noise ordinance.

Policy 3.5 **Site and building design.** Minimize noise impacts by requiring appropriate site, circulation, equipment, and building design, and sound walls, landscaping, and other buffers.

Policy 3.6 **Noise impacts.** Minimize or eliminate persistent, periodic, or impulsive noise impacts of business operations.

Policy 3.7 **Mixed-use buildings.** Require that mixed-use structures be designed to prevent transfer of noise and vibration between uses.

Policy 3.8 **Existing uses.** Require the use of noise abatement devices for existing uses that exceed acceptable noise thresholds.

Policy 3.9 **Caltrans facilities.** Coordinate with Caltrans to ensure the inclusion of noise mitigation measures in the design of new highway projects or improvements to existing facilities.

Policy 3.10 **Airport changes.** Coordinate with the Fresno Yosemite International Airport to minimize noise impacts on properties in Clovis due to changes in flight patterns or airport expansion.

Policy 3.11 **Airport land use compatibility.** Approve land uses in a manner that is consistent with the Fresno Yosemite International Airport Land Use Compatibility Plan.

Policy 3.12 **Truck traffic.** Plan and maintain truck routes that avoid noise-sensitive land uses and areas. Encourage business delivery areas to be located away from residential properties and to mitigate associated noise impacts.

Policy 3.13 **Small aircraft and helicopters.** Minimize the noise impact of small aircraft and helicopters on residential neighborhoods.

Policy 3.14 **Control sound at the source.** Prioritize using noise mitigation measures to control sound at the source before buffers, soundwalls, and other perimeter measures.

Draft Open Space and Conservation Element

Purpose

The open space and conservation element seeks to protect and preserve open space, productive agricultural areas, and environmental resources. This element also establishes goals for the maintenance and provision of new and existing parks.

Key Issues

The primary issue for the open space and conservation element is providing sufficient park space and recreation facilities to serve existing residents and planned growth. The element also seeks to celebrate and memorialize the community's natural, agricultural, and cultural roots. Additionally, the element provides policies to protect water supply and quality.

The open space and conservation element and its associated figure set forth the goals, policies, and general parameters for the fiscally sound and sustainable development and protection of our open space resource system. These documents are conceptual in nature and serve as guidance. The specifics of the city's park system such as the definition of the park classification system, general development criteria for each classification, and inventory of sites will be determined under the comprehensive City of Clovis Parks Master Plan. Guidance is also provided by the Urban Forest Management Plan.

Figure OS-1 is reflective of the current draft City of Clovis Parks Master Plan. Once approved, this Plan will be updated periodically and serve as the guiding document for the implementation of the city's open space facilities.

Goals and Policies

OVERARCHING GOAL: Recreation and open space that enhances quality of life, contributes to a healthy community, and conserves Clovis' natural and cultural resources.

Goal 1: Park and recreation facilities that are environmentally and fiscally sustainable and meet the needs of existing and future residents.

Goal 2: Natural, agricultural, and historic resources that are preserved and promoted as key features for civic pride and identity.

Goal 3: A built environment that conserves and protects the use and quality of water and energy resources.

Goal 1: Park and recreation facilities that are environmentally and fiscally sustainable and meet the needs of existing and future residents.

Policy 1.1 **Parkland standard**. Provide a minimum of 4 acres of public parkland for every 1,000 residents.

Policy 1.2 **Existing parks**. Upgrade and rehabilitate existing parks as necessary to meet the needs of the community and as the financial resources of the city allow.

Policy 1.3 **New parks and recreation facilities**. Provide a variety of parks and recreation facilities in underserved and growing areas of the community.

Policy 1.4 **Joint use of education facilities**. Provide a balanced system of parks and recreation facilities through joint use of facilities owned by school districts.

Policy 1.5 **Multipurpose open space**. Design public facilities as multipurpose open space and recreation to serve the community's infrastructure needs while preserving and enhancing open space and water features. Prioritize the use of existing basins for existing areas, and for future areas prioritize the development of separate park facilities available year round.

Policy 1.6 **Linkages**. Link open space, parks, and recreation facilities by incorporating flood control channels into the city's bicycle and trail system.

Policy 1.7 **Sustainability.** Develop new and maintain existing parks and recreation facilities to achieve fiscal and environmental sustainability.

Policy 1.8 **Funding**. Require new development to provide pocket and neighborhood parks, dedicate land for area parks, and pay impact fees for community and regional parks. Require new development to establish lighting and landscape maintenance districts to fund operations and maintenance.

Policy 1.9 **Master plan.** Periodically update the Parks Master Plan to direct the implementation of the city's open space facilities.

Goal 2: Natural, agricultural, and historic resources that are preserved and promoted as key features for civic pride and identity.

Policy 2.1 **Stewardship.** Promote responsible planning and management of land and resources among property owners.

Policy 2.2 **New development**. Encourage new development to incorporate on-site natural resources and low impact development techniques.

Policy 2.3 **Visual resources**. Maintain public views of open spaces, parks, and natural features. Enhance views along roadways and trails. Preserve Clovis' viewshed of the surrounding foothills and orient new development to capitalize on views of the Sierra Nevada.

Policy 2.4 **Agricultural lands**. Preserve the city's agricultural legacy through the Agricultural land use designation, memorialize agricultural history and culture, and facilitate thoughtful conversion of lands to development.

Policy 2.5 **Right to farm.** Support, encourage, and protect agricultural operations within Clovis and recognize their right to farm.

Policy 2.6 **Biological resources**. Support the protection of biological resources through the conservation of high quality habitat area.

Policy 2.7 **Native plants**. Encourage the use of native and climate-appropriate plant species and prohibit the use of plant species known to be invasive.

Policy 2.8 **Urban forest.** Maintain and enhance a diverse and healthy urban forest on public and private lands.

Policy 2.9 **National and state historic resources.** Preserve historical sites and buildings of state or national significance in accordance with the Secretary of Interior Standards for Historic Rehabilitation.

Policy 2.10 **Local historic resources.** Encourage property owners to maintain the historic integrity of the site by (listed in order of preference): preservation, adaptive reuse, or memorialization.

Policy 2.11 **Old Town.** Prioritize the preservation of the historic character and resources of Old Town.

Policy 2.12 **Public education**. Support public education efforts for residents and visitors about the unique historic, natural, and cultural resources in Clovis.

Goal 3: A built environment that conserves and protects the use and quality of water and energy resources.

Policy 3.1 **Stormwater management.** Encourage the use of low impact development techniques that retain or mimic natural features for stormwater management.

Policy 3.2 **Stormwater pollution**. Minimize the use of non-point source pollutants and stormwater runoff.

Policy 3.3 **Well water.** Prohibit the use of new private wells in new development.

Policy 3.4 **Drought-tolerant landscaping**. Promote water conservation through the use of drought-tolerant landscaping on existing and new residential properties. Require drought-tolerant landscaping for all new commercial and industrial development and city-maintained landscaping, unless used for recreation purposes.

Policy 3.5 **Energy and water conservation**. Encourage new development and substantial rehabilitation projects to exceed energy and water conservation and reduction standards set in the California Building Code.

Policy 3.6 **Renewable Energy.** Promote the use of renewable and sustainable energy sources to serve public and private sector development.

Policy 3.7 **Construction and design**. Encourage new construction to incorporate energy efficient building and site design strategies.

Air Quality Element

Purpose

The air quality element addresses the role of local land use planning in improving regional air quality.

Key Issues

The air quality element augments other General Plan elements with specific goals and policies to assist efforts in attaining better air quality for Clovis and the San Joaquin Valley. The element addresses the relationship between growth, land use activities, and transportation needs. Unlike other elements, it also provides policy guidance for construction, ongoing operations, and other activities.

Goals and Policies

OVERARCHING GOAL: Improved air quality through effective land use and transportation planning, regional cooperation, and a reduction in emissions.

Goal 1: A local environment that is protected from air pollution and emissions.

Goal 2: A region with healthy air quality and lower greenhouse gas emissions.

Goal 1: A local environment that is protected from air pollution and emissions.

Policy 1.1 **Land use and transportation.** Reduce greenhouse gas and other local pollutant emissions through mixed use and transit-oriented development and well-designed transit, pedestrian, and bicycle systems.

Policy 1.2 **Sensitive Land Uses.** Prohibit, without sufficient mitigation, the future siting of sensitive land uses within the distances of emission sources as defined by the California Air Resources Board.

Policy 1.3 **Construction activities.** Encourage the use of best management practices during construction activities to reduce emissions of criteria pollutants as outlined by the San Joaquin Valley Air Pollution Control District (SJVAPCD).

Policy 1.4 **City buildings**. Require that municipal buildings be designed to exceed energy and water conservation and greenhouse gas reduction standards set in the California Building Code.

Policy 1.5 **Fleet operations**. Purchase low- or zero-emission vehicles for the city's fleet where feasible. Use clean fuel sources for city-owned mass transit vehicles, automobiles, trucks, and heavy equipment where feasible.

Policy 1.6 **Alternative fuel infrastructure.** Encourage public and private activity and employment centers to incorporate electric charging and alternative fuel stations.

Policy 1.7 **Employment measures.** Encourage employers to provide programs, scheduling options, incentives, and information to reduce vehicle miles traveled by employees.

Policy 1.8 **Trees.** Maintain or plant trees where appropriate to provide shade, absorb carbon, improve oxygenation, slow stormwater runoff, and reduce the heat island effect.

Goal 2: A region with healthy air quality and lower greenhouse gas emissions.

Policy 2.1 **Regional coordination.** Support regional efforts to reduce air pollution (criteria air pollutants and greenhouse gas emissions) and collaborate with other agencies to improve air quality at the emission source and reduce vehicle miles traveled.

Policy 2.2 **Cross-jurisdicitonal issues.** Collaborate with regional agencies and surrounding jurisdictions to address cross-jurisdictional transportation and air quality issues.

Policy 2.3 **Valleywide programs.** Establish parallel air quality programs and implementation measures with other communities across the San Joaquin Valley.

Policy 2.4 **Public participation.** Encourage participation of local citizens, the business community, and interested groups and individuals in air quality planning and implementation.

Policy 2.5 **Public education.** Promote programs that educate the public about regional air quality issues and solutions.

Policy 2.6 **Innovative mitigation.** Encourage innovative mitigation measures to reduce air quality impacts by coordinating with the SJVAPCD, project applicants, and other interested parties.

Appendix E

Air Quality and Greenhouse Gas Emissions Modeling

Appendices

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Emissions Inventory Methodology

The following describes the methodology utilized in preparing the GHG emissions inventories for the Year 2012, General Plan Update Year 2035 Under BAU Conditions, General Plan Update Year 2035 Under ABAU Conditions, General Plan Update Post-Year 2035 under BAU Conditions, and General Plan Update Post-Year 2035 Under ABAU Conditions scenarios.

- **Transportation:** Transportation emissions forecasts were modeled for vehicle trips beginning and ending within the Plan Area and from external/internal vehicle trips (i.e. trips that either begin or end within the Plan Area) using CARB's EMFAC2011-PL. Model runs were based on VMT and speed bin data provided by Fehr & Peers using the Fresno COG Travel Demand Forecast Model and 2005 (BAU), 2012 (existing), and 2035 emission rates. Per capita VMT and trips were adjusted based on the population and employment in the Plan Area. Forecasts are adjusted for increases in population in the City, its SOI, and the non-SOI plan areas. Adjusted daily VMT was multiplied by 347 days per year to account for reduced traffic on weekends and holidays to estimate annual emissions. This assumption is consistent with CARB's methodology within the Climate Change Scoping Plan Measure Documentation Supplement. Modeling was conducted for both a BAU scenario, which does not include GHG emissions reduction from the Pavley Fuel Efficiency Standard, LCFS, and local VMT reduction measures (for post-2035 scenarios only), and a scenario that accounts for these regulations as well as reductions associated with land use and transportation measures included in the proposed General Plan Update.

- **Residential and Nonresidential Energy:** Natural gas and electricity use for residential and non-residential land uses in the Plan Area were modeled using data provided by Pacific Gas & Electric (PG&E). Natural gas and electricity use are based on three- and six-year averages, respectively, to account for fluctuation in annual natural use as a result of natural variations in climate. Energy usage associated with the SOI and non-SOI plan areas were calculated based on the number of residents and employees for each multiplied to the energy usage rate for the City. These subtotals were added to the energy usage reported for the City. Forecasts are adjusted for increases in population in the City, its SOI, and the non-SOI plan areas. The carbon intensity of PG&E's purchased electricity is based on the average CO_2 intensity factor as provided in its Community Wide GHG Inventory Report for City of Clovis in addition to the year 2009 intensity factors for CH4 and N2O provided by the USEPA e-GRID data for the Western Electricity Coordinating Council (WECC) Region. Reductions from BAU for residential electricity use include a reduction in carbon intensity of PG&E's energy supply required under the 33 percent RPS (CEC 2012), an increase in building energy efficiency as a result of changes to the Building and Energy Efficiency Standards, and energy conservation measures.

- **Waste:** Modeling of landfilled waste disposed of by residents and employees in the Plan Area is based on the waste commitment method using the CARB's Landfill Emissions Tool model, version 1.3, based on waste disposal (municipal solid waste and alternative daily cover) and waste characterization data from CalRecycle (CalRecycle 2014). Landfills in California have gas capture systems, but because the landfill gas captured is not under the jurisdiction of the City, the landfill gas emissions from the capture system are not included in the Plan Area's inventory. Only fugitive sources of GHG emissions from landfill are included. Modeling assumes a 75 percent reduction in fugitive GHG emissions from the landfill's gas capture system. The landfill gas capture efficiency is

based on CARB's Local Government Operations Protocol (LGOP), Version 1.1. Biogenic CO_2 emissions are not included. Waste generation associated with the SOI and non-SOI plan areas were calculated based on the service population in each multiplied to the waste generation rate determine for the City. The total waste generation associated with the SOI and non-SOI plan areas were then added to the City of Clovis waste stream. Forecasts are adjusted for increases in population and employment in the City, its SOI, and non-SOI plan areas.

- **Water/Wastewater:** GHG emissions from water and wastewater include indirect GHG emissions from the embodied energy (i.e., energy required to treat and distribute) of water and wastewater. Total water generation in the Plan Area is based on the City's 2010 UWMP and wastewater generation rates provided by the City. Forecasts are adjusted for increases in population and employment and are based on the target per capita SBx7-7.[1] Energy use from water use and wastewater treatment is estimated using energy rates identified by the CEC (CEC 2006c) and carbon intensity of energy as provided and identified by PG&E and USEPA e-GRID data (see Residential and Nonresidential discussion). In addition to the indirect emissions associated with the embodied energy of water use and wastewater treatment, wastewater treatment also results in fugitive GHG emissions from wastewater processing at the Clovis Water Reuse Facility. Fugitive emissions from wastewater treatment associated with the Plan Area were calculated using the emission factors in CARB's LGOP, Version 1.1. Forecasts are adjusted for increases in population and employment in the Plan Area.

- **Other Sources:** OFFROAD2007 was used to estimate GHG emissions from landscaping equipment, light commercial equipment, and construction equipment in the City. OFFROAD2007 is a database of equipment use and associated emissions for each county compiled by CARB. Annual emissions were compiled using OFFROAD2007 for the County of Fresno for year 2012 in addition to year 2005 for BAU. In order to determine the percentage of emissions attributable to the Plan Area, landscaping and light commercial equipment is estimated based on population (Landscaping) and employment (Light Commercial Equipment) for the City of Clovis as a percentage of Fresno County. Agricultural equipment is estimated on the amount of agricultural lands in the Plan Area and County of Fresno based on the California Division of Land Resource Protection (DLRP). Construction equipment use is estimated based on building permit data for the City of Clovis and County of Fresno from data compiled by the U.S. Census. Daily emissions from off-road construction and agricultural equipment are multiplied by 347 days per year to account for reduced/limited construction activity on weekends and holidays. Forecasts are adjusted for increases in population and employment in the Plan Area, with the exception of construction and agricultural activities. It is assumed that construction emissions for the forecast year would be similar to historical levels. Agricultural emissions for year 2035 are based on a forecast of agricultural lands based on the rate of change for the County of Fresno between years 2002 to 2010. Post-2035 agricultural emissions are based on the proposed Land Use Plan. Area sources exclude emissions from fireplaces and consumer products in the Plan Area.

[1] SBx7-7 (2009) requires all water suppliers to reduce per capita urban water use by 20 percent by 2020, with incremental progress towards this goal (10 percent by 2015). The 2010 UWMPs contain water use targets to meet this requirement. Effective 2016, urban retail water suppliers who do not meet the water conservation requirements established by SBx7-7 are not eligible for state water grants or loans.

- **Permitted Sources:** Natural gas use data for permitted sources was provided by SJVAPCD. Emissions are based on a 5-year (2008 to 2012) average use. The heat content is based on the value provided in CARB's Local Government Operations Protocol (LGOP), Version 1.1. Due to the 15/15 Rule, natural gas use data for industrial land uses may also be aggregated with the non-industrial land uses in the data provided by PG&E.[2]

[2] The 15/15 Rule was adopted by the CPUC in the Direct Access Proceeding (CPUC Decision 97-10-031) to protect customer confidentiality. The 15/15 rule requires that any aggregated information provided by the Utilities must be made up of at least 15 customers and a single customer's load must be less than 15 percent of an assigned category. If the number of customers in the complied data is below 15, or if a single customer's load is more than 15 percent of the total data, categories must be combined before the information is released. The Rule further requires that if the 15/15 Rule is triggered for a second time after the data has been screened once already using the 15/15 Rule, the customer be dropped from the information provided.

CITY OF CLOVIS - CRITERIA AIR POLLUTANT INVENTORY

EXISTING BASELINE	2012 - lbs/day					
SECTORS	**ROG**	**NO_x**	**CO**	**SO_x**	**PM_{10}**	**$PM_{2.5}$**
Transportation	669	5,693	11,742	23	380	233
Energy - Residential (Natural Gas)	50	426	181	3	34	34
Energy - Nonresidential* (Natural Gas)	15	132	111	1	10	10
Energy sub-total	*64*	*557*	*292*	*4*	*44*	*44*
Area Sources (Landscaping, Light Commercial Equipment)	228	83	2,947	0	11	10
Other (Construction and Agricultural Equipment)	376	2,593	2,241	3	158	157
Total	1,338	8,927	17,222	30	594	444
Permitted Sources	6	40	33	3	5	5
Total - With Permitted Sources	1,344	8,967	17,255	33	598	449

	2012 - tons/year					
SECTORS	**ROG**	**NO_x**	**CO**	**SO_x**	**PM_{10}**	**$PM_{2.5}$**
Transportation	116	988	2,037	4	66	40
Energy - Residential (Natural Gas)	9	78	33	0.50	6	6
Energy - Nonresidential* (Natural Gas)	3	24	20	0.14	2	2
Energy sub-total	*12*	*102*	*53*	*0.64*	*8*	*8*
Area Sources (Landscaping, Light Commercial Equipment)	42	15	538	0.05	2	2
Other (Construction and Agricultural Equipment)**	65	450	389	0.54	27	27
Total	235	1,555	3,017	5	103	78
Permitted Sources	1	7	6	1	1	1
Total - With Permitted Sources	236	1,561	3,023	6	104	85

EXISTING w/2035 EMISSION RATES	2035 Existing Land Uses - lbs/day					
SECTORS	**ROG**	**NO_x**	**CO**	**SO_x**	**PM_{10}**	**$PM_{2.5}$**
Transportation	208	1,238	3,427	23	262	123
Energy - Residential (Natural Gas)	50	426	181	3	34	34
Energy - Nonresidential* (Natural Gas)	15	132	111	1	10	10
Energy sub-total	64	557	292	4	44	44
Area Sources (Landscaping, Light Commercial Equipment)	228	83	2,947	0.25	11	10
Other (Construction and Agricultural Equipment)**	376	2,593	2,241	3	158	157
Total	877	4,471	8,907	30	476	335
Net Change from Baseline	-467	-4,495	-8,348	-2	-123	-114
	2035 Existing Land Uses - tons/year					
SECTORS	**ROG**	**NO_x**	**CO**	**SO_x**	**PM_{10}**	**$PM_{2.5}$**
Transportation	36	215	595	4	46	21
Energy - Residential (Natural Gas)	9	78	33	0.50	6	6
Energy - Nonresidential* (Natural Gas)	3	24	20	0.14	2	2
Energy sub-total	12	102	53	0.64	8	8
Area Sources (Landscaping, Light Commercial Equipment)	42	15	538	0.05	2	2
Other (Construction and Agricultural Equipment)**	65	450	389	0.54	27	27
Total	155	782	1,574	5	83	59
Net Change from Baseline	-80	-773	-1,443	0	-20	-19

CITY OF CLOVIS - CRITERIA AIR POLLUTANT INVENTORY

FORECAST YEAR 2035	2035 Land Uses - lbs/day					
SECTORS	**ROG**	**NO_x**	**CO**	**SO_x**	**PM_{10}**	**$PM_{2.5}$**
Transportation	435	2,615	7,094	49	545	256
Energy - Residential (Natural Gas)	81	689	293	4	56	56
Energy - Nonresidential* (Natural Gas)	30	270	227	2	21	21
Energy sub-total	*110*	*959*	*520*	*6*	*76*	*76*
Area Sources (Landscaping, Light Commercial Equipment)	375	146	4,906	0	18	18
Other (Construction and Agricultural Equipment)**	375	2,584	2,230	3	158	156
Total	1,295	6,303	14,750	58	797	507
Net Change from Baseline	418	1,832	5,843	28	321	172
	2035 Land Uses - tons/year					
SECTORS	**ROG**	**NO_x**	**CO**	**SO_x**	**PM_{10}**	**$PM_{2.5}$**
Transportation	75	454	1,231	8	95	44
Energy - Residential (Natural Gas)	15	126	53	1	10	10
Energy - Nonresidential* (Natural Gas)	5	49	41	0	4	4
Energy sub-total	*20*	*175*	*95*	*1*	*14*	*14*
Area Sources (Landscaping, Light Commercial Equipment)	68	27	895	0	3	3
Other (Construction and Agricultural Equipment)**	65	448	387	1	27	27
Total	229	1,104	2,608	10	139	89
Net Change from Baseline	**74**	**322**	**1,033**	**5**	**56**	**30**
FORECAST YEAR P-2035 (GP Buildout)	**P-2035 Land Uses - lbs/day**					
SECTORS	**ROG**	**NO_x**	**CO**	**SO_x**	**PM_{10}**	**$PM_{2.5}$**
Transportation	733	4,514	11,655	81	905	428
Energy - Residential (Natural Gas)	129	1,101	469	7	89	89
Energy - Nonresidential* (Natural Gas)	41	370	311	2	28	28
Energy sub-total	*170*	*1,471*	*779*	*9*	*117*	*117*
Area Sources (Landscaping, Light Commercial Equipment)	594	221	7,694	1	28	28
Other (Construction and Agricultural Equipment)**	365	2,525	2,160	3	154	153
Total	1,861	8,731	22,288	94	1,204	725
	P-2035 Land Uses - tons/year					
SECTORS	**ROG**	**NO_x**	**CO**	**SO_x**	**PM_{10}**	**$PM_{2.5}$**
Transportation	134	824	2,127	15	165	78
Energy - Residential (Natural Gas)	24	201	86	1	16	16
Energy - Nonresidential* (Natural Gas)	7	67	57	0	5	5
Energy sub-total	*31*	*268*	*142*	*2*	*21*	*21*
Area Sources (Landscaping, Light Commercial Equipment)	108	40	1,404	0	5	5
Other (Construction and Agricultural Equipment)**	63	438	375	1	27	26
Total	336	1,571	4,048	17	218	131
Net Change from Baseline	**182**	**789**	**2,474**	**12**	**135**	**72**

CITY OF CLOVIS - CRITERIA AIR POLLUTANT INVENTORY

Notes:

Transportation. EMFAC2011 (exhaust and evaporative only) and Fehr and Peers.

Emissions forecasts estimated based on changes in population (residential energy), employment (nonresidential energy), or service population (transportation)

Energy. Based on a three-year average (2009-2011) of energy and natural gas use provided by PG&E. Nonresidential includes direct access customers, county facilities, and other district facilities within the City boundaries.

Area Sources. OFFROAD2007. Estimated based on population (Landscaping) and employment (Light Commercial Equipment) for Clovis as a percentage of Fresno County. Permitted sources shown only for existing conditions for informational purposes only. Does not include emissions from wood-burning fireplaces.

Other Sources. OFFROAD2007. Construction emissions estimated based on housing permit data for Fresno County and Clovis from the US Census. Agricultural emissions estimated based the proportion of farmland in Clovis and County of Fresno. ** Daily offroad construction and agricultural emissions multiplied by 347 days/year to account for reduced/limited construction activity on weekends and holidays. Excludes fugitive emissions from construction sites.

Permitted Sources: Emissions are the average emissions from years 2010 to 2012. PM2.5 emissions are assumed to be 99% of PM10 emissions (South Coast Air Quality Management District. 2006, October. Final Methodology to Calculate PM2.5 and PM2.5 Significance Thresholds). Information provided by SJVAPCD. Industrial Sector are "point" sources that are permitted by SJVAPCD. Because the reductions associated with the Industrial sector are regulated separately by SJVAPCD and CARB (e.g., through the CAP and trade program and industry-specific sector reductions) and are not under the jurisdiction of the City of Clovis, these emissions are shown for informational purposes only.

CITY OF CLOVIS - COMMUNITY GHG EMISSIONS INVENTORY

	$MTCO_2e$ Business as Usual Forecasts						$MTCO_2e$ Adjusted BAU			
SECTORS	**2012**	**Percent of Total**	**2035 BAU (2005 Rates)**	**Percent of Total**	**P-2035 BAU (2005 Rates)**	**Percent of Total**	**2035**	**Percent of Total**	**P-2035**	**Percent of Total**
Transportation	370,517	63%	817,121	70%	1,451,405	73%	572,759	66%	1,020,041	70%
Residential (Natural Gas and Electricity)	81,758	14%	138,027	12%	220,648	11%	106,469	12%	170,200	12%
Nonresidential* (Natural Gas and Electricity)	45,685	8%	95,735	8%	164,007	8%	72,609	8%	124,389	8%
Solid Waste (Waste Commitment)	22,910	4%	39,527	3%	60,902	3%	39,527	5%	60,902	4%
Water/Wastewater	23,649	4%	40,194	3%	59,949	3%	30,191	3%	45,041	3%
Other - Offroad Equipment	46,415	8%	38,645	3%	43,462	2%	43,040	5%	44,325	3%
Total Community Emissions	590,935	100%	1,169,250		2,000,374		864,594		1,464,899	
Service Population	146,500		246,500		401,200		246,500		401,200	
$MTCO_2e$/SP	4.0		4.7		5.0		3.5		3.7	
Permitted (Industrial) Sources of GHGs	265,643		265,643		265,643		265,643		265,643	
Total Community Emissions with Permitted Uses	856,578		1,434,893		2,266,017		1,130,237		1,730,542	

Notes:

Emissions forecast based on changes in population (residential energy), employment (nonresidential energy), or service population (City energy, waste, water/wastewater, transportation).

Transportation. EMFAC2011 (exhaust and evaporative only) and Fehr and Peers.

Energy. Energy use based on a three-year (2009-2011) electricity consumption average and a six-year (2006-2011) natural gas use average provided by PG&E . Nonresidential includes direct access customers, county facilities, and other district facilities within the City boundaries. PG&E energy based on the CO_2 intensity factor as reported in PG&E's Community Wide GHG Inventory Report for City of Clovis and the MH_4 and N_20 intensity factors as reported in the 2009 USEPA eGrid data. Electricity and natural gas use from industrial and permitted facilities may be included with the overall amounts for non-residential uses as the 15/15 Rule was triggered.

Water/Wastewater. Includes fugitive emissions from wastewater processing and energy associated with water/wastewater treatment and conveyance. Water use is estimated based on generation rates identified in the City of Clovis' Urban Water Management Plan 2010 Update.

Waste. Landfill Emissions Tool Version 1.3 and CalRecycle. Waste generation based on three year average (2010-2012) waste commitment for the City of Clovis obtained from CalRecycle. Assumes 75 percent of fugitive GHG emissions are captured within the landfill's Landfill Gas Capture System with a landfill gas capture efficiency of 75%. The Landfill gas capture efficiency is based on the California Air Resources Board's (CARB) Local Government Operations Protocol (LGOP), Version 1.1. Significant CH4 production typically begins one or two years after waste disposal in a landfill and continues for 10 to 60 years or longer. Consequently, the highest CH_4 emissions from waste disposal in a given year are reported.

Other Sources. OFFROAD2007. Estimated based on population (Landscaping) and employment (Light Commercial Equipment) for the City of Clovis as a percentage of Fresno County. Excludes SVJAPCD permitted sources. Construction is estimated based on housing permit data for Clovis and County of Fresno. Emissions from agricultural equipment is estimated based on farmland data for Clovis and County of Fresno. Daily construction and agricultural emissions multiplied by 347 days/year to account for reduced/limited construction activity on weekends and holidays.

Industrial Sector are "point" sources that are permitted by SJVAPCD. The reductions associated with the Industrial sector are regulated separately by SJVAPCD and CARB (e.g., through the CAP and trade program and industry-specific sector reductions) and are not under the jurisdiction of the City of Clovis.

Adjusted BAU includes reductions identified in the Scoping Plan associated with Transportation (Pavely+LCFS), Energy & Water/Wastewater (improvements in the carbon intensity of electricity identified by PG&E), and Other (LCFS). The current inventory does not account for reductions in building energy use from Title 24 cycle updates.

CITY OF CLOVIS - GHG EMISSIONS INVENTORY COMPARISON

	Substantial Increase				Change from SJVAPCD BAU	
	Change of ABAU from 2012 $MTCO_2e$				Change from BAU to ABAU	
SECTORS	Delta 2035	Percent of Total	Delta P-2035		Delta 2035	Delta P-2035
Transportation	202,242		649,524		(244,363)	(431,364)
Residential (Natural Gas and Electricity)	24,711		88,442		(31,558)	(50,448)
Nonresidential* (Natural Gas and Electricity)	26,923		78,704		(23,126)	(39,618)
City (Natural Gas and Electricity)	0		0		0	0
Waste	16,617		37,992		0	0
Water/Wastewater	6,542		21,393		(10,003)	(14,908)
Other - Offroad Equipment	(3,376)		(2,091)		4,394	863
Total Community Emissions	273,659		873,964		(304,655)	(535,476)
	46%		148%		-26%	-27%
	Meet SJVAPCD 29% below BAU Standard?				No	No

Model Inputs

	From Buildout Memo		
	2012	2035	P-2035
Population	115,000	184,100	294,300
Employment	31,500	62,400	106,900
Service Population	**146,500**	**246,500**	**401,200**

Notes:

	Sector Inputs		
ELECTRICITY	2012	2035	P-2035
Residential Electricity (Kwh)	404,598,042	647,708,692	1,035,419,163
Commercial + Industrial Electricity + Ag (Kwh)	239,607,323	474,650,697	813,143,581
Clovis (Kwh)	0	0	0
Total Electricity (Kwh)	644,205,365	1,122,359,388	1,848,562,745
NATURAL GAS	2012	2035	P-2035
Residential Natural Gas (Therms)	16,849,406	26,973,702	43,119,829
Commercial Natural Gas (Therms)	4,957,779	9,821,124	16,824,971
Total Natural Gas (Therms)	21,807,185	36,794,826	59,944,799
INDUSTRIAL	2012	2035	P-2035
Permitted Facilities Natural Gas (Therms)	488,034,702	488,034,702	488,034,702
Total Natural Gas w/ Permitted Sources	509,841,887	524,829,528	547,979,501
TRANSPORTATION	2012	2035	P-2035
VMT/Day	1,930,092	3,918,069	6,763,492
WATER	2012	2035	P-2035
Water (AF/year)	37,223	53,557	
Water (gallons/year)	12,129,167,742	17,451,624,983	25,456,165,336
Wastewater (gallons/year)	4,070,682,575	7,197,741,600	11,029,420,350
Indoor Water as a Percent of Total Water Use	34%	41%	43%
SOLID WASTE	2012	2035	P-2035
Waste Generation (tons/year)	72,006	121,157	197,193
Waste Generation ADC (tons/year)	0	0	0
Total Waste Disposal (tons/year)	72,006	121,157	197,193

Sources

Electricity and natural gas identified provided by PG&E and based on six-year (2006-2011) and three-year averages (2009-2011), respectively. Commercial/Industrial includes direct access energy. Forecasts in energy are based on the change in population and employment.

VMT provided by Fehr and Peers derived from the Fresno COG Travel Demand Forecast Model and adjusted for Population and Employment. Adjusted Daily vehicles miles traveled (VMT) multiplied by 347 days/year to account for reduced traffic on weekends and holidays. This assumption is consistent with the California Air Resources Board's (CARB) methodology within the Climate Change Scoping Plan Measure Documentation Supplement.

Total water generation for Clovis is based on the City of Clovis' 2010 Urban Water Management Plan Update SBX7-7 gallons per capita per day (gpcd). Forecasts (2035 and post-2035) are adjusted for increases in population and employment and are based on the Target per capita SBx7-7 for the City of Clovis.

Waste generation based on waste commitment for the City of Clovis is obtained from CalRecycle. Forecasts are based on an average 2012-2010 disposal rate and adjusted for increases in population and employment.

CITY OF CLOVIS — TRANSPORTATION SECTOR

VMT	City of Clovis						
	Population	Employment	Service Population (SP)	Daily VMT*	Rate (VMT/ SP)	Adjusted Daily VMT	Annual VMT
Year 2012	113,738	30,487	144,225	1,900,120	13.17	1,900,000	659,300,000
Year 2035	184,100	62,400	246,500	3,918,069	15.89	3,918,000	1,359,546,000
Year P-2035	294,300	85,500	379,800	6,402,728	16.86	6,403,000	2,221,841,000
Baseline in P-2035	113,738	30,487	144,225	1,900,120	13.17	1,900,000	659,300,000
Year 2035 BAU (2005 Emissions)	184,100	62,400	246,500	3,918,069	15.89	3,918,000	1,359,546,000
Year P-2035 BAU (2005 Emissions)	294,300	85,500	379,800	6,402,728	16.86	6,403,000	2,221,841,000
F&P Baseline	107,492	23,853	131,345	1,730,430	13.17		
F&P 2035	179,904	59,102	239,006	3,798,953	15.89		
F&P Post-2035	286,769	120,600	407,369	6,867,490	16.86		
Source: 2012, 2035, and post-2035 VMT is based on data provided by Fehr & Peers.							
VMT is adjusted based on per capita VMT in the Traffic Study provided by Fehr and Peers (i.e., VMT/population and employment (service population)).							
Adjusted Daily vehicles miles traveled (VMT) multiplied by 347 days/year to account for reduced traffic on weekends and holidays. This assumption is consistent with the California Air Resources Board's (CARB) methodology within the Climate Change Scoping Plan Measure Documentation Supplement.							

CRITERIA AIR POLLUTANTS

	lbs/day					
	ROG	NOx	CO	SOx	PM10	PM2.5
Year 2012	669	5,693	11,742	23	380	233
Year 2035	435	2,615	7,094	49	545	256
Year P-2035	733	4,514	11,655	81	905	428
Baseline in P-2035	208	1,238	3,427	23	262	123
	Tons/year					
	ROG	NOx	CO	SOx	PM10	PM2.5
Year 2012	116	988	2,037	4	66	40
Year 2035	75	454	1,231	8	95	44
Year P-2035	127	783	2,022	14	157	74
Baseline in P-2035	36	215	595	4	46	21
Daily emissions multiplied by 347 days/year to account for reduced traffic on weekends and holidays. This assumption is consistent with the California Air Resources Board's (CARB) methodology within the Climate Change Scoping Plan Measure Documentation Supplement.						
Source: EMFAC2011-SG						

GHG EMISSIONS

	MTons/year - Business as Usual (BAU)			MTons/year - Adjusted			Percent Change from BAU	Percent Change from 2012
	N_2O	CO_2	CO_2e	N_2O	CO_2	CO_2e		
Year 2012	28	355,929	364,763	28	345,058	353,891	-3%	NA
Year 2035	13	756,793	760,851	13	568,701	572,759	-25%	62%
Year P-2035	23	1,266,545	1,273,550	23	958,627	965,632	-24%	173%
Baseline in P-2035	6	363,358	365,279	6	272,476	274,397	-25%	-22%
Year 2035 BAU (2005 Emissions)	119	780,230	817,121	N/A	N/A	N/A	N/A	N/A
Year P-2035 BAU (2005 Emissions)	205	1,310,398	1,373,987	N/A	N/A	N/A	N/A	N/A
Source: EMFAC2011-SG								
Note: MTons = metric tons; CO_2e = carbon dioxide-equivalent. Adjusted BAU Includes Pavley and the Low Carbon Fuel Standard (LCFS).								

State and Federal Fuel Efficiency Improvements + Low Carbon Fuel Standard (LCFS)

1493) Pavley I Fuel Efficiency Standards. In addition, the State of California has adopted the Low Carbon Fuel Standard (LCFS). In January 2012, the California Air Resources Board (CARB) adopted the Advanced Clean Car Program which implements the Pavley II Fuel Efficiency Standards and projects that by 2025, one in every seven new cars sold will be electric vehicles (PHEV or PEV). However, the Pavley II Advanced Clean Car Program is not included in the transportation emissions reductions and therefore reductions are conservative.

On December 29, 2011, the U.S. District Court for the Eastern District of California issued several rulings in the federal lawsuits challenging the LCFS. One of the court's rulings preliminarily enjoins the CARB from enforcing the regulation during the pendency of the litigation. In January 2012, CARB appealed the decision and on April 23, 2012, the Night Circuit Court granted CARB's motion for a stay of the injunction while it continues to consider CARB's appeal of the lower court's decision.

Year 2012 Criteria Air Pollutants

Based on EMFAC2011

EMFAC2011-PL Speed Bins

	VMT Speed Bins (MPH)	Daily VMT	% of Total	Adjusted Daily VMT[1]	Adjusted Annual VMT[2]
5	0 - 5	45	0.00%	49	17,146
10	5 - 10	94	0.01%	103	35,817
15	10 - 15	99,293	5.74%	109,030	37,833,377
20	15 - 20	1,049	0.06%	1,152	399,698
25	20 - 25	6,076	0.35%	6,672	2,315,124
30	25 - 30	55,681	3.22%	61,141	21,216,000
35	30 - 35	31,035	1.79%	34,078	11,825,193
40	35 - 40	259,449	14.99%	284,891	98,857,239
45	40 - 45	401,014	23.17%	440,338	152,797,417
50	45 - 50	327,236	18.91%	359,326	124,685,960
55	50 - 55	90,535	5.23%	99,413	34,496,337
60	55 - 60	137,557	7.95%	151,046	52,413,019
65	60 - 65	321,351	18.57%	352,863	122,443,612
70	65 - 70	15	0.00%	16	5,715
	70 - 75	0	0.00%	0	0
	>75	0	0.00%	0	0
	Total VMT	1,730,430		1,900,120	659,341,654
	SP	131,345		144,225	
	VMT/SP	13.17			

1. VMT is adjusted based on per capita VMT in the Traffic Study provided by Fehr and Peers (i.e., VMT/population and employment (service population)).

2. Adjusted Daily vehicles miles traveled (VMT) multiplied by 347 days/year to account for reduced traffic on weekends and holidays. This assumption is consistent with the California Air Resources Board's (CARB) methodology within the Climate Change Scoping Plan Measure Documentation Supplement.

Emission year

Baseline in P-2035					lbs/day			
Vehicle Type	**Speed**	**Percent of VMT of SpeedBin**	**ROG**	**NOx**	**CO**	**SOx**	**PM10**	**PM2.5**
All Other Buses	05 MPH	0.25%	0.00	0.01	0.00	0.00	0.00	0.00
LDA	05 MPH	2.53%	0.00	0.00	0.01	0.00	0.00	0.00
LDT1	05 MPH	0.37%	0.00	0.00	0.00	0.00	0.00	0.00
LDT2	05 MPH	0.94%	0.00	0.00	0.01	0.00	0.00	0.00
LHD1	05 MPH	61.24%	0.05	0.20	0.55	0.00	0.01	0.00
LHD2	05 MPH	8.97%	0.01	0.04	0.07	0.00	0.00	0.00
MCY	05 MPH	0.04%	0.00	0.00	0.00	0.00	0.00	0.00
MDV	05 MPH	1.02%	0.00	0.00	0.01	0.00	0.00	0.00
MH	05 MPH	0.90%	0.00	0.00	0.04	0.00	0.00	0.00
Motor Coach	05 MPH	0.11%	0.00	0.00	0.00	0.00	0.00	0.00
OBUS	05 MPH	0.48%	0.00	0.00	0.01	0.00	0.00	0.00
PTO	05 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
SBUS	05 MPH	0.46%	0.00	0.01	0.03	0.00	0.00	0.00
T6 Ag	05 MPH	0.54%	0.00	0.02	0.00	0.00	0.00	0.00
T6 CAIRP heavy	05 MPH	0.02%	0.00	0.00	0.00	0.00	0.00	0.00
T6 CAIRP small	05 MPH	0.06%	0.00	0.00	0.00	0.00	0.00	0.00
T6 instate construction heavy	05 MPH	0.31%	0.00	0.01	0.00	0.00	0.00	0.00
T6 instate construction small	05 MPH	0.79%	0.00	0.02	0.00	0.00	0.00	0.00
T6 instate heavy	05 MPH	1.18%	0.01	0.04	0.01	0.00	0.00	0.00
T6 instate small	05 MPH	3.07%	0.01	0.07	0.02	0.00	0.00	0.00
T6 OOS heavy	05 MPH	0.01%	0.00	0.00	0.00	0.00	0.00	0.00
T6 OOS small	05 MPH	0.04%	0.00	0.00	0.00	0.00	0.00	0.00
T6 Public	05 MPH	0.13%	0.00	0.00	0.00	0.00	0.00	0.00
T6 utility	05 MPH	0.03%	0.00	0.00	0.00	0.00	0.00	0.00
T6TS	05 MPH	1.23%	0.00	0.00	0.06	0.00	0.00	0.00
T7 Ag	05 MPH	0.50%	0.01	0.03	0.01	0.00	0.00	0.00
T7 CAIRP	05 MPH	3.15%	0.02	0.11	0.04	0.00	0.00	0.00
T7 CAIRP construction	05 MPH	0.08%	0.00	0.00	0.00	0.00	0.00	0.00
T7 NNOOS	05 MPH	3.55%	0.02	0.08	0.03	0.00	0.00	0.00
T7 NOOS	05 MPH	1.15%	0.01	0.04	0.02	0.00	0.00	0.00
T7 other port	05 MPH	0.06%	0.00	0.00	0.00	0.00	0.00	0.00
T7 POAK	05 MPH	0.16%	0.00	0.01	0.00	0.00	0.00	0.00
T7 POLA	05 MPH	0.27%	0.00	0.01	0.00	0.00	0.00	0.00
T7 Public	05 MPH	0.04%	0.00	0.00	0.00	0.00	0.00	0.00
T7 Single	05 MPH	0.29%	0.00	0.01	0.00	0.00	0.00	0.00
T7 single construction	05 MPH	0.20%	0.00	0.01	0.00	0.00	0.00	0.00
T7 SWCV	05 MPH	0.09%	0.00	0.00	0.00	0.00	0.00	0.00
T7 tractor	05 MPH	4.48%	0.05	0.19	0.08	0.00	0.01	0.01
T7 tractor construction	05 MPH	0.15%	0.00	0.01	0.00	0.00	0.00	0.00
T7 utility	05 MPH	0.01%	0.00	0.00	0.00	0.00	0.00	0.00
T7IS	05 MPH	0.09%	0.00	0.00	0.02	0.00	0.00	0.00
UBUS	05 MPH	1.02%	0.00	0.02	0.02	0.00	0.00	0.00

All Other Buses	10 MPH	0.39%	0.00	0.02	0.00	0.00	0.00	0.00
LDA	10 MPH	1.51%	0.00	0.00	0.01	0.00	0.00	0.00
LDT1	10 MPH	0.22%	0.00	0.00	0.00	0.00	0.00	0.00
LDT2	10 MPH	0.56%	0.00	0.00	0.01	0.00	0.00	0.00
LHD1	10 MPH	54.90%	0.08	0.35	0.83	0.00	0.01	0.01
LHD2	10 MPH	8.52%	0.01	0.08	0.11	0.00	0.00	0.00
MCY	10 MPH	0.02%	0.00	0.00	0.00	0.00	0.00	0.00
MDV	10 MPH	0.61%	0.00	0.00	0.01	0.00	0.00	0.00
MH	10 MPH	1.45%	0.01	0.01	0.10	0.00	0.00	0.00
Motor Coach	10 MPH	0.14%	0.00	0.01	0.00	0.00	0.00	0.00
OBUS	10 MPH	0.77%	0.00	0.00	0.03	0.00	0.00	0.00
PTO	10 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
SBUS	10 MPH	0.51%	0.01	0.02	0.05	0.00	0.00	0.00
T6 Ag	10 MPH	0.86%	0.01	0.04	0.01	0.00	0.00	0.00
T6 CAIRP heavy	10 MPH	0.03%	0.00	0.00	0.00	0.00	0.00	0.00
T6 CAIRP small	10 MPH	0.10%	0.00	0.00	0.00	0.00	0.00	0.00
T6 instate construction heavy	10 MPH	0.49%	0.00	0.02	0.01	0.00	0.00	0.00
T6 instate construction small	10 MPH	1.25%	0.01	0.04	0.01	0.00	0.00	0.00
T6 instate heavy	10 MPH	1.88%	0.01	0.08	0.02	0.00	0.00	0.00
T6 instate small	10 MPH	4.89%	0.03	0.17	0.04	0.00	0.01	0.01
T6 OOS heavy	10 MPH	0.02%	0.00	0.00	0.00	0.00	0.00	0.00
T6 OOS small	10 MPH	0.06%	0.00	0.00	0.00	0.00	0.00	0.00
T6 Public	10 MPH	0.21%	0.00	0.01	0.00	0.00	0.00	0.00
T6 utility	10 MPH	0.05%	0.00	0.00	0.00	0.00	0.00	0.00
T6TS	10 MPH	1.97%	0.01	0.01	0.16	0.00	0.00	0.00
T7 Ag	10 MPH	0.61%	0.01	0.04	0.02	0.00	0.00	0.00
T7 CAIRP	10 MPH	3.85%	0.04	0.21	0.07	0.00	0.01	0.01
T7 CAIRP construction	10 MPH	0.09%	0.00	0.01	0.00	0.00	0.00	0.00
T7 NNOOS	10 MPH	4.33%	0.03	0.14	0.06	0.00	0.00	0.00
T7 NOOS	10 MPH	1.40%	0.01	0.08	0.03	0.00	0.00	0.00
T7 other port	10 MPH	0.07%	0.00	0.01	0.00	0.00	0.00	0.00
T7 POAK	10 MPH	0.20%	0.00	0.02	0.00	0.00	0.00	0.00
T7 POLA	10 MPH	0.33%	0.00	0.02	0.00	0.00	0.00	0.00
T7 Public	10 MPH	0.05%	0.00	0.00	0.00	0.00	0.00	0.00
T7 Single	10 MPH	0.35%	0.00	0.02	0.01	0.00	0.00	0.00
T7 single construction	10 MPH	0.24%	0.00	0.01	0.00	0.00	0.00	0.00
T7 SWCV	10 MPH	0.11%	0.00	0.01	0.00	0.00	0.00	0.00
T7 tractor	10 MPH	5.47%	0.07	0.35	0.14	0.00	0.02	0.02
T7 tractor construction	10 MPH	0.18%	0.00	0.01	0.00	0.00	0.00	0.00
T7 utility	10 MPH	0.01%	0.00	0.00	0.00	0.00	0.00	0.00
T7IS	10 MPH	0.14%	0.00	0.00	0.04	0.00	0.00	0.00
UBUS	10 MPH	1.17%	0.01	0.05	0.04	0.00	0.00	0.00

All Other Buses	15 MPH	0.28%	1.04	8.91	2.21	0.01	0.51	0.42
LDA	15 MPH	1.04%	0.39	0.57	7.98	0.01	0.13	0.06
LDT1	15 MPH	0.15%	0.14	0.21	2.75	0.00	0.02	0.01
LDT2	15 MPH	0.39%	0.21	0.43	4.28	0.00	0.05	0.02
LHD1	15 MPH	64.87%	70.29	375.79	717.09	1.24	15.26	9.08
LHD2	15 MPH	9.94%	9.54	83.08	91.24	0.16	3.19	1.95
MCY	15 MPH	0.02%	0.13	0.04	0.93	0.00	0.00	0.00
MDV	15 MPH	0.42%	0.26	0.65	5.46	0.01	0.05	0.02
MH	15 MPH	0.98%	2.38	7.44	48.53	0.02	0.34	0.24
Motor Coach	15 MPH	0.09%	0.41	3.91	1.07	0.00	0.15	0.12
OBUS	15 MPH	0.51%	1.11	1.95	15.59	0.01	0.06	0.03
PTO	15 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
SBUS	15 MPH	0.54%	3.77	14.79	39.13	0.01	1.31	0.87
T6 Ag	15 MPH	0.61%	2.91	19.70	6.11	0.02	1.41	1.19
T6 CAIRP heavy	15 MPH	0.02%	0.05	0.49	0.11	0.00	0.02	0.02
T6 CAIRP small	15 MPH	0.07%	0.13	1.38	0.29	0.00	0.06	0.05
T6 instate construction heavy	15 MPH	0.35%	1.35	11.25	3.04	0.01	0.69	0.57
T6 instate construction small	15 MPH	0.89%	2.59	23.61	5.81	0.02	1.28	1.02
T6 instate heavy	15 MPH	1.34%	5.11	42.29	11.47	0.04	2.60	2.16
T6 instate small	15 MPH	3.48%	9.78	89.02	21.98	0.10	4.85	3.86
T6 OOS heavy	15 MPH	0.01%	0.03	0.28	0.06	0.00	0.01	0.01
T6 OOS small	15 MPH	0.04%	0.07	0.79	0.17	0.00	0.04	0.03
T6 Public	15 MPH	0.15%	0.40	4.57	0.86	0.00	0.26	0.21
T6 utility	15 MPH	0.03%	0.04	0.77	0.10	0.00	0.03	0.02
T6TS	15 MPH	1.31%	5.09	5.13	76.44	0.02	0.17	0.08
T7 Ag	15 MPH	0.40%	2.91	21.63	8.49	0.02	1.24	1.09
T7 CAIRP	15 MPH	2.48%	12.38	103.12	30.92	0.10	3.44	2.84
T7 CAIRP construction	15 MPH	0.06%	0.31	2.55	0.76	0.00	0.08	0.07
T7 NNOOS	15 MPH	2.79%	9.23	71.75	22.67	0.11	2.35	1.80
T7 NOOS	15 MPH	0.90%	4.44	37.56	11.06	0.04	1.23	1.01
T7 other port	15 MPH	0.05%	0.11	2.79	0.28	0.00	0.04	0.03
T7 POAK	15 MPH	0.13%	0.30	8.00	0.75	0.01	0.12	0.09
T7 POLA	15 MPH	0.21%	0.67	7.72	1.64	0.01	0.12	0.08
T7 Public	15 MPH	0.03%	0.17	1.81	0.52	0.00	0.10	0.09
T7 Single	15 MPH	0.23%	0.99	9.55	2.69	0.01	0.41	0.35
T7 single construction	15 MPH	0.16%	0.69	6.67	1.87	0.01	0.28	0.24
T7 SWCV	15 MPH	0.07%	0.07	3.27	0.19	0.00	0.04	0.03
T7 tractor	15 MPH	3.53%	23.91	170.34	65.02	0.14	8.39	7.26
T7 tractor construction	15 MPH	0.12%	0.83	5.75	2.29	0.00	0.30	0.26
T7 utility	15 MPH	0.01%	0.01	0.21	0.03	0.00	0.01	0.01
T7IS	15 MPH	0.08%	0.71	0.92	17.42	0.00	0.01	0.00
UBUS	15 MPH	1.24%	4.04	44.71	31.11	0.06	2.89	1.75

All Other Buses	20 MPH	0.06%	0.00	0.02	0.00	0.00	0.00	0.00
LDA	20 MPH	38.68%	0.11	0.21	2.69	0.00	0.05	0.02
LDT1	20 MPH	5.59%	0.04	0.07	0.91	0.00	0.01	0.00
LDT2	20 MPH	14.34%	0.06	0.15	1.44	0.00	0.02	0.01
LHD1	20 MPH	14.77%	0.12	0.81	1.25	0.00	0.03	0.02
LHD2	20 MPH	2.24%	0.02	0.17	0.16	0.00	0.01	0.00
MCY	20 MPH	0.58%	0.04	0.02	0.33	0.00	0.00	0.00
MDV	20 MPH	15.60%	0.07	0.23	1.85	0.00	0.02	0.01
MH	20 MPH	0.20%	0.00	0.01	0.08	0.00	0.00	0.00
Motor Coach	20 MPH	0.04%	0.00	0.01	0.00	0.00	0.00	0.00
OBUS	20 MPH	0.11%	0.00	0.00	0.02	0.00	0.00	0.00
PTO	20 MPH	0.65%	0.01	0.21	0.05	0.00	0.01	0.01
SBUS	20 MPH	0.15%	0.01	0.03	0.08	0.00	0.00	0.00
T6 Ag	20 MPH	0.13%	0.00	0.03	0.01	0.00	0.00	0.00
T6 CAIRP heavy	20 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T6 CAIRP small	20 MPH	0.02%	0.00	0.00	0.00	0.00	0.00	0.00
T6 instate construction heavy	20 MPH	0.07%	0.00	0.02	0.00	0.00	0.00	0.00
T6 instate construction small	20 MPH	0.19%	0.00	0.04	0.01	0.00	0.00	0.00
T6 instate heavy	20 MPH	0.28%	0.00	0.07	0.02	0.00	0.00	0.00
T6 instate small	20 MPH	0.74%	0.01	0.15	0.03	0.00	0.01	0.01
T6 OOS heavy	20 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T6 OOS small	20 MPH	0.01%	0.00	0.00	0.00	0.00	0.00	0.00
T6 Public	20 MPH	0.03%	0.00	0.01	0.00	0.00	0.00	0.00
T6 utility	20 MPH	0.01%	0.00	0.00	0.00	0.00	0.00	0.00
T6TS	20 MPH	0.27%	0.01	0.01	0.12	0.00	0.00	0.00
T7 Ag	20 MPH	0.17%	0.01	0.08	0.03	0.00	0.00	0.00
T7 CAIRP	20 MPH	1.09%	0.02	0.36	0.08	0.00	0.01	0.01
T7 CAIRP construction	20 MPH	0.03%	0.00	0.01	0.00	0.00	0.00	0.00
T7 NNOOS	20 MPH	1.22%	0.02	0.25	0.06	0.00	0.01	0.01
T7 NOOS	20 MPH	0.40%	0.01	0.13	0.03	0.00	0.00	0.00
T7 other port	20 MPH	0.02%	0.00	0.01	0.00	0.00	0.00	0.00
T7 POAK	20 MPH	0.06%	0.00	0.03	0.00	0.00	0.00	0.00
T7 POLA	20 MPH	0.09%	0.00	0.03	0.00	0.00	0.00	0.00
T7 Public	20 MPH	0.01%	0.00	0.01	0.00	0.00	0.00	0.00
T7 Single	20 MPH	0.10%	0.00	0.03	0.01	0.00	0.00	0.00
T7 single construction	20 MPH	0.07%	0.00	0.02	0.01	0.00	0.00	0.00
T7 SWCV	20 MPH	0.03%	0.00	0.01	0.00	0.00	0.00	0.00
T7 tractor	20 MPH	1.55%	0.05	0.60	0.20	0.00	0.03	0.02
T7 tractor construction	20 MPH	0.05%	0.00	0.02	0.01	0.00	0.00	0.00
T7 utility	20 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T7IS	20 MPH	0.03%	0.00	0.00	0.05	0.00	0.00	0.00
UBUS	20 MPH	0.33%	0.01	0.10	0.06	0.00	0.01	0.00

All Other Buses	25 MPH	0.19%	0.02	0.27	0.06	0.00	0.01	0.01
LDA	25 MPH	14.31%	0.18	0.41	5.15	0.01	0.10	0.04
LDT1	25 MPH	2.07%	0.07	0.15	1.73	0.00	0.02	0.01
LDT2	25 MPH	5.31%	0.10	0.30	2.76	0.00	0.04	0.02
LHD1	25 MPH	40.17%	1.48	11.97	14.99	0.05	0.50	0.28
LHD2	25 MPH	6.58%	0.23	2.74	2.06	0.01	0.11	0.06
MCY	25 MPH	0.21%	0.08	0.04	0.65	0.00	0.00	0.00
MDV	25 MPH	5.77%	0.12	0.45	3.56	0.00	0.04	0.02
MH	25 MPH	0.71%	0.05	0.27	1.19	0.00	0.01	0.01
Motor Coach	25 MPH	0.13%	0.01	0.24	0.05	0.00	0.01	0.01
OBUS	25 MPH	0.38%	0.03	0.10	0.38	0.00	0.00	0.00
PTO	25 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
SBUS	25 MPH	0.73%	0.14	0.92	1.81	0.00	0.08	0.05
T6 Ag	25 MPH	0.43%	0.04	0.61	0.16	0.00	0.04	0.03
T6 CAIRP heavy	25 MPH	0.01%	0.00	0.01	0.00	0.00	0.00	0.00
T6 CAIRP small	25 MPH	0.05%	0.00	0.04	0.01	0.00	0.00	0.00
T6 instate construction heavy	25 MPH	0.24%	0.02	0.35	0.08	0.00	0.02	0.01
T6 instate construction small	25 MPH	0.62%	0.04	0.71	0.14	0.00	0.04	0.03
T6 instate heavy	25 MPH	0.93%	0.07	1.30	0.28	0.00	0.07	0.05
T6 instate small	25 MPH	2.43%	0.14	2.68	0.52	0.00	0.14	0.10
T6 OOS heavy	25 MPH	0.01%	0.00	0.01	0.00	0.00	0.00	0.00
T6 OOS small	25 MPH	0.03%	0.00	0.02	0.00	0.00	0.00	0.00
T6 Public	25 MPH	0.11%	0.01	0.14	0.02	0.00	0.01	0.01
T6 utility	25 MPH	0.02%	0.00	0.02	0.00	0.00	0.00	0.00
T6TS	25 MPH	0.96%	0.12	0.25	1.89	0.00	0.01	0.00
T7 Ag	25 MPH	0.56%	0.09	1.36	0.46	0.00	0.07	0.06
T7 CAIRP	25 MPH	3.54%	0.39	6.20	1.43	0.01	0.23	0.18
T7 CAIRP construction	25 MPH	0.09%	0.01	0.15	0.04	0.00	0.01	0.00
T7 NNOOS	25 MPH	3.99%	0.29	4.29	1.04	0.01	0.17	0.12
T7 NOOS	25 MPH	1.29%	0.14	2.26	0.51	0.00	0.08	0.06
T7 other port	25 MPH	0.07%	0.00	0.17	0.01	0.00	0.00	0.00
T7 POAK	25 MPH	0.19%	0.01	0.50	0.04	0.00	0.01	0.01
T7 POLA	25 MPH	0.31%	0.02	0.46	0.07	0.00	0.01	0.01
T7 Public	25 MPH	0.05%	0.01	0.12	0.03	0.00	0.01	0.00
T7 Single	25 MPH	0.33%	0.03	0.60	0.13	0.00	0.02	0.02
T7 single construction	25 MPH	0.22%	0.02	0.42	0.09	0.00	0.01	0.01
T7 SWCV	25 MPH	0.10%	0.00	0.21	0.01	0.00	0.00	0.00
T7 tractor	25 MPH	5.04%	0.70	10.53	3.27	0.01	0.45	0.37
T7 tractor construction	25 MPH	0.17%	0.02	0.36	0.12	0.00	0.02	0.01
T7 utility	25 MPH	0.01%	0.00	0.01	0.00	0.00	0.00	0.00
T7IS	25 MPH	0.11%	0.03	0.09	0.83	0.00	0.00	0.00
UBUS	25 MPH	1.56%	0.17	2.53	1.28	0.00	0.19	0.11

All Other Buses	30 MPH	0.13%	0.08	1.60	0.30	0.00	0.08	0.06
LDA	30 MPH	28.63%	2.75	7.09	85.95	0.13	1.84	0.79
LDT1	30 MPH	4.14%	1.03	2.53	28.51	0.02	0.29	0.13
LDT2	30 MPH	10.61%	1.46	5.16	46.03	0.07	0.69	0.30
LHD1	30 MPH	19.70%	5.26	51.54	54.36	0.21	2.16	1.14
LHD2	30 MPH	3.19%	0.84	11.51	7.39	0.03	0.47	0.26
MCY	30 MPH	0.43%	1.33	0.68	11.64	0.00	0.03	0.01
MDV	30 MPH	11.54%	1.77	7.66	59.47	0.09	0.74	0.32
MH	30 MPH	0.46%	0.23	1.60	5.67	0.00	0.06	0.04
Motor Coach	30 MPH	0.12%	0.09	1.97	0.40	0.00	0.08	0.06
OBUS	30 MPH	0.24%	0.11	0.58	1.81	0.00	0.01	0.01
PTO	30 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
SBUS	30 MPH	0.50%	0.67	5.53	9.08	0.01	0.50	0.29
T6 Ag	30 MPH	0.29%	0.22	3.60	0.87	0.00	0.21	0.17
T6 CAIRP heavy	30 MPH	0.01%	0.00	0.09	0.01	0.00	0.00	0.00
T6 CAIRP small	30 MPH	0.03%	0.01	0.23	0.04	0.00	0.01	0.01
T6 instate construction heavy	30 MPH	0.16%	0.10	2.07	0.40	0.00	0.10	0.07
T6 instate construction small	30 MPH	0.42%	0.19	4.17	0.75	0.01	0.21	0.15
T6 instate heavy	30 MPH	0.63%	0.36	7.78	1.50	0.01	0.36	0.27
T6 instate small	30 MPH	1.65%	0.71	15.72	2.83	0.03	0.79	0.56
T6 OOS heavy	30 MPH	0.01%	0.00	0.05	0.01	0.00	0.00	0.00
T6 OOS small	30 MPH	0.02%	0.01	0.13	0.02	0.00	0.01	0.00
T6 Public	30 MPH	0.07%	0.03	0.84	0.12	0.00	0.04	0.03
T6 utility	30 MPH	0.02%	0.00	0.14	0.01	0.00	0.01	0.00
T6TS	30 MPH	0.61%	0.51	1.53	8.89	0.01	0.04	0.02
T7 Ag	30 MPH	0.54%	0.62	11.36	3.45	0.01	0.51	0.43
T7 CAIRP	30 MPH	3.38%	2.88	49.75	11.48	0.08	1.88	1.48
T7 CAIRP construction	30 MPH	0.08%	0.07	1.23	0.28	0.00	0.05	0.04
T7 NNOOS	30 MPH	3.80%	2.20	34.19	8.43	0.08	1.42	1.02
T7 NOOS	30 MPH	1.23%	1.03	18.12	4.11	0.03	0.68	0.53
T7 other port	30 MPH	0.06%	0.03	1.42	0.10	0.00	0.02	0.02
T7 POAK	30 MPH	0.18%	0.07	4.14	0.28	0.00	0.06	0.04
T7 POLA	30 MPH	0.29%	0.17	3.66	0.61	0.01	0.08	0.05
T7 Public	30 MPH	0.05%	0.04	0.97	0.22	0.00	0.04	0.03
T7 Single	30 MPH	0.31%	0.20	4.99	0.99	0.01	0.16	0.12
T7 single construction	30 MPH	0.21%	0.14	3.49	0.69	0.00	0.11	0.08
T7 SWCV	30 MPH	0.09%	0.02	1.72	0.07	0.00	0.02	0.01
T7 tractor	30 MPH	4.80%	5.08	86.74	24.77	0.11	3.55	2.91
T7 tractor construction	30 MPH	0.16%	0.18	2.95	0.87	0.00	0.12	0.10
T7 utility	30 MPH	0.01%	0.00	0.11	0.01	0.00	0.00	0.00
T7IS	30 MPH	0.11%	0.22	0.85	6.32	0.00	0.01	0.00
UBUS	30 MPH	1.10%	0.90	15.09	6.57	0.03	1.17	0.63

All Other Buses	35 MPH	0.06%	0.02	0.42	0.07	0.00	0.02	0.02
LDA	35 MPH	42.01%	1.92	5.57	64.61	0.11	1.49	0.63
LDT1	35 MPH	6.08%	0.72	1.98	21.35	0.02	0.23	0.10
LDT2	35 MPH	15.57%	1.02	4.02	34.57	0.05	0.56	0.24
LHD1	35 MPH	3.54%	0.43	5.13	4.61	0.02	0.21	0.11
LHD2	35 MPH	0.62%	0.08	1.23	0.69	0.00	0.05	0.03
MCY	35 MPH	0.63%	1.04	0.57	9.70	0.00	0.02	0.01
MDV	35 MPH	16.94%	1.22	5.94	44.69	0.07	0.60	0.26
MH	35 MPH	0.23%	0.05	0.46	1.38	0.00	0.02	0.01
Motor Coach	35 MPH	0.09%	0.03	0.78	0.15	0.00	0.03	0.02
OBUS	35 MPH	0.12%	0.03	0.18	0.45	0.00	0.00	0.00
PTO	35 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
SBUS	35 MPH	0.21%	0.13	1.29	1.85	0.00	0.11	0.06
T6 Ag	35 MPH	0.14%	0.05	0.95	0.20	0.00	0.05	0.04
T6 CAIRP heavy	35 MPH	0.00%	0.00	0.02	0.00	0.00	0.00	0.00
T6 CAIRP small	35 MPH	0.02%	0.00	0.06	0.01	0.00	0.00	0.00
T6 instate construction heavy	35 MPH	0.08%	0.02	0.55	0.09	0.00	0.02	0.02
T6 instate construction small	35 MPH	0.21%	0.04	1.09	0.18	0.00	0.05	0.04
T6 instate heavy	35 MPH	0.31%	0.08	2.07	0.35	0.00	0.09	0.07
T6 instate small	35 MPH	0.81%	0.16	4.11	0.68	0.01	0.20	0.14
T6 OOS heavy	35 MPH	0.00%	0.00	0.01	0.00	0.00	0.00	0.00
T6 OOS small	35 MPH	0.01%	0.00	0.03	0.01	0.00	0.00	0.00
T6 Public	35 MPH	0.04%	0.01	0.22	0.03	0.00	0.01	0.01
T6 utility	35 MPH	0.01%	0.00	0.04	0.00	0.00	0.00	0.00
T6TS	35 MPH	0.32%	0.12	0.46	2.19	0.00	0.01	0.00
T7 Ag	35 MPH	0.40%	0.22	4.58	1.24	0.01	0.19	0.16
T7 CAIRP	35 MPH	2.53%	1.03	19.32	4.49	0.03	0.78	0.62
T7 CAIRP construction	35 MPH	0.06%	0.03	0.48	0.11	0.00	0.02	0.02
T7 NNOOS	35 MPH	2.85%	0.79	13.19	3.35	0.04	0.59	0.43
T7 NOOS	35 MPH	0.92%	0.37	7.04	1.61	0.01	0.28	0.22
T7 other port	35 MPH	0.05%	0.01	0.57	0.04	0.00	0.01	0.01
T7 POAK	35 MPH	0.13%	0.02	1.67	0.10	0.00	0.03	0.02
T7 POLA	35 MPH	0.22%	0.06	1.41	0.25	0.00	0.03	0.02
T7 Public	35 MPH	0.03%	0.01	0.39	0.08	0.00	0.02	0.01
T7 Single	35 MPH	0.23%	0.07	2.02	0.36	0.00	0.06	0.05
T7 single construction	35 MPH	0.16%	0.05	1.41	0.25	0.00	0.04	0.03
T7 SWCV	35 MPH	0.07%	0.01	0.70	0.03	0.00	0.01	0.00
T7 tractor	35 MPH	3.60%	1.77	34.59	9.08	0.04	1.39	1.13
T7 tractor construction	35 MPH	0.12%	0.06	1.18	0.32	0.00	0.05	0.04
T7 utility	35 MPH	0.01%	0.00	0.04	0.00	0.00	0.00	0.00
T7IS	35 MPH	0.08%	0.07	0.37	2.23	0.00	0.00	0.00
UBUS	35 MPH	0.45%	0.17	3.32	1.26	0.01	0.26	0.13

All Other Buses	40 MPH	0.05%	0.10	2.50	0.40	0.00	0.13	0.09
LDA	40 MPH	46.77%	15.94	50.56	560.54	0.99	13.78	5.79
LDT1	40 MPH	6.76%	5.98	18.04	185.48	0.17	2.11	0.94
LDT2	40 MPH	17.34%	8.43	36.32	299.55	0.50	5.13	2.17
LHD1	40 MPH	0.86%	0.73	10.70	8.41	0.04	0.42	0.21
LHD2	40 MPH	0.17%	0.15	2.93	1.45	0.01	0.11	0.06
MCY	40 MPH	0.70%	9.79	5.48	96.65	0.01	0.20	0.08
MDV	40 MPH	18.86%	10.03	53.46	386.73	0.68	5.57	2.35
MH	40 MPH	0.17%	0.27	2.83	7.74	0.01	0.10	0.06
Motor Coach	40 MPH	0.05%	0.13	3.53	0.65	0.01	0.14	0.11
OBUS	40 MPH	0.09%	0.13	1.14	2.49	0.00	0.03	0.01
PTO	40 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
SBUS	40 MPH	0.09%	0.36	4.28	5.59	0.01	0.37	0.21
T6 Ag	40 MPH	0.11%	0.27	5.69	1.09	0.01	0.32	0.25
T6 CAIRP heavy	40 MPH	0.00%	0.00	0.13	0.02	0.00	0.01	0.00
T6 CAIRP small	40 MPH	0.01%	0.01	0.35	0.05	0.00	0.02	0.01
T6 instate construction heavy	40 MPH	0.06%	0.11	3.34	0.50	0.00	0.14	0.10
T6 instate construction small	40 MPH	0.15%	0.22	6.49	1.00	0.01	0.32	0.23
T6 instate heavy	40 MPH	0.23%	0.42	12.54	1.87	0.02	0.54	0.39
T6 instate small	40 MPH	0.60%	0.85	24.44	3.77	0.04	1.24	0.87
T6 OOS heavy	40 MPH	0.00%	0.00	0.08	0.01	0.00	0.00	0.00
T6 OOS small	40 MPH	0.01%	0.01	0.20	0.03	0.00	0.01	0.01
T6 Public	40 MPH	0.03%	0.04	1.35	0.15	0.00	0.06	0.04
T6 utility	40 MPH	0.01%	0.00	0.22	0.02	0.00	0.01	0.01
T6TS	40 MPH	0.24%	0.59	2.99	12.28	0.01	0.07	0.03
T7 Ag	40 MPH	0.23%	0.87	20.94	5.04	0.02	0.86	0.71
T7 CAIRP	40 MPH	1.43%	4.19	85.35	20.12	0.15	3.78	2.99
T7 CAIRP construction	40 MPH	0.03%	0.10	2.11	0.50	0.00	0.09	0.07
T7 NNOOS	40 MPH	1.60%	3.25	57.90	15.30	0.17	2.88	2.10
T7 NOOS	40 MPH	0.52%	1.51	31.08	7.23	0.05	1.37	1.08
T7 other port	40 MPH	0.03%	0.04	2.59	0.18	0.00	0.05	0.03
T7 POAK	40 MPH	0.07%	0.09	7.62	0.46	0.01	0.12	0.09
T7 POLA	40 MPH	0.12%	0.25	6.15	1.16	0.01	0.17	0.11
T7 Public	40 MPH	0.02%	0.05	1.81	0.32	0.00	0.07	0.06
T7 Single	40 MPH	0.13%	0.27	9.28	1.47	0.01	0.27	0.20
T7 single construction	40 MPH	0.09%	0.19	6.49	1.02	0.01	0.19	0.14
T7 SWCV	40 MPH	0.04%	0.02	3.19	0.12	0.00	0.04	0.02
T7 tractor	40 MPH	2.03%	7.10	156.63	38.03	0.21	6.33	5.13
T7 tractor construction	40 MPH	0.07%	0.24	5.35	1.32	0.01	0.21	0.17
T7 utility	40 MPH	0.00%	0.00	0.20	0.02	0.00	0.01	0.00
T7IS	40 MPH	0.04%	0.26	1.65	8.71	0.00	0.01	0.01
UBUS	40 MPH	0.19%	0.52	12.06	4.05	0.02	0.91	0.46

All Other Buses	45 MPH	0.04%	0.12	3.47	0.51	0.00	0.18	0.13
LDA	45 MPH	44.82%	22.11	74.06	786.76	1.46	20.34	8.51
LDT1	45 MPH	6.48%	8.28	26.62	261.95	0.25	3.10	1.37
LDT2	45 MPH	16.62%	11.65	53.05	419.84	0.74	7.57	3.18
LHD1	45 MPH	1.11%	1.28	21.98	15.80	0.09	0.81	0.40
LHD2	45 MPH	0.22%	0.26	5.87	2.62	0.01	0.21	0.11
MCY	45 MPH	0.67%	15.29	8.36	160.62	0.01	0.30	0.12
MDV	45 MPH	18.07%	13.75	77.94	540.30	1.01	8.22	3.45
MH	45 MPH	0.17%	0.36	4.41	11.42	0.01	0.16	0.09
Motor Coach	45 MPH	0.08%	0.28	8.33	1.48	0.01	0.36	0.27
OBUS	45 MPH	0.09%	0.18	1.87	3.75	0.01	0.04	0.02
PTO	45 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
SBUS	45 MPH	0.05%	0.26	3.54	4.40	0.01	0.31	0.17
T6 Ag	45 MPH	0.10%	0.35	7.93	1.37	0.01	0.44	0.34
T6 CAIRP heavy	45 MPH	0.00%	0.01	0.19	0.03	0.00	0.01	0.01
T6 CAIRP small	45 MPH	0.01%	0.02	0.48	0.07	0.00	0.03	0.02
T6 instate construction heavy	45 MPH	0.06%	0.14	4.69	0.62	0.01	0.20	0.15
T6 instate construction small	45 MPH	0.14%	0.28	8.98	1.30	0.02	0.47	0.33
T6 instate heavy	45 MPH	0.21%	0.53	17.61	2.36	0.02	0.76	0.55
T6 instate small	45 MPH	0.55%	1.07	33.84	4.93	0.06	1.79	1.26
T6 OOS heavy	45 MPH	0.00%	0.00	0.11	0.01	0.00	0.01	0.00
T6 OOS small	45 MPH	0.01%	0.01	0.27	0.04	0.00	0.02	0.01
T6 Public	45 MPH	0.02%	0.05	1.89	0.19	0.00	0.08	0.06
T6 utility	45 MPH	0.01%	0.00	0.30	0.02	0.00	0.01	0.01
T6TS	45 MPH	0.24%	0.81	4.90	18.45	0.02	0.11	0.05
T7 Ag	45 MPH	0.36%	1.90	50.04	10.79	0.06	2.05	1.69
T7 CAIRP	45 MPH	2.24%	8.99	197.83	47.79	0.36	9.75	7.78
T7 CAIRP construction	45 MPH	0.05%	0.22	4.89	1.18	0.01	0.24	0.19
T7 NNOOS	45 MPH	2.52%	6.97	133.43	36.88	0.40	7.42	5.49
T7 NOOS	45 MPH	0.82%	3.24	72.05	17.21	0.13	3.53	2.82
T7 other port	45 MPH	0.04%	0.08	6.15	0.41	0.01	0.12	0.09
T7 POAK	45 MPH	0.12%	0.20	18.20	1.05	0.02	0.31	0.22
T7 POLA	45 MPH	0.19%	0.53	14.13	2.84	0.03	0.44	0.30
T7 Public	45 MPH	0.03%	0.12	4.34	0.67	0.00	0.16	0.13
T7 Single	45 MPH	0.21%	0.58	22.23	3.21	0.03	0.66	0.50
T7 single construction	45 MPH	0.14%	0.41	15.55	2.23	0.02	0.46	0.35
T7 SWCV	45 MPH	0.06%	0.05	7.63	0.26	0.01	0.09	0.05
T7 tractor	45 MPH	3.19%	15.35	371.00	84.37	0.51	15.61	12.67
T7 tractor construction	45 MPH	0.11%	0.53	12.71	2.90	0.02	0.52	0.43
T7 utility	45 MPH	0.00%	0.01	0.49	0.04	0.00	0.01	0.01
T7IS	45 MPH	0.05%	0.41	3.17	15.24	0.00	0.02	0.01
UBUS	45 MPH	0.09%	0.35	9.64	2.89	0.02	0.68	0.34

All Other Buses	50 MPH	0.04%	0.08	2.24	0.31	0.00	0.12	0.09
LDA	50 MPH	44.54%	17.62	60.30	616.21	1.18	16.47	6.88
LDT1	50 MPH	6.44%	6.57	21.91	207.47	0.20	2.50	1.10
LDT2	50 MPH	16.51%	9.25	43.19	328.18	0.60	6.13	2.57
LHD1	50 MPH	4.24%	3.70	73.19	49.88	0.27	2.49	1.22
LHD2	50 MPH	0.72%	0.66	17.01	7.00	0.04	0.56	0.28
MCY	50 MPH	0.66%	13.70	7.01	153.97	0.01	0.24	0.10
MDV	50 MPH	17.96%	10.84	63.41	420.08	0.82	6.65	2.79
MH	50 MPH	0.12%	0.19	2.62	6.66	0.01	0.10	0.06
Motor Coach	50 MPH	0.06%	0.16	4.98	0.87	0.01	0.23	0.18
OBUS	50 MPH	0.07%	0.09	1.11	2.13	0.00	0.02	0.01
PTO	50 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
SBUS	50 MPH	0.02%	0.07	1.04	1.28	0.00	0.09	0.05
T6 Ag	50 MPH	0.08%	0.22	5.14	0.81	0.01	0.29	0.22
T6 CAIRP heavy	50 MPH	0.00%	0.00	0.12	0.02	0.00	0.01	0.00
T6 CAIRP small	50 MPH	0.01%	0.01	0.30	0.05	0.00	0.02	0.01
T6 instate construction heavy	50 MPH	0.04%	0.09	3.05	0.37	0.00	0.13	0.10
T6 instate construction small	50 MPH	0.11%	0.18	5.79	0.81	0.01	0.32	0.23
T6 instate heavy	50 MPH	0.17%	0.34	11.47	1.41	0.02	0.51	0.37
T6 instate small	50 MPH	0.44%	0.66	21.80	3.06	0.04	1.23	0.88
T6 OOS heavy	50 MPH	0.00%	0.00	0.07	0.01	0.00	0.00	0.00
T6 OOS small	50 MPH	0.01%	0.01	0.17	0.03	0.00	0.01	0.01
T6 Public	50 MPH	0.02%	0.03	1.23	0.11	0.00	0.05	0.04
T6 utility	50 MPH	0.00%	0.00	0.19	0.01	0.00	0.01	0.01
T6TS	50 MPH	0.17%	0.41	2.91	10.53	0.01	0.06	0.03
T7 Ag	50 MPH	0.27%	1.10	30.17	5.95	0.04	1.27	1.05
T7 CAIRP	50 MPH	1.67%	4.98	116.48	29.08	0.22	6.45	5.22
T7 CAIRP construction	50 MPH	0.04%	0.12	2.88	0.72	0.01	0.16	0.13
T7 NNOOS	50 MPH	1.87%	3.83	78.19	22.71	0.25	4.87	3.67
T7 NOOS	50 MPH	0.61%	1.79	42.42	10.49	0.08	2.34	1.89
T7 other port	50 MPH	0.03%	0.04	3.69	0.25	0.00	0.08	0.06
T7 POAK	50 MPH	0.09%	0.11	10.96	0.63	0.01	0.20	0.15
T7 POLA	50 MPH	0.14%	0.29	8.26	1.77	0.02	0.28	0.20
T7 Public	50 MPH	0.02%	0.07	2.63	0.36	0.00	0.10	0.08
T7 Single	50 MPH	0.15%	0.34	13.43	1.82	0.02	0.42	0.32
T7 single construction	50 MPH	0.10%	0.24	9.39	1.26	0.01	0.29	0.22
T7 SWCV	50 MPH	0.05%	0.03	4.60	0.15	0.01	0.06	0.03
T7 tractor	50 MPH	2.37%	8.81	222.19	48.29	0.31	10.02	8.20
T7 tractor construction	50 MPH	0.08%	0.30	7.62	1.65	0.01	0.33	0.27
T7 utility	50 MPH	0.00%	0.00	0.29	0.02	0.00	0.01	0.01
T7IS	50 MPH	0.04%	0.22	2.00	9.33	0.00	0.01	0.01
UBUS	50 MPH	0.03%	0.10	3.16	0.86	0.01	0.20	0.10

All Other Buses	55 MPH	0.07%	0.04	1.23	0.17	0.00	0.07	0.05
LDA	55 MPH	42.49%	4.80	16.23	160.67	0.31	4.35	1.82
LDT1	55 MPH	6.15%	1.78	5.99	54.99	0.05	0.66	0.29
LDT2	55 MPH	15.75%	2.50	11.66	85.33	0.16	1.62	0.68
LHD1	55 MPH	2.34%	0.52	12.49	7.93	0.04	0.38	0.18
LHD2	55 MPH	0.47%	0.11	3.48	1.35	0.01	0.10	0.05
MCY	55 MPH	0.63%	4.19	1.92	50.75	0.00	0.06	0.03
MDV	55 MPH	17.14%	2.92	17.13	108.36	0.22	1.76	0.74
MH	55 MPH	0.22%	0.09	1.33	3.53	0.00	0.05	0.03
Motor Coach	55 MPH	0.10%	0.07	2.26	0.40	0.00	0.12	0.09
OBUS	55 MPH	0.12%	0.04	0.56	1.10	0.00	0.01	0.00
PTO	55 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
SBUS	55 MPH	0.03%	0.04	0.58	0.76	0.00	0.05	0.03
T6 Ag	55 MPH	0.15%	0.12	2.82	0.42	0.00	0.17	0.13
T6 CAIRP heavy	55 MPH	0.01%	0.00	0.07	0.01	0.00	0.00	0.00
T6 CAIRP small	55 MPH	0.02%	0.01	0.16	0.03	0.00	0.01	0.01
T6 instate construction heavy	55 MPH	0.09%	0.05	1.68	0.20	0.00	0.08	0.06
T6 instate construction small	55 MPH	0.22%	0.10	3.16	0.44	0.01	0.19	0.14
T6 instate heavy	55 MPH	0.33%	0.19	6.32	0.74	0.01	0.30	0.22
T6 instate small	55 MPH	0.87%	0.37	11.92	1.66	0.02	0.73	0.53
T6 OOS heavy	55 MPH	0.00%	0.00	0.04	0.00	0.00	0.00	0.00
T6 OOS small	55 MPH	0.01%	0.00	0.09	0.02	0.00	0.01	0.00
T6 Public	55 MPH	0.04%	0.02	0.68	0.06	0.00	0.03	0.02
T6 utility	55 MPH	0.01%	0.00	0.11	0.01	0.00	0.01	0.00
T6TS	55 MPH	0.30%	0.18	1.48	5.47	0.00	0.03	0.01
T7 Ag	55 MPH	0.44%	0.51	13.80	2.56	0.02	0.61	0.51
T7 CAIRP	55 MPH	2.74%	2.17	52.43	13.62	0.10	3.27	2.68
T7 CAIRP construction	55 MPH	0.07%	0.05	1.30	0.34	0.00	0.08	0.07
T7 NNOOS	55 MPH	3.08%	1.64	35.09	10.72	0.11	2.44	1.87
T7 NOOS	55 MPH	1.00%	0.78	19.09	4.92	0.04	1.18	0.97
T7 other port	55 MPH	0.05%	0.02	1.68	0.12	0.00	0.04	0.03
T7 POAK	55 MPH	0.14%	0.05	5.01	0.29	0.01	0.10	0.07
T7 POLA	55 MPH	0.24%	0.12	3.70	0.84	0.01	0.14	0.10
T7 Public	55 MPH	0.04%	0.03	1.21	0.15	0.00	0.04	0.04
T7 Single	55 MPH	0.25%	0.16	6.14	0.81	0.01	0.21	0.16
T7 single construction	55 MPH	0.17%	0.11	4.30	0.56	0.01	0.15	0.11
T7 SWCV	55 MPH	0.08%	0.01	2.11	0.07	0.00	0.03	0.02
T7 tractor	55 MPH	3.89%	4.07	101.15	21.57	0.14	5.00	4.14
T7 tractor construction	55 MPH	0.13%	0.14	3.48	0.73	0.00	0.17	0.14
T7 utility	55 MPH	0.01%	0.00	0.13	0.01	0.00	0.00	0.00
T7IS	55 MPH	0.08%	0.11	1.13	5.43	0.00	0.01	0.00
UBUS	55 MPH	0.06%	0.04	1.69	0.42	0.00	0.09	0.05

All Other Buses	60 MPH	0.08%	0.08	2.15	0.29	0.00	0.13	0.10
LDA	60 MPH	48.38%	8.97	29.03	282.20	0.54	7.55	3.16
LDT1	60 MPH	7.00%	3.30	10.93	98.63	0.09	1.15	0.51
LDT2	60 MPH	17.93%	4.66	21.00	149.26	0.27	2.81	1.18
LHD1	60 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
LHD2	60 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
MCY	60 MPH	0.72%	8.82	3.46	115.70	0.01	0.11	0.05
MDV	60 MPH	19.51%	5.39	30.92	187.50	0.38	3.05	1.28
MH	60 MPH	0.25%	0.14	2.28	6.60	0.01	0.09	0.05
Motor Coach	60 MPH	0.03%	0.03	1.00	0.18	0.00	0.06	0.05
OBUS	60 MPH	0.13%	0.06	0.96	2.05	0.00	0.02	0.01
PTO	60 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
SBUS	60 MPH	0.02%	0.03	0.48	0.67	0.00	0.04	0.02
T6 Ag	60 MPH	0.17%	0.23	4.96	0.72	0.01	0.31	0.24
T6 CAIRP heavy	60 MPH	0.01%	0.00	0.11	0.02	0.00	0.01	0.01
T6 CAIRP small	60 MPH	0.02%	0.01	0.29	0.05	0.00	0.02	0.02
T6 instate construction heavy	60 MPH	0.10%	0.10	2.95	0.34	0.00	0.15	0.12
T6 instate construction small	60 MPH	0.25%	0.19	5.54	0.78	0.01	0.36	0.27
T6 instate heavy	60 MPH	0.38%	0.38	11.10	1.29	0.01	0.58	0.44
T6 instate small	60 MPH	0.99%	0.71	20.88	2.96	0.04	1.39	1.04
T6 OOS heavy	60 MPH	0.00%	0.00	0.07	0.01	0.00	0.00	0.00
T6 OOS small	60 MPH	0.01%	0.01	0.16	0.03	0.00	0.01	0.01
T6 Public	60 MPH	0.04%	0.03	1.19	0.10	0.00	0.06	0.04
T6 utility	60 MPH	0.01%	0.00	0.19	0.01	0.00	0.01	0.01
T6TS	60 MPH	0.32%	0.29	2.53	10.16	0.01	0.05	0.02
T7 Ag	60 MPH	0.13%	0.25	6.15	1.11	0.01	0.29	0.25
T7 CAIRP	60 MPH	0.79%	0.95	23.17	6.29	0.04	1.62	1.34
T7 CAIRP construction	60 MPH	0.02%	0.02	0.57	0.15	0.00	0.04	0.03
T7 NNOOS	60 MPH	0.89%	0.70	15.49	4.97	0.05	1.19	0.93
T7 NOOS	60 MPH	0.29%	0.34	8.44	2.27	0.02	0.59	0.49
T7 other port	60 MPH	0.01%	0.01	0.75	0.05	0.00	0.02	0.01
T7 POAK	60 MPH	0.04%	0.02	2.23	0.13	0.00	0.05	0.04
T7 POLA	60 MPH	0.07%	0.05	1.63	0.39	0.00	0.07	0.05
T7 Public	60 MPH	0.01%	0.01	0.54	0.06	0.00	0.02	0.02
T7 Single	60 MPH	0.07%	0.08	2.73	0.36	0.00	0.10	0.08
T7 single construction	60 MPH	0.05%	0.06	1.91	0.25	0.00	0.07	0.06
T7 SWCV	60 MPH	0.02%	0.01	0.94	0.03	0.00	0.01	0.01
T7 tractor	60 MPH	1.12%	1.94	44.94	9.67	0.06	2.47	2.07
T7 tractor construction	60 MPH	0.04%	0.07	1.54	0.33	0.00	0.08	0.07
T7 utility	60 MPH	0.00%	0.00	0.06	0.00	0.00	0.00	0.00
T7IS	60 MPH	0.02%	0.04	0.42	2.16	0.00	0.00	0.00
UBUS	60 MPH	0.09%	0.10	4.82	1.10	0.01	0.22	0.11

All Other Buses	65 MPH	0.01%	0.03	0.86	0.12	0.00	0.06	0.05
LDA	65 MPH	50.41%	24.75	74.22	724.12	1.32	18.47	7.79
LDT1	65 MPH	7.29%	9.03	28.65	259.39	0.22	2.83	1.27
LDT2	65 MPH	18.69%	12.79	54.23	380.74	0.67	6.88	2.92
LHD1	65 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
LHD2	65 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
MCY	65 MPH	0.75%	27.35	8.79	392.51	0.01	0.27	0.11
MDV	65 MPH	20.33%	14.74	80.18	471.60	0.91	7.46	3.16
MH	65 MPH	0.04%	0.06	0.90	3.01	0.00	0.04	0.02
Motor Coach	65 MPH	0.02%	0.05	1.39	0.26	0.00	0.09	0.07
OBUS	65 MPH	0.02%	0.02	0.38	0.94	0.00	0.01	0.00
PTO	65 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
SBUS	65 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T6 Ag	65 MPH	0.03%	0.10	1.98	0.29	0.00	0.13	0.11
T6 CAIRP heavy	65 MPH	0.00%	0.00	0.05	0.01	0.00	0.00	0.00
T6 CAIRP small	65 MPH	0.00%	0.00	0.12	0.02	0.00	0.01	0.01
T6 instate construction heavy	65 MPH	0.02%	0.05	1.18	0.14	0.00	0.07	0.05
T6 instate construction small	65 MPH	0.04%	0.08	2.21	0.32	0.00	0.16	0.12
T6 instate heavy	65 MPH	0.06%	0.18	4.43	0.54	0.01	0.25	0.20
T6 instate small	65 MPH	0.16%	0.32	8.33	1.24	0.01	0.61	0.47
T6 OOS heavy	65 MPH	0.00%	0.00	0.03	0.00	0.00	0.00	0.00
T6 OOS small	65 MPH	0.00%	0.00	0.07	0.01	0.00	0.01	0.00
T6 Public	65 MPH	0.01%	0.01	0.47	0.04	0.00	0.02	0.02
T6 utility	65 MPH	0.00%	0.00	0.07	0.01	0.00	0.00	0.00
T6TS	65 MPH	0.05%	0.11	0.99	4.62	0.00	0.02	0.01
T7 Ag	65 MPH	0.07%	0.38	8.55	1.56	0.01	0.44	0.38
T7 CAIRP	65 MPH	0.46%	1.36	32.25	9.15	0.06	2.49	2.10
T7 CAIRP construction	65 MPH	0.01%	0.03	0.80	0.23	0.00	0.06	0.05
T7 NNOOS	65 MPH	0.51%	0.97	21.57	7.23	0.07	1.80	1.44
T7 NOOS	65 MPH	0.17%	0.49	11.75	3.30	0.02	0.90	0.76
T7 other port	65 MPH	0.01%	0.01	1.04	0.08	0.00	0.03	0.02
T7 POAK	65 MPH	0.02%	0.04	3.09	0.19	0.00	0.07	0.06
T7 POLA	65 MPH	0.04%	0.07	2.27	0.57	0.01	0.10	0.08
T7 Public	65 MPH	0.01%	0.02	0.75	0.09	0.00	0.03	0.03
T7 Single	65 MPH	0.04%	0.13	3.79	0.53	0.01	0.16	0.13
T7 single construction	65 MPH	0.03%	0.09	2.65	0.37	0.00	0.11	0.09
T7 SWCV	65 MPH	0.01%	0.01	1.30	0.04	0.00	0.02	0.01
T7 tractor	65 MPH	0.65%	3.02	62.46	13.93	0.08	3.82	3.24
T7 tractor construction	65 MPH	0.02%	0.11	2.15	0.47	0.00	0.13	0.11
T7 utility	65 MPH	0.00%	0.00	0.08	0.01	0.00	0.00	0.00
T7IS	65 MPH	0.01%	0.05	0.57	3.38	0.00	0.00	0.00
UBUS	65 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00

All Other Buses	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
LDA	70 MPH	51.72%	0.00	0.00	0.04	0.00	0.00	0.00
LDT1	70 MPH	7.48%	0.00	0.00	0.01	0.00	0.00	0.00
LDT2	70 MPH	19.17%	0.00	0.00	0.02	0.00	0.00	0.00
LHD1	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
LHD2	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
MCY	70 MPH	0.77%	0.00	0.00	0.03	0.00	0.00	0.00
MDV	70 MPH	20.86%	0.00	0.00	0.02	0.00	0.00	0.00
MH	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
Motor Coach	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
OBUS	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
PTO	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
SBUS	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T6 Ag	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T6 CAIRP heavy	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T6 CAIRP small	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T6 instate construction heavy	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T6 instate construction small	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T6 instate heavy	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T6 instate small	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T6 OOS heavy	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T6 OOS small	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T6 Public	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T6 utility	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T6TS	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T7 Ag	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T7 CAIRP	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T7 CAIRP construction	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T7 NNOOS	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T7 NOOS	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T7 other port	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T7 POAK	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T7 POLA	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T7 Public	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T7 Single	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T7 single construction	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T7 SWCV	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T7 tractor	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T7 tractor construction	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T7 utility	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T7IS	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
UBUS	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL			**669.08**	**5,693.20**	**11,742.19**	**22.96**	**380.40**	**232.98**

Based on the emission factors for Fresno County - San Joaquin Valley Air Basin

Year 2035 Criteria Air Pollutants

Based on EMFAC2011

EMFAC2011-PL Speed Bins

	VMT Speed Bins (MPH)	Daily VMT	% of Total	Adjusted Daily VMT[1]	Adjusted Annual VMT[2]
5	0 - 5	282	0.01%	291	100,922
10	5 - 10	4,143	0.11%	4,273	1,482,697
15	10 - 15	205,132	5.40%	211,564	73,412,668
20	15 - 20	12,742	0.34%	13,142	4,560,109
25	20 - 25	35,672	0.94%	36,790	12,766,300
30	25 - 30	157,861	4.16%	162,811	56,495,316
35	30 - 35	169,925	4.47%	175,253	60,812,782
40	35 - 40	538,380	14.17%	555,261	192,675,508
45	40 - 45	844,543	22.23%	871,024	302,245,164
50	45 - 50	647,407	17.04%	667,706	231,694,106
55	50 - 55	202,547	5.33%	208,898	72,487,548
60	55 - 60	334,389	8.80%	344,874	119,671,181
65	60 - 65	645,868	17.00%	666,119	231,143,328
70	65 - 70	62	0.00%	64	22,189
	70 - 75	0	0.00%	0	0
	>75	0	0.00%	0	0
	Total	3,798,953		3,918,069	1,359,569,820
	SP	239,006		246,500	
	VMT/SP	15.89			

[1.] VMT is adjusted based on per capita VMT in the Traffic Study provided by Fehr and Peers (i.e., VMT/population and employment (service population)).

[2.] Adjusted Daily vehicles miles traveled (VMT) multiplied by 347 days/year to account for reduced traffic on weekends and holidays. This assumption is consistent with the California Air Resources Board's (CARB) methodology within the Climate Change Scoping Plan Measure Documentation Supplement.

Emission year

Baseline in P-2035					lbs/day			
Vehicle Type	**Speed**	**Percent of VMT of SpeedBin**	**ROG**	**NOx**	**CO**	**SOx**	**PM10**	**PM2.5**
All Other Buses	05 MPH	0.25%	0.00	0.01	0.00	0.00	0.00	0.00
LDA	05 MPH	1.05%	0.00	0.00	0.01	0.00	0.00	0.00
LDT1	05 MPH	0.16%	0.00	0.00	0.00	0.00	0.00	0.00
LDT2	05 MPH	0.39%	0.00	0.00	0.00	0.00	0.00	0.00
LHD1	05 MPH	59.98%	0.04	0.23	0.52	0.00	0.03	0.02
LHD2	05 MPH	8.69%	0.01	0.05	0.09	0.00	0.01	0.00
MCY	05 MPH	0.02%	0.00	0.00	0.00	0.00	0.00	0.00
MDV	05 MPH	0.40%	0.00	0.00	0.00	0.00	0.00	0.00
MH	05 MPH	0.90%	0.00	0.01	0.01	0.00	0.00	0.00
Motor Coach	05 MPH	0.12%	0.00	0.00	0.00	0.00	0.00	0.00
OBUS	05 MPH	0.46%	0.00	0.00	0.00	0.00	0.00	0.00
PTO	05 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
SBUS	05 MPH	0.35%	0.00	0.02	0.01	0.00	0.00	0.00
T6 Ag	05 MPH	0.35%	0.00	0.01	0.00	0.00	0.00	0.00
T6 CAIRP heavy	05 MPH	0.02%	0.00	0.00	0.00	0.00	0.00	0.00
T6 CAIRP small	05 MPH	0.06%	0.00	0.00	0.00	0.00	0.00	0.00
T6 instate construction heavy	05 MPH	0.57%	0.00	0.01	0.01	0.00	0.00	0.00
T6 instate construction smal	05 MPH	1.56%	0.01	0.03	0.02	0.00	0.00	0.00
T6 instate heavy	05 MPH	1.34%	0.01	0.03	0.02	0.00	0.00	0.00
T6 instate small	05 MPH	3.65%	0.03	0.08	0.04	0.00	0.00	0.00
T6 OOS heavy	05 MPH	0.01%	0.00	0.00	0.00	0.00	0.00	0.00
T6 OOS small	05 MPH	0.04%	0.00	0.00	0.00	0.00	0.00	0.00
T6 Public	05 MPH	0.15%	0.00	0.00	0.00	0.00	0.00	0.00
T6 utility	05 MPH	0.04%	0.00	0.00	0.00	0.00	0.00	0.00
T6TS	05 MPH	1.47%	0.00	0.00	0.01	0.00	0.00	0.00
T7 Ag	05 MPH	0.33%	0.01	0.01	0.01	0.00	0.00	0.00
T7 CAIRP	05 MPH	3.64%	0.06	0.16	0.12	0.00	0.00	0.00
T7 CAIRP construction	05 MPH	0.15%	0.00	0.01	0.00	0.00	0.00	0.00
T7 NNOOS	05 MPH	4.10%	0.06	0.14	0.12	0.00	0.00	0.00
T7 NOOS	05 MPH	1.33%	0.02	0.06	0.04	0.00	0.00	0.00
T7 other port	05 MPH	0.06%	0.00	0.00	0.00	0.00	0.00	0.00
T7 POAK	05 MPH	0.37%	0.01	0.02	0.01	0.00	0.00	0.00
T7 POLA	05 MPH	0.60%	0.01	0.03	0.02	0.00	0.00	0.00
T7 Public	05 MPH	0.05%	0.00	0.00	0.00	0.00	0.00	0.00
T7 Single	05 MPH	0.34%	0.00	0.01	0.01	0.00	0.00	0.00
T7 single construction	05 MPH	0.39%	0.01	0.01	0.01	0.00	0.00	0.00
T7 SWCV	05 MPH	0.10%	0.00	0.00	0.00	0.00	0.00	0.00
T7 tractor	05 MPH	5.18%	0.09	0.23	0.17	0.00	0.01	0.00
T7 tractor construction	05 MPH	0.29%	0.00	0.01	0.01	0.00	0.00	0.00
T7 utility	05 MPH	0.01%	0.00	0.00	0.00	0.00	0.00	0.00
T7IS	05 MPH	0.07%	0.00	0.00	0.06	0.00	0.00	0.00
UBUS	05 MPH	1.00%	0.01	0.06	0.06	0.00	0.01	0.00

All Other Buses	10 MPH	0.30%	0.02	0.09	0.04	0.00	0.01	0.00
LDA	10 MPH	12.82%	0.05	0.11	1.24	0.00	0.06	0.03
LDT1	10 MPH	1.90%	0.01	0.02	0.22	0.00	0.01	0.00
LDT2	10 MPH	4.73%	0.02	0.05	0.54	0.00	0.02	0.01
LHD1	10 MPH	39.87%	0.33	2.10	4.18	0.03	0.30	0.15
LHD2	10 MPH	6.11%	0.06	0.45	0.76	0.00	0.06	0.03
MCY	10 MPH	0.20%	0.08	0.02	0.41	0.00	0.00	0.00
MDV	10 MPH	4.86%	0.03	0.07	0.73	0.00	0.02	0.01
MH	10 MPH	1.08%	0.02	0.17	0.08	0.00	0.01	0.00
Motor Coach	10 MPH	0.11%	0.01	0.05	0.03	0.00	0.00	0.00
OBUS	10 MPH	0.54%	0.00	0.01	0.05	0.00	0.00	0.00
PTO	10 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
SBUS	10 MPH	0.29%	0.03	0.17	0.07	0.00	0.02	0.01
T6 Ag	10 MPH	0.41%	0.03	0.11	0.05	0.00	0.01	0.00
T6 CAIRP heavy	10 MPH	0.02%	0.00	0.00	0.00	0.00	0.00	0.00
T6 CAIRP small	10 MPH	0.07%	0.00	0.02	0.01	0.00	0.00	0.00
T6 instate construction heavy	10 MPH	0.67%	0.04	0.18	0.08	0.00	0.01	0.01
T6 instate construction small	10 MPH	1.84%	0.11	0.42	0.21	0.00	0.03	0.02
T6 instate heavy	10 MPH	1.58%	0.10	0.42	0.19	0.00	0.03	0.01
T6 instate small	10 MPH	4.30%	0.25	0.99	0.48	0.00	0.07	0.04
T6 OOS heavy	10 MPH	0.01%	0.00	0.00	0.00	0.00	0.00	0.00
T6 OOS small	10 MPH	0.04%	0.00	0.01	0.00	0.00	0.00	0.00
T6 Public	10 MPH	0.17%	0.01	0.05	0.02	0.00	0.00	0.00
T6 utility	10 MPH	0.05%	0.00	0.01	0.00	0.00	0.00	0.00
T6TS	10 MPH	1.76%	0.01	0.02	0.14	0.00	0.01	0.00
T7 Ag	10 MPH	0.29%	0.04	0.13	0.09	0.00	0.00	0.00
T7 CAIRP	10 MPH	3.30%	0.47	1.60	1.00	0.01	0.05	0.03
T7 CAIRP construction	10 MPH	0.14%	0.02	0.07	0.04	0.00	0.00	0.00
T7 NNOOS	10 MPH	3.71%	0.45	1.44	0.97	0.01	0.05	0.03
T7 NOOS	10 MPH	1.20%	0.17	0.58	0.36	0.00	0.02	0.01
T7 other port	10 MPH	0.05%	0.01	0.03	0.02	0.00	0.00	0.00
T7 POAK	10 MPH	0.33%	0.06	0.21	0.12	0.00	0.01	0.00
T7 POLA	10 MPH	0.55%	0.09	0.34	0.20	0.00	0.01	0.01
T7 Public	10 MPH	0.04%	0.00	0.03	0.01	0.00	0.00	0.00
T7 Single	10 MPH	0.30%	0.03	0.10	0.07	0.00	0.00	0.00
T7 single construction	10 MPH	0.35%	0.04	0.12	0.08	0.00	0.00	0.00
T7 SWCV	10 MPH	0.09%	0.01	0.03	0.02	0.00	0.00	0.00
T7 tractor	10 MPH	4.69%	0.66	2.28	1.42	0.01	0.07	0.04
T7 tractor construction	10 MPH	0.26%	0.04	0.13	0.08	0.00	0.00	0.00
T7 utility	10 MPH	0.01%	0.00	0.00	0.00	0.00	0.00	0.00
T7IS	10 MPH	0.08%	0.02	0.03	0.78	0.00	0.00	0.00
UBUS	10 MPH	0.85%	0.07	0.62	0.62	0.00	0.07	0.04

All Other Buses	15 MPH	0.26%	0.44	2.75	0.96	0.01	0.22	0.12
LDA	15 MPH	4.91%	0.63	1.87	21.74	0.08	1.16	0.53
LDT1	15 MPH	0.73%	0.11	0.32	3.78	0.01	0.17	0.08
LDT2	15 MPH	1.81%	0.29	0.85	9.39	0.04	0.43	0.19
LHD1	15 MPH	57.35%	17.73	130.00	208.09	2.11	20.23	10.10
LHD2	15 MPH	8.68%	3.41	26.91	37.70	0.27	4.09	2.10
MCY	15 MPH	0.08%	1.13	0.41	6.78	0.00	0.02	0.01
MDV	15 MPH	1.86%	0.40	1.18	12.73	0.05	0.44	0.20
MH	15 MPH	0.88%	0.39	5.27	2.07	0.03	0.31	0.15
Motor Coach	15 MPH	0.08%	0.27	1.32	0.66	0.01	0.08	0.04
OBUS	15 MPH	0.44%	0.09	0.29	1.36	0.01	0.09	0.04
PTO	15 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
SBUS	15 MPH	0.37%	0.87	8.27	2.93	0.02	0.96	0.44
T6 Ag	15 MPH	0.36%	0.59	3.61	1.29	0.02	0.30	0.16
T6 CAIRP heavy	15 MPH	0.02%	0.03	0.15	0.06	0.00	0.02	0.01
T6 CAIRP small	15 MPH	0.06%	0.09	0.49	0.19	0.00	0.05	0.03
T6 instate construction heavy	15 MPH	0.58%	0.95	5.79	2.05	0.03	0.49	0.26
T6 instate construction small	15 MPH	1.59%	2.36	13.71	5.12	0.08	1.31	0.67
T6 instate heavy	15 MPH	1.37%	2.23	13.62	4.83	0.07	1.15	0.60
T6 instate small	15 MPH	3.73%	5.53	32.11	11.99	0.20	3.06	1.56
T6 OOS heavy	15 MPH	0.01%	0.02	0.09	0.03	0.00	0.01	0.00
T6 OOS small	15 MPH	0.04%	0.05	0.28	0.11	0.00	0.03	0.01
T6 Public	15 MPH	0.15%	0.18	1.44	0.40	0.01	0.12	0.06
T6 utility	15 MPH	0.04%	0.05	0.22	0.10	0.00	0.03	0.01
T6TS	15 MPH	1.42%	0.25	0.86	3.83	0.05	0.30	0.12
T7 Ag	15 MPH	0.23%	0.80	3.94	1.94	0.02	0.17	0.10
T7 CAIRP	15 MPH	2.59%	9.19	46.65	22.45	0.20	1.97	1.16
T7 CAIRP construction	15 MPH	0.11%	0.38	1.91	0.92	0.01	0.08	0.05
T7 NNOOS	15 MPH	2.91%	8.97	42.10	21.91	0.22	2.07	1.16
T7 NOOS	15 MPH	0.94%	3.35	16.99	8.18	0.07	0.72	0.42
T7 other port	15 MPH	0.04%	0.18	0.99	0.44	0.00	0.04	0.02
T7 POAK	15 MPH	0.26%	1.12	6.15	2.73	0.02	0.22	0.14
T7 POLA	15 MPH	0.43%	1.83	10.09	4.48	0.03	0.36	0.22
T7 Public	15 MPH	0.03%	0.08	0.86	0.19	0.00	0.02	0.01
T7 Single	15 MPH	0.24%	0.67	2.93	1.63	0.02	0.16	0.09
T7 single construction	15 MPH	0.27%	0.77	3.38	1.88	0.02	0.19	0.10
T7 SWCV	15 MPH	0.07%	0.18	0.89	0.44	0.01	0.05	0.02
T7 tractor	15 MPH	3.68%	13.12	66.67	32.06	0.28	2.81	1.65
T7 tractor construction	15 MPH	0.21%	0.73	3.72	1.79	0.02	0.16	0.09
T7 utility	15 MPH	0.01%	0.01	0.05	0.03	0.00	0.00	0.00
T7IS	15 MPH	0.06%	0.37	1.03	18.58	0.00	0.01	0.00
UBUS	15 MPH	1.10%	2.99	31.78	26.24	0.09	4.05	2.16

All Other Buses	20 MPH	0.06%	0.00	0.03	0.01	0.00	0.00	0.00
LDA	20 MPH	39.28%	0.22	0.83	9.77	0.04	0.56	0.24
LDT1	20 MPH	5.82%	0.04	0.14	1.70	0.01	0.08	0.04
LDT2	20 MPH	14.49%	0.10	0.38	4.22	0.02	0.20	0.09
LHD1	20 MPH	13.71%	0.21	1.73	2.26	0.03	0.29	0.14
LHD2	20 MPH	2.05%	0.04	0.35	0.41	0.00	0.06	0.03
MCY	20 MPH	0.61%	0.46	0.20	3.02	0.00	0.01	0.00
MDV	20 MPH	14.89%	0.14	0.52	5.72	0.03	0.21	0.09
MH	20 MPH	0.19%	0.00	0.06	0.02	0.00	0.00	0.00
Motor Coach	20 MPH	0.04%	0.00	0.03	0.01	0.00	0.00	0.00
OBUS	20 MPH	0.10%	0.00	0.00	0.01	0.00	0.00	0.00
PTO	20 MPH	0.71%	0.05	0.41	0.16	0.00	0.01	0.01
SBUS	20 MPH	0.11%	0.01	0.11	0.03	0.00	0.02	0.01
T6 Ag	20 MPH	0.08%	0.00	0.04	0.01	0.00	0.00	0.00
T6 CAIRP heavy	20 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T6 CAIRP small	20 MPH	0.01%	0.00	0.01	0.00	0.00	0.00	0.00
T6 instate construction heavy	20 MPH	0.13%	0.01	0.06	0.02	0.00	0.01	0.00
T6 instate construction small	20 MPH	0.36%	0.01	0.14	0.04	0.00	0.02	0.01
T6 instate heavy	20 MPH	0.31%	0.01	0.14	0.04	0.00	0.02	0.01
T6 instate small	20 MPH	0.83%	0.03	0.34	0.09	0.00	0.04	0.02
T6 OOS heavy	20 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T6 OOS small	20 MPH	0.01%	0.00	0.00	0.00	0.00	0.00	0.00
T6 Public	20 MPH	0.03%	0.00	0.02	0.00	0.00	0.00	0.00
T6 utility	20 MPH	0.01%	0.00	0.00	0.00	0.00	0.00	0.00
T6TS	20 MPH	0.31%	0.00	0.01	0.04	0.00	0.00	0.00
T7 Ag	20 MPH	0.11%	0.01	0.09	0.03	0.00	0.00	0.00
T7 CAIRP	20 MPH	1.19%	0.11	1.01	0.35	0.01	0.05	0.03
T7 CAIRP construction	20 MPH	0.05%	0.00	0.04	0.01	0.00	0.00	0.00
T7 NNOOS	20 MPH	1.34%	0.11	0.91	0.34	0.01	0.06	0.03
T7 NOOS	20 MPH	0.43%	0.04	0.37	0.13	0.00	0.02	0.01
T7 other port	20 MPH	0.02%	0.00	0.02	0.01	0.00	0.00	0.00
T7 POAK	20 MPH	0.12%	0.01	0.13	0.04	0.00	0.01	0.00
T7 POLA	20 MPH	0.20%	0.02	0.22	0.07	0.00	0.01	0.01
T7 Public	20 MPH	0.02%	0.00	0.02	0.00	0.00	0.00	0.00
T7 Single	20 MPH	0.11%	0.01	0.06	0.03	0.00	0.00	0.00
T7 single construction	20 MPH	0.13%	0.01	0.07	0.03	0.00	0.01	0.00
T7 SWCV	20 MPH	0.03%	0.00	0.02	0.01	0.00	0.00	0.00
T7 tractor	20 MPH	1.70%	0.16	1.44	0.50	0.01	0.08	0.04
T7 tractor construction	20 MPH	0.09%	0.01	0.08	0.03	0.00	0.00	0.00
T7 utility	20 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T7IS	20 MPH	0.02%	0.01	0.02	0.30	0.00	0.00	0.00
UBUS	20 MPH	0.30%	0.04	0.46	0.32	0.00	0.07	0.03

All Other Buses	25 MPH	0.15%	0.02	0.18	0.05	0.00	0.02	0.01
LDA	25 MPH	23.36%	0.27	1.26	15.10	0.06	0.90	0.39
LDT1	25 MPH	3.46%	0.05	0.21	2.62	0.01	0.13	0.06
LDT2	25 MPH	8.62%	0.12	0.57	6.51	0.03	0.33	0.14
LHD1	25 MPH	28.80%	0.98	9.51	10.23	0.18	1.66	0.78
LHD2	25 MPH	4.65%	0.21	2.03	1.99	0.03	0.35	0.17
MCY	25 MPH	0.36%	0.65	0.33	4.68	0.00	0.01	0.01
MDV	25 MPH	8.85%	0.17	0.79	8.82	0.04	0.34	0.15
MH	25 MPH	0.52%	0.02	0.39	0.11	0.00	0.03	0.01
Motor Coach	25 MPH	0.10%	0.02	0.18	0.07	0.00	0.02	0.01
OBUS	25 MPH	0.26%	0.00	0.03	0.08	0.00	0.01	0.00
PTO	25 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
SBUS	25 MPH	0.41%	0.06	1.09	0.30	0.00	0.18	0.08
T6 Ag	25 MPH	0.20%	0.02	0.24	0.06	0.00	0.03	0.01
T6 CAIRP heavy	25 MPH	0.01%	0.00	0.01	0.00	0.00	0.00	0.00
T6 CAIRP small	25 MPH	0.04%	0.00	0.03	0.01	0.00	0.00	0.00
T6 instate construction heavy	25 MPH	0.33%	0.04	0.39	0.10	0.00	0.05	0.02
T6 instate construction small	25 MPH	0.90%	0.09	0.92	0.26	0.01	0.13	0.06
T6 instate heavy	25 MPH	0.77%	0.08	0.91	0.24	0.01	0.11	0.06
T6 instate small	25 MPH	2.11%	0.20	2.14	0.60	0.02	0.29	0.15
T6 OOS heavy	25 MPH	0.01%	0.00	0.01	0.00	0.00	0.00	0.00
T6 OOS small	25 MPH	0.02%	0.00	0.02	0.01	0.00	0.00	0.00
T6 Public	25 MPH	0.09%	0.01	0.10	0.02	0.00	0.01	0.01
T6 utility	25 MPH	0.02%	0.00	0.01	0.00	0.00	0.00	0.00
T6TS	25 MPH	0.84%	0.01	0.10	0.22	0.00	0.03	0.01
T7 Ag	25 MPH	0.27%	0.06	0.54	0.20	0.00	0.03	0.02
T7 CAIRP	25 MPH	3.00%	0.70	6.37	2.32	0.04	0.37	0.21
T7 CAIRP construction	25 MPH	0.12%	0.03	0.26	0.10	0.00	0.02	0.01
T7 NNOOS	25 MPH	3.38%	0.68	5.75	2.26	0.04	0.39	0.21
T7 NOOS	25 MPH	1.09%	0.25	2.32	0.84	0.01	0.14	0.08
T7 other port	25 MPH	0.05%	0.01	0.14	0.05	0.00	0.01	0.00
T7 POAK	25 MPH	0.30%	0.08	0.84	0.28	0.00	0.04	0.02
T7 POLA	25 MPH	0.50%	0.14	1.38	0.46	0.01	0.07	0.04
T7 Public	25 MPH	0.04%	0.01	0.12	0.02	0.00	0.00	0.00
T7 Single	25 MPH	0.28%	0.05	0.40	0.17	0.00	0.03	0.02
T7 single construction	25 MPH	0.32%	0.06	0.46	0.19	0.00	0.04	0.02
T7 SWCV	25 MPH	0.08%	0.01	0.12	0.05	0.00	0.01	0.00
T7 tractor	25 MPH	4.26%	0.99	9.10	3.31	0.06	0.53	0.30
T7 tractor construction	25 MPH	0.24%	0.06	0.51	0.18	0.00	0.03	0.02
T7 utility	25 MPH	0.01%	0.00	0.01	0.00	0.00	0.00	0.00
T7IS	25 MPH	0.07%	0.04	0.22	2.04	0.00	0.00	0.00
UBUS	25 MPH	1.12%	0.30	4.21	2.47	0.02	0.65	0.33

All Other Buses	30 MPH	0.10%	0.04	0.48	0.13	0.00	0.06	0.03
LDA	30 MPH	34.63%	1.39	7.69	90.91	0.42	5.85	2.48
LDT1	30 MPH	5.13%	0.25	1.30	15.77	0.07	0.87	0.37
LDT2	30 MPH	12.78%	0.63	3.48	39.22	0.21	2.16	0.91
LHD1	30 MPH	13.61%	1.70	19.02	17.28	0.39	3.39	1.56
LHD2	30 MPH	2.18%	0.36	3.97	3.33	0.05	0.72	0.34
MCY	30 MPH	0.54%	3.88	2.15	29.56	0.00	0.09	0.03
MDV	30 MPH	13.13%	0.89	4.80	53.09	0.28	2.22	0.94
MH	30 MPH	0.32%	0.04	0.98	0.27	0.01	0.08	0.04
Motor Coach	30 MPH	0.09%	0.07	0.66	0.27	0.01	0.06	0.03
OBUS	30 MPH	0.16%	0.01	0.09	0.17	0.00	0.03	0.01
PTO	30 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
SBUS	30 MPH	0.27%	0.16	2.85	0.76	0.01	0.53	0.24
T6 Ag	30 MPH	0.13%	0.06	0.63	0.18	0.01	0.08	0.04
T6 CAIRP heavy	30 MPH	0.01%	0.00	0.03	0.01	0.00	0.00	0.00
T6 CAIRP small	30 MPH	0.02%	0.01	0.08	0.03	0.00	0.01	0.01
T6 instate construction heavy	30 MPH	0.22%	0.09	1.01	0.29	0.01	0.14	0.07
T6 instate construction small	30 MPH	0.59%	0.22	2.39	0.72	0.02	0.36	0.18
T6 instate heavy	30 MPH	0.51%	0.21	2.37	0.68	0.02	0.32	0.16
T6 instate small	30 MPH	1.38%	0.52	5.59	1.68	0.06	0.85	0.42
T6 OOS heavy	30 MPH	0.00%	0.00	0.02	0.00	0.00	0.00	0.00
T6 OOS small	30 MPH	0.01%	0.00	0.05	0.02	0.00	0.01	0.00
T6 Public	30 MPH	0.06%	0.02	0.26	0.06	0.00	0.03	0.02
T6 utility	30 MPH	0.01%	0.00	0.04	0.01	0.00	0.01	0.00
T6TS	30 MPH	0.52%	0.03	0.28	0.48	0.01	0.08	0.03
T7 Ag	30 MPH	0.25%	0.21	1.97	0.78	0.01	0.13	0.07
T7 CAIRP	30 MPH	2.75%	2.46	23.32	9.01	0.16	1.52	0.86
T7 CAIRP construction	30 MPH	0.11%	0.10	0.96	0.37	0.01	0.06	0.04
T7 NNOOS	30 MPH	3.10%	2.41	21.04	8.79	0.18	1.60	0.87
T7 NOOS	30 MPH	1.00%	0.90	8.49	3.28	0.06	0.55	0.31
T7 other port	30 MPH	0.04%	0.05	0.49	0.18	0.00	0.03	0.02
T7 POAK	30 MPH	0.28%	0.30	3.08	1.10	0.02	0.17	0.10
T7 POLA	30 MPH	0.46%	0.49	5.04	1.80	0.03	0.28	0.16
T7 Public	30 MPH	0.03%	0.02	0.47	0.08	0.00	0.02	0.01
T7 Single	30 MPH	0.25%	0.18	1.46	0.65	0.01	0.13	0.07
T7 single construction	30 MPH	0.29%	0.21	1.69	0.75	0.02	0.15	0.08
T7 SWCV	30 MPH	0.07%	0.05	0.45	0.18	0.00	0.04	0.02
T7 tractor	30 MPH	3.91%	3.52	33.33	12.87	0.23	2.16	1.22
T7 tractor construction	30 MPH	0.22%	0.20	1.86	0.72	0.01	0.12	0.07
T7 utility	30 MPH	0.01%	0.00	0.03	0.01	0.00	0.00	0.00
T7IS	30 MPH	0.07%	0.13	1.02	7.22	0.00	0.01	0.00
UBUS	30 MPH	0.76%	0.72	11.76	5.92	0.05	1.92	0.93

All Other Buses	35 MPH	0.06%	0.02	0.27	0.08	0.00	0.04	0.02
LDA	35 MPH	43.09%	1.52	9.69	111.92	0.56	7.77	3.25
LDT1	35 MPH	6.39%	0.27	1.64	19.40	0.10	1.15	0.48
LDT2	35 MPH	15.90%	0.69	4.38	48.28	0.28	2.87	1.20
LHD1	35 MPH	2.87%	0.33	4.28	3.31	0.09	0.76	0.34
LHD2	35 MPH	0.50%	0.08	0.96	0.69	0.01	0.17	0.08
MCY	35 MPH	0.67%	4.93	2.90	39.50	0.01	0.12	0.05
MDV	35 MPH	16.33%	0.98	6.05	65.35	0.37	2.94	1.23
MH	35 MPH	0.19%	0.02	0.60	0.15	0.01	0.05	0.02
Motor Coach	35 MPH	0.08%	0.06	0.57	0.25	0.00	0.06	0.03
OBUS	35 MPH	0.10%	0.00	0.06	0.09	0.00	0.02	0.01
PTO	35 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
SBUS	35 MPH	0.13%	0.07	1.41	0.38	0.01	0.28	0.13
T6 Ag	35 MPH	0.08%	0.03	0.36	0.11	0.00	0.05	0.03
T6 CAIRP heavy	35 MPH	0.00%	0.00	0.02	0.00	0.00	0.00	0.00
T6 CAIRP small	35 MPH	0.01%	0.00	0.05	0.02	0.00	0.01	0.00
T6 instate construction heavy	35 MPH	0.12%	0.05	0.57	0.17	0.01	0.08	0.04
T6 instate construction small	35 MPH	0.34%	0.12	1.35	0.43	0.01	0.23	0.11
T6 instate heavy	35 MPH	0.29%	0.11	1.34	0.41	0.01	0.20	0.10
T6 instate small	35 MPH	0.80%	0.28	3.16	1.02	0.03	0.53	0.27
T6 OOS heavy	35 MPH	0.00%	0.00	0.01	0.00	0.00	0.00	0.00
T6 OOS small	35 MPH	0.01%	0.00	0.03	0.01	0.00	0.01	0.00
T6 Public	35 MPH	0.03%	0.01	0.15	0.03	0.00	0.02	0.01
T6 utility	35 MPH	0.01%	0.00	0.02	0.01	0.00	0.01	0.00
T6TS	35 MPH	0.32%	0.01	0.19	0.27	0.01	0.05	0.02
T7 Ag	35 MPH	0.22%	0.18	1.70	0.72	0.01	0.13	0.07
T7 CAIRP	35 MPH	2.43%	2.04	20.13	8.34	0.15	1.46	0.83
T7 CAIRP construction	35 MPH	0.10%	0.08	0.83	0.34	0.01	0.06	0.03
T7 NNOOS	35 MPH	2.73%	1.99	18.16	8.13	0.17	1.53	0.84
T7 NOOS	35 MPH	0.88%	0.74	7.33	3.04	0.06	0.53	0.30
T7 other port	35 MPH	0.04%	0.04	0.43	0.16	0.00	0.03	0.02
T7 POAK	35 MPH	0.25%	0.25	2.65	1.01	0.02	0.16	0.10
T7 POLA	35 MPH	0.40%	0.41	4.35	1.66	0.03	0.26	0.16
T7 Public	35 MPH	0.03%	0.02	0.42	0.07	0.00	0.02	0.01
T7 Single	35 MPH	0.22%	0.15	1.26	0.60	0.01	0.12	0.06
T7 single construction	35 MPH	0.26%	0.17	1.46	0.70	0.02	0.14	0.07
T7 SWCV	35 MPH	0.06%	0.04	0.39	0.16	0.00	0.03	0.02
T7 tractor	35 MPH	3.45%	2.91	28.76	11.90	0.22	2.07	1.18
T7 tractor construction	35 MPH	0.19%	0.16	1.61	0.66	0.01	0.12	0.07
T7 utility	35 MPH	0.01%	0.00	0.02	0.01	0.00	0.00	0.00
T7IS	35 MPH	0.06%	0.09	1.00	5.78	0.00	0.01	0.00
UBUS	35 MPH	0.36%	0.31	5.89	2.58	0.03	0.97	0.47

All Other Buses	40 MPH	0.05%	0.06	0.74	0.24	0.01	0.11	0.06
LDA	40 MPH	46.21%	4.46	31.56	348.89	1.92	26.26	10.92
LDT1	40 MPH	6.85%	0.80	5.34	60.50	0.33	3.89	1.62
LDT2	40 MPH	17.05%	2.02	14.27	150.54	0.96	9.69	4.03
LHD1	40 MPH	0.88%	0.28	4.28	2.88	0.09	0.73	0.33
LHD2	40 MPH	0.18%	0.08	1.09	0.69	0.01	0.19	0.09
MCY	40 MPH	0.72%	16.75	10.04	139.59	0.02	0.39	0.16
MDV	40 MPH	17.52%	2.88	19.72	203.74	1.26	9.94	4.13
MH	40 MPH	0.18%	0.05	1.69	0.42	0.02	0.16	0.07
Motor Coach	40 MPH	0.06%	0.12	1.18	0.55	0.01	0.13	0.07
OBUS	40 MPH	0.09%	0.01	0.20	0.25	0.01	0.05	0.02
PTO	40 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
SBUS	40 MPH	0.07%	0.10	2.11	0.59	0.01	0.46	0.21
T6 Ag	40 MPH	0.07%	0.08	0.97	0.32	0.01	0.16	0.08
T6 CAIRP heavy	40 MPH	0.00%	0.00	0.04	0.01	0.00	0.01	0.00
T6 CAIRP small	40 MPH	0.01%	0.01	0.13	0.05	0.00	0.03	0.01
T6 instate construction heavy	40 MPH	0.12%	0.12	1.56	0.51	0.02	0.25	0.13
T6 instate construction small	40 MPH	0.32%	0.31	3.69	1.28	0.04	0.68	0.34
T6 instate heavy	40 MPH	0.27%	0.29	3.67	1.21	0.04	0.60	0.31
T6 instate small	40 MPH	0.75%	0.73	8.64	2.99	0.10	1.59	0.81
T6 OOS heavy	40 MPH	0.00%	0.00	0.02	0.01	0.00	0.00	0.00
T6 OOS small	40 MPH	0.01%	0.01	0.08	0.03	0.00	0.02	0.01
T6 Public	40 MPH	0.03%	0.02	0.41	0.10	0.00	0.06	0.03
T6 utility	40 MPH	0.01%	0.01	0.06	0.02	0.00	0.02	0.01
T6TS	40 MPH	0.30%	0.03	0.58	0.71	0.02	0.16	0.06
T7 Ag	40 MPH	0.15%	0.35	3.53	1.62	0.03	0.30	0.17
T7 CAIRP	40 MPH	1.73%	4.02	41.82	18.67	0.35	3.37	1.95
T7 CAIRP construction	40 MPH	0.07%	0.16	1.72	0.77	0.01	0.14	0.08
T7 NNOOS	40 MPH	1.94%	3.93	37.73	18.22	0.39	3.54	1.96
T7 NOOS	40 MPH	0.63%	1.46	15.23	6.80	0.13	1.23	0.71
T7 other port	40 MPH	0.03%	0.08	0.89	0.37	0.01	0.06	0.04
T7 POAK	40 MPH	0.17%	0.49	5.51	2.27	0.03	0.38	0.23
T7 POLA	40 MPH	0.29%	0.80	9.04	3.73	0.06	0.62	0.38
T7 Public	40 MPH	0.02%	0.03	0.92	0.15	0.00	0.04	0.02
T7 Single	40 MPH	0.16%	0.29	2.62	1.35	0.03	0.28	0.15
T7 single construction	40 MPH	0.18%	0.34	3.03	1.56	0.04	0.32	0.17
T7 SWCV	40 MPH	0.05%	0.08	0.82	0.37	0.01	0.08	0.04
T7 tractor	40 MPH	2.45%	5.74	59.76	26.66	0.49	4.80	2.78
T7 tractor construction	40 MPH	0.14%	0.32	3.34	1.49	0.03	0.27	0.16
T7 utility	40 MPH	0.00%	0.01	0.05	0.03	0.00	0.01	0.00
T7IS	40 MPH	0.04%	0.16	2.16	10.83	0.00	0.02	0.01
UBUS	40 MPH	0.20%	0.46	10.27	3.95	0.04	1.65	0.78

All Other Buses	45 MPH	0.04%	0.06	0.87	0.30	0.01	0.15	0.08
LDA	45 MPH	44.87%	6.23	46.66	494.09	2.92	39.88	16.52
LDT1	45 MPH	6.65%	1.11	7.90	85.69	0.50	5.91	2.45
LDT2	45 MPH	16.56%	2.82	21.10	213.19	1.46	14.71	6.09
LHD1	45 MPH	0.99%	0.44	7.77	4.71	0.15	1.27	0.56
LHD2	45 MPH	0.19%	0.12	1.94	1.09	0.02	0.32	0.15
MCY	45 MPH	0.70%	26.72	15.62	230.67	0.03	0.60	0.24
MDV	45 MPH	17.01%	4.01	29.20	288.57	1.92	15.10	6.25
MH	45 MPH	0.16%	0.06	2.24	0.56	0.02	0.22	0.10
Motor Coach	45 MPH	0.08%	0.23	2.38	1.20	0.02	0.30	0.17
OBUS	45 MPH	0.08%	0.01	0.29	0.34	0.01	0.07	0.03
PTO	45 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
SBUS	45 MPH	0.03%	0.07	1.47	0.43	0.01	0.34	0.16
T6 Ag	45 MPH	0.06%	0.09	1.15	0.41	0.01	0.20	0.11
T6 CAIRP heavy	45 MPH	0.00%	0.00	0.05	0.02	0.00	0.01	0.01
T6 CAIRP small	45 MPH	0.01%	0.01	0.15	0.06	0.00	0.03	0.02
T6 instate construction heavy	45 MPH	0.09%	0.14	1.84	0.65	0.02	0.33	0.17
T6 instate construction small	45 MPH	0.26%	0.34	4.35	1.63	0.06	0.87	0.45
T6 instate heavy	45 MPH	0.22%	0.32	4.32	1.54	0.05	0.77	0.40
T6 instate small	45 MPH	0.60%	0.81	10.18	3.81	0.13	2.04	1.05
T6 OOS heavy	45 MPH	0.00%	0.00	0.03	0.01	0.00	0.01	0.00
T6 OOS small	45 MPH	0.01%	0.01	0.09	0.03	0.00	0.02	0.01
T6 Public	45 MPH	0.02%	0.03	0.49	0.13	0.01	0.08	0.04
T6 utility	45 MPH	0.01%	0.01	0.07	0.03	0.00	0.02	0.01
T6TS	45 MPH	0.26%	0.04	0.85	0.95	0.03	0.23	0.09
T7 Ag	45 MPH	0.21%	0.66	7.12	3.52	0.07	0.66	0.39
T7 CAIRP	45 MPH	2.36%	7.62	84.24	40.64	0.74	7.54	4.46
T7 CAIRP construction	45 MPH	0.10%	0.31	3.46	1.67	0.03	0.31	0.18
T7 NNOOS	45 MPH	2.66%	7.44	76.02	39.65	0.83	7.88	4.47
T7 NOOS	45 MPH	0.86%	2.78	30.68	14.80	0.27	2.74	1.62
T7 other port	45 MPH	0.04%	0.15	1.79	0.80	0.01	0.14	0.08
T7 POAK	45 MPH	0.24%	0.93	11.11	4.95	0.07	0.84	0.53
T7 POLA	45 MPH	0.39%	1.52	18.21	8.11	0.12	1.38	0.86
T7 Public	45 MPH	0.03%	0.06	1.93	0.33	0.01	0.08	0.04
T7 Single	45 MPH	0.22%	0.55	5.29	2.94	0.07	0.61	0.34
T7 single construction	45 MPH	0.25%	0.64	6.11	3.40	0.08	0.71	0.39
T7 SWCV	45 MPH	0.06%	0.15	1.65	0.80	0.02	0.17	0.09
T7 tractor	45 MPH	3.36%	10.88	120.40	58.02	1.05	10.73	6.36
T7 tractor construction	45 MPH	0.19%	0.61	6.73	3.24	0.06	0.60	0.35
T7 utility	45 MPH	0.01%	0.01	0.09	0.06	0.00	0.01	0.01
T7IS	45 MPH	0.04%	0.22	3.66	16.69	0.00	0.03	0.01
UBUS	45 MPH	0.08%	0.27	7.25	2.50	0.03	1.10	0.52

All Other Buses	50 MPH	0.04%	0.04	0.60	0.23	0.01	0.11	0.06
LDA	50 MPH	43.63%	4.48	34.33	343.05	2.17	29.69	12.28
LDT1	50 MPH	6.47%	0.80	5.82	59.52	0.37	4.40	1.82
LDT2	50 MPH	16.10%	2.03	15.53	148.03	1.09	10.95	4.53
LHD1	50 MPH	4.45%	1.41	28.65	16.07	0.52	4.36	1.92
LHD2	50 MPH	0.74%	0.32	6.22	3.18	0.07	0.96	0.43
MCY	50 MPH	0.68%	21.92	11.99	196.16	0.02	0.45	0.18
MDV	50 MPH	16.54%	2.88	21.55	200.44	1.43	11.24	4.64
MH	50 MPH	0.13%	0.04	1.41	0.36	0.02	0.14	0.07
Motor Coach	50 MPH	0.07%	0.14	1.52	0.83	0.02	0.21	0.12
OBUS	50 MPH	0.07%	0.01	0.19	0.21	0.01	0.04	0.02
PTO	50 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
SBUS	50 MPH	0.01%	0.02	0.46	0.14	0.00	0.11	0.05
T6 Ag	50 MPH	0.05%	0.06	0.79	0.30	0.01	0.15	0.08
T6 CAIRP heavy	50 MPH	0.00%	0.00	0.03	0.01	0.00	0.01	0.00
T6 CAIRP small	50 MPH	0.01%	0.01	0.11	0.05	0.00	0.03	0.01
T6 instate construction heavy	50 MPH	0.09%	0.09	1.27	0.49	0.01	0.24	0.13
T6 instate construction small	50 MPH	0.24%	0.22	3.00	1.21	0.04	0.64	0.34
T6 instate heavy	50 MPH	0.21%	0.21	2.98	1.14	0.03	0.57	0.30
T6 instate small	50 MPH	0.56%	0.52	7.03	2.83	0.09	1.51	0.79
T6 OOS heavy	50 MPH	0.00%	0.00	0.02	0.01	0.00	0.00	0.00
T6 OOS small	50 MPH	0.01%	0.00	0.06	0.03	0.00	0.01	0.01
T6 Public	50 MPH	0.02%	0.02	0.34	0.09	0.00	0.06	0.03
T6 utility	50 MPH	0.01%	0.00	0.05	0.02	0.00	0.01	0.01
T6TS	50 MPH	0.22%	0.02	0.56	0.59	0.02	0.14	0.06
T7 Ag	50 MPH	0.18%	0.40	4.56	2.43	0.04	0.47	0.28
T7 CAIRP	50 MPH	2.07%	4.57	54.03	28.08	0.50	5.31	3.23
T7 CAIRP construction	50 MPH	0.08%	0.19	2.22	1.15	0.02	0.22	0.13
T7 NNOOS	50 MPH	2.32%	4.46	48.75	27.40	0.56	5.53	3.22
T7 NOOS	50 MPH	0.75%	1.66	19.67	10.23	0.18	1.93	1.18
T7 other port	50 MPH	0.03%	0.09	1.15	0.55	0.01	0.10	0.06
T7 POAK	50 MPH	0.21%	0.56	7.13	3.42	0.05	0.60	0.38
T7 POLA	50 MPH	0.34%	0.91	11.68	5.60	0.08	0.98	0.63
T7 Public	50 MPH	0.03%	0.04	1.28	0.23	0.01	0.06	0.03
T7 Single	50 MPH	0.19%	0.33	3.39	2.03	0.05	0.43	0.24
T7 single construction	50 MPH	0.22%	0.38	3.92	2.35	0.05	0.50	0.28
T7 SWCV	50 MPH	0.05%	0.09	1.06	0.55	0.01	0.12	0.07
T7 tractor	50 MPH	2.94%	6.52	77.21	40.09	0.71	7.57	4.61
T7 tractor construction	50 MPH	0.16%	0.36	4.31	2.24	0.04	0.42	0.26
T7 utility	50 MPH	0.00%	0.01	0.06	0.04	0.00	0.01	0.01
T7IS	50 MPH	0.03%	0.13	2.56	11.30	0.00	0.02	0.01
UBUS	50 MPH	0.04%	0.08	2.61	0.82	0.01	0.36	0.17

All Other Buses	55 MPH	0.07%	0.02	0.34	0.14	0.00	0.07	0.04
LDA	55 MPH	41.37%	1.36	10.23	95.14	0.65	8.81	3.65
LDT1	55 MPH	6.13%	0.24	1.74	16.52	0.11	1.31	0.54
LDT2	55 MPH	15.27%	0.61	4.63	41.06	0.32	3.25	1.35
LHD1	55 MPH	2.32%	0.22	5.21	2.68	0.08	0.71	0.31
LHD2	55 MPH	0.46%	0.06	1.35	0.63	0.01	0.18	0.08
MCY	55 MPH	0.64%	7.52	3.69	70.17	0.01	0.13	0.05
MDV	55 MPH	15.68%	0.87	6.45	55.63	0.43	3.34	1.38
MH	55 MPH	0.23%	0.02	0.75	0.20	0.01	0.08	0.04
Motor Coach	55 MPH	0.10%	0.06	0.73	0.42	0.01	0.11	0.06
OBUS	55 MPH	0.11%	0.00	0.10	0.12	0.00	0.02	0.01
PTO	55 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
SBUS	55 MPH	0.03%	0.01	0.27	0.09	0.00	0.07	0.03
T6 Ag	55 MPH	0.10%	0.03	0.45	0.19	0.01	0.09	0.05
T6 CAIRP heavy	55 MPH	0.01%	0.00	0.02	0.01	0.00	0.00	0.00
T6 CAIRP small	55 MPH	0.02%	0.00	0.06	0.03	0.00	0.02	0.01
T6 instate construction heavy	55 MPH	0.16%	0.05	0.72	0.30	0.01	0.15	0.08
T6 instate construction small	55 MPH	0.45%	0.12	1.72	0.74	0.02	0.39	0.21
T6 instate heavy	55 MPH	0.38%	0.11	1.70	0.70	0.02	0.34	0.19
T6 instate small	55 MPH	1.05%	0.28	4.02	1.73	0.05	0.91	0.49
T6 OOS heavy	55 MPH	0.00%	0.00	0.01	0.00	0.00	0.00	0.00
T6 OOS small	55 MPH	0.01%	0.00	0.03	0.02	0.00	0.01	0.00
T6 Public	55 MPH	0.04%	0.01	0.20	0.06	0.00	0.03	0.02
T6 utility	55 MPH	0.01%	0.00	0.03	0.01	0.00	0.01	0.00
T6TS	55 MPH	0.36%	0.01	0.30	0.33	0.01	0.07	0.03
T7 Ag	55 MPH	0.29%	0.18	2.17	1.24	0.02	0.24	0.15
T7 CAIRP	55 MPH	3.20%	2.03	25.70	14.29	0.24	2.74	1.72
T7 CAIRP construction	55 MPH	0.13%	0.08	1.05	0.59	0.01	0.11	0.07
T7 NNOOS	55 MPH	3.60%	1.98	23.19	13.94	0.27	2.83	1.70
T7 NOOS	55 MPH	1.17%	0.74	9.36	5.20	0.09	1.00	0.63
T7 other port	55 MPH	0.05%	0.04	0.54	0.28	0.00	0.05	0.03
T7 POAK	55 MPH	0.32%	0.25	3.39	1.74	0.02	0.31	0.21
T7 POLA	55 MPH	0.53%	0.40	5.56	2.85	0.04	0.51	0.34
T7 Public	55 MPH	0.04%	0.02	0.62	0.12	0.00	0.03	0.02
T7 Single	55 MPH	0.29%	0.15	1.61	1.03	0.02	0.22	0.13
T7 single construction	55 MPH	0.34%	0.17	1.86	1.19	0.03	0.25	0.15
T7 SWCV	55 MPH	0.08%	0.04	0.51	0.28	0.01	0.06	0.03
T7 tractor	55 MPH	4.55%	2.89	36.73	20.40	0.34	3.90	2.45
T7 tractor construction	55 MPH	0.25%	0.16	2.05	1.14	0.02	0.22	0.14
T7 utility	55 MPH	0.01%	0.00	0.03	0.02	0.00	0.00	0.00
T7IS	55 MPH	0.06%	0.07	1.54	7.03	0.00	0.01	0.01
UBUS	55 MPH	0.06%	0.04	1.48	0.42	0.00	0.18	0.08

All Other Buses	60 MPH	0.09%	0.04	0.70	0.30	0.01	0.14	0.08
LDA	60 MPH	47.91%	2.78	19.95	170.02	1.23	16.89	7.01
LDT1	60 MPH	7.10%	0.49	3.40	29.57	0.21	2.50	1.04
LDT2	60 MPH	17.68%	1.26	9.04	73.41	0.62	6.23	2.59
LHD1	60 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
LHD2	60 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
MCY	60 MPH	0.74%	17.47	7.39	171.36	0.01	0.25	0.10
MDV	60 MPH	18.16%	1.77	12.66	99.52	0.81	6.40	2.65
MH	60 MPH	0.27%	0.03	1.48	0.43	0.02	0.15	0.07
Motor Coach	60 MPH	0.03%	0.03	0.37	0.23	0.00	0.06	0.03
OBUS	60 MPH	0.13%	0.01	0.20	0.25	0.01	0.04	0.02
PTO	60 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
SBUS	60 MPH	0.01%	0.01	0.25	0.09	0.00	0.06	0.03
T6 Ag	60 MPH	0.12%	0.06	0.92	0.40	0.01	0.19	0.11
T6 CAIRP heavy	60 MPH	0.01%	0.00	0.04	0.02	0.00	0.01	0.01
T6 CAIRP small	60 MPH	0.02%	0.01	0.12	0.06	0.00	0.03	0.02
T6 instate construction heavy	60 MPH	0.20%	0.09	1.47	0.64	0.02	0.31	0.17
T6 instate construction small	60 MPH	0.55%	0.22	3.48	1.59	0.05	0.81	0.44
T6 instate heavy	60 MPH	0.47%	0.21	3.46	1.50	0.04	0.72	0.40
T6 instate small	60 MPH	1.28%	0.52	8.15	3.72	0.11	1.89	1.04
T6 OOS heavy	60 MPH	0.00%	0.00	0.02	0.01	0.00	0.01	0.00
T6 OOS small	60 MPH	0.01%	0.00	0.07	0.03	0.00	0.02	0.01
T6 Public	60 MPH	0.05%	0.02	0.40	0.12	0.00	0.07	0.04
T6 utility	60 MPH	0.01%	0.00	0.06	0.03	0.00	0.02	0.01
T6TS	60 MPH	0.42%	0.02	0.60	0.71	0.02	0.14	0.06
T7 Ag	60 MPH	0.09%	0.08	1.12	0.67	0.01	0.13	0.08
T7 CAIRP	60 MPH	0.99%	0.97	13.22	7.77	0.12	1.50	0.97
T7 CAIRP construction	60 MPH	0.04%	0.04	0.54	0.32	0.01	0.06	0.04
T7 NNOOS	60 MPH	1.12%	0.95	11.93	7.58	0.14	1.54	0.96
T7 NOOS	60 MPH	0.36%	0.35	4.81	2.83	0.04	0.55	0.35
T7 other port	60 MPH	0.02%	0.02	0.28	0.15	0.00	0.03	0.02
T7 POAK	60 MPH	0.10%	0.12	1.74	0.95	0.01	0.17	0.12
T7 POLA	60 MPH	0.16%	0.19	2.86	1.55	0.02	0.28	0.19
T7 Public	60 MPH	0.01%	0.01	0.32	0.06	0.00	0.02	0.01
T7 Single	60 MPH	0.09%	0.07	0.83	0.56	0.01	0.12	0.07
T7 single construction	60 MPH	0.11%	0.08	0.96	0.65	0.01	0.14	0.08
T7 SWCV	60 MPH	0.03%	0.02	0.26	0.15	0.00	0.03	0.02
T7 tractor	60 MPH	1.41%	1.39	18.89	11.10	0.18	2.14	1.38
T7 tractor construction	60 MPH	0.08%	0.08	1.06	0.62	0.01	0.12	0.08
T7 utility	60 MPH	0.00%	0.00	0.01	0.01	0.00	0.00	0.00
T7IS	60 MPH	0.02%	0.03	0.66	3.26	0.00	0.01	0.00
UBUS	60 MPH	0.09%	0.11	4.90	1.31	0.01	0.48	0.23

All Other Buses	65 MPH	0.01%	0.01	0.22	0.10	0.00	0.04	0.03
LDA	65 MPH	50.70%	6.44	42.35	325.80	2.52	34.68	14.48
LDT1	65 MPH	7.51%	1.14	7.24	56.76	0.43	5.14	2.15
LDT2	65 MPH	18.71%	2.91	19.23	140.73	1.26	12.79	5.34
LHD1	65 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
LHD2	65 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
MCY	65 MPH	0.79%	45.57	15.94	476.19	0.03	0.52	0.21
MDV	65 MPH	19.21%	4.08	27.09	190.99	1.66	13.13	5.47
MH	65 MPH	0.04%	0.01	0.45	0.15	0.00	0.05	0.02
Motor Coach	65 MPH	0.02%	0.03	0.40	0.26	0.00	0.06	0.04
OBUS	65 MPH	0.02%	0.00	0.06	0.09	0.00	0.01	0.01
PTO	65 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
SBUS	65 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T6 Ag	65 MPH	0.02%	0.02	0.28	0.13	0.00	0.06	0.03
T6 CAIRP heavy	65 MPH	0.00%	0.00	0.01	0.01	0.00	0.00	0.00
T6 CAIRP small	65 MPH	0.00%	0.00	0.04	0.02	0.00	0.01	0.01
T6 instate construction heavy	65 MPH	0.03%	0.03	0.45	0.21	0.01	0.10	0.06
T6 instate construction small	65 MPH	0.08%	0.07	1.08	0.51	0.01	0.25	0.14
T6 instate heavy	65 MPH	0.07%	0.06	1.07	0.48	0.01	0.23	0.13
T6 instate small	65 MPH	0.20%	0.15	2.52	1.20	0.03	0.59	0.33
T6 OOS heavy	65 MPH	0.00%	0.00	0.01	0.00	0.00	0.00	0.00
T6 OOS small	65 MPH	0.00%	0.00	0.02	0.01	0.00	0.01	0.00
T6 Public	65 MPH	0.01%	0.01	0.12	0.04	0.00	0.02	0.01
T6 utility	65 MPH	0.00%	0.00	0.02	0.01	0.00	0.01	0.00
T6TS	65 MPH	0.06%	0.01	0.18	0.25	0.01	0.04	0.02
T7 Ag	65 MPH	0.05%	0.09	1.20	0.76	0.01	0.15	0.10
T7 CAIRP	65 MPH	0.54%	0.99	14.23	8.73	0.13	1.69	1.13
T7 CAIRP construction	65 MPH	0.02%	0.04	0.58	0.36	0.01	0.07	0.05
T7 NNOOS	65 MPH	0.60%	0.97	12.84	8.52	0.14	1.72	1.10
T7 NOOS	65 MPH	0.20%	0.36	5.18	3.18	0.05	0.62	0.41
T7 other port	65 MPH	0.01%	0.02	0.30	0.17	0.00	0.03	0.02
T7 POAK	65 MPH	0.05%	0.12	1.88	1.06	0.01	0.20	0.14
T7 POLA	65 MPH	0.09%	0.20	3.08	1.74	0.02	0.32	0.22
T7 Public	65 MPH	0.01%	0.01	0.35	0.07	0.00	0.02	0.01
T7 Single	65 MPH	0.05%	0.07	0.89	0.63	0.01	0.13	0.08
T7 single construction	65 MPH	0.06%	0.08	1.03	0.73	0.01	0.15	0.09
T7 SWCV	65 MPH	0.01%	0.02	0.28	0.17	0.00	0.04	0.02
T7 tractor	65 MPH	0.76%	1.41	20.33	12.47	0.18	2.41	1.61
T7 tractor construction	65 MPH	0.04%	0.08	1.14	0.70	0.01	0.13	0.09
T7 utility	65 MPH	0.00%	0.00	0.02	0.01	0.00	0.00	0.00
T7IS	65 MPH	0.01%	0.03	0.70	3.94	0.00	0.01	0.00
UBUS	65 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00

All Other Buses	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
LDA	70 MPH	52.31%	0.00	0.00	0.03	0.00	0.00	0.00
LDT1	70 MPH	7.75%	0.00	0.00	0.01	0.00	0.00	0.00
LDT2	70 MPH	19.30%	0.00	0.00	0.01	0.00	0.00	0.00
LHD1	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
LHD2	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
MCY	70 MPH	0.81%	0.01	0.00	0.07	0.00	0.00	0.00
MDV	70 MPH	19.82%	0.00	0.00	0.02	0.00	0.00	0.00
MH	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
Motor Coach	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
OBUS	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
PTO	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
SBUS	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T6 Ag	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T6 CAIRP heavy	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T6 CAIRP small	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T6 instate construction heavy	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T6 instate construction small	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T6 instate heavy	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T6 instate small	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T6 OOS heavy	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T6 OOS small	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T6 Public	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T6 utility	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T6TS	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T7 Ag	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T7 CAIRP	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T7 CAIRP construction	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T7 NNOOS	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T7 NOOS	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T7 other port	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T7 POAK	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T7 POLA	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T7 Public	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T7 Single	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T7 single construction	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T7 SWCV	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T7 tractor	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T7 tractor construction	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T7 utility	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T7IS	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
UBUS	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL			**434.57**	**2,615.28**	**7,094.31**	**48.56**	**544.75**	**256.37**

Based on the emission factors for Fresno County - San Joaquin Valley Air Basin

Year P-2035 Criteria Air Pollutants

Based on EMFAC2011

EMFAC2011-PL Speed Bins

	VMT Speed Bins (MPH)	Daily VMT	% of Total	Adjusted Daily VMT[1]	Adjusted Annual VMT[2]
5	0 - 5	1,264	0.02%	1,178	408,925
10	5 - 10	9,954	0.14%	9,280	3,220,283
15	10 - 15	401,801	5.85%	374,609	129,989,260
20	15 - 20	68,785	1.00%	64,130	22,253,084
25	20 - 25	127,827	1.86%	119,176	41,354,146
30	25 - 30	339,699	4.95%	316,710	109,898,237
35	30 - 35	379,549	5.53%	353,863	122,790,370
40	35 - 40	1,066,282	15.53%	994,121	344,959,839
45	40 - 45	1,438,175	20.94%	1,340,845	465,273,367
50	45 - 50	1,012,599	14.74%	944,071	327,592,502
55	50 - 55	489,313	7.13%	456,198	158,300,837
60	55 - 60	570,176	8.30%	531,589	184,461,354
65	60 - 65	961,983	14.01%	896,880	311,217,390
70	65 - 70	84	0.00%	78	27,175
	70 - 75	0	0.00%	0	0
	>75	0	0.00%	0	0
	Total	6,867,491		6,402,728	2,221,746,769
	SP	407,369		379,800	
	VMT/SP	16.86			

1. VMT is adjusted based on per capita VMT in the Traffic Study provided by Fehr and Peers (i.e., VMT/population and employment (service population)).

2. Adjusted Daily vehicles miles traveled (VMT) multiplied by 347 days/year to account for reduced traffic on weekends and holidays. Thi assumption is consistent with the California Air Resources Board's (CARB) methodology within the Climate Change Scoping Plan Measure Documentation Supplement.

Emission year

Baseline in P-2035					lbs/day			
Vehicle Type	**Speed**	**Percent of VMT of SpeedBin**	**ROG**	**NOx**	**CO**	**SOx**	**PM10**	**PM2.5**
All Other Buses	05 MPH	0.25%	0.01	0.03	0.01	0.00	0.00	0.00
LDA	05 MPH	1.05%	0.00	0.00	0.03	0.00	0.00	0.00
LDT1	05 MPH	0.16%	0.00	0.00	0.01	0.00	0.00	0.00
LDT2	05 MPH	0.39%	0.00	0.00	0.01	0.00	0.00	0.00
LHD1	05 MPH	59.98%	0.16	0.95	2.12	0.01	0.13	0.07
LHD2	05 MPH	8.69%	0.03	0.19	0.36	0.00	0.02	0.01
MCY	05 MPH	0.02%	0.00	0.00	0.01	0.00	0.00	0.00
MDV	05 MPH	0.40%	0.00	0.00	0.02	0.00	0.00	0.00
MH	05 MPH	0.90%	0.01	0.05	0.02	0.00	0.00	0.00
Motor Coach	05 MPH	0.12%	0.01	0.02	0.01	0.00	0.00	0.00
OBUS	05 MPH	0.46%	0.00	0.00	0.01	0.00	0.00	0.00
PTO	05 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
SBUS	05 MPH	0.35%	0.01	0.08	0.04	0.00	0.01	0.00
T6 Ag	05 MPH	0.35%	0.01	0.03	0.02	0.00	0.00	0.00
T6 CAIRP heavy	05 MPH	0.02%	0.00	0.00	0.00	0.00	0.00	0.00
T6 CAIRP small	05 MPH	0.06%	0.00	0.00	0.00	0.00	0.00	0.00
T6 instate construction heavy	05 MPH	0.57%	0.02	0.06	0.03	0.00	0.00	0.00
T6 instate construction smal	05 MPH	1.56%	0.04	0.13	0.08	0.00	0.01	0.00
T6 instate heavy	05 MPH	1.34%	0.04	0.13	0.07	0.00	0.01	0.00
T6 instate small	05 MPH	3.65%	0.10	0.31	0.18	0.00	0.02	0.01
T6 OOS heavy	05 MPH	0.01%	0.00	0.00	0.00	0.00	0.00	0.00
T6 OOS small	05 MPH	0.04%	0.00	0.00	0.00	0.00	0.00	0.00
T6 Public	05 MPH	0.15%	0.00	0.01	0.01	0.00	0.00	0.00
T6 utility	05 MPH	0.04%	0.00	0.00	0.00	0.00	0.00	0.00
T6TS	05 MPH	1.47%	0.00	0.00	0.04	0.00	0.00	0.00
T7 Ag	05 MPH	0.33%	0.02	0.05	0.04	0.00	0.00	0.00
T7 CAIRP	05 MPH	3.64%	0.24	0.65	0.49	0.00	0.02	0.01
T7 CAIRP construction	05 MPH	0.15%	0.01	0.03	0.02	0.00	0.00	0.00
T7 NNOOS	05 MPH	4.10%	0.24	0.58	0.48	0.00	0.02	0.01
T7 NOOS	05 MPH	1.33%	0.09	0.24	0.18	0.00	0.01	0.00
T7 other port	05 MPH	0.06%	0.00	0.01	0.01	0.00	0.00	0.00
T7 POAK	05 MPH	0.37%	0.03	0.09	0.06	0.00	0.00	0.00
T7 POLA	05 MPH	0.60%	0.05	0.14	0.10	0.00	0.00	0.00
T7 Public	05 MPH	0.05%	0.00	0.01	0.00	0.00	0.00	0.00
T7 Single	05 MPH	0.34%	0.02	0.04	0.04	0.00	0.00	0.00
T7 single construction	05 MPH	0.39%	0.02	0.05	0.04	0.00	0.00	0.00
T7 SWCV	05 MPH	0.10%	0.00	0.01	0.01	0.00	0.00	0.00
T7 tractor	05 MPH	5.18%	0.35	0.92	0.70	0.00	0.02	0.01
T7 tractor construction	05 MPH	0.29%	0.02	0.05	0.04	0.00	0.00	0.00
T7 utility	05 MPH	0.01%	0.00	0.00	0.00	0.00	0.00	0.00
T7IS	05 MPH	0.07%	0.00	0.01	0.23	0.00	0.00	0.00
UBUS	05 MPH	1.00%	0.03	0.23	0.25	0.00	0.02	0.01

All Other Buses	10 MPH	0.30%	0.04	0.18	0.08	0.00	0.01	0.01
LDA	10 MPH	12.82%	0.11	0.24	2.69	0.01	0.14	0.07
LDT1	10 MPH	1.90%	0.02	0.04	0.47	0.00	0.02	0.01
LDT2	10 MPH	4.73%	0.05	0.11	1.16	0.00	0.05	0.02
LHD1	10 MPH	39.87%	0.71	4.57	9.08	0.06	0.65	0.34
LHD2	10 MPH	6.11%	0.13	0.97	1.66	0.01	0.13	0.07
MCY	10 MPH	0.20%	0.17	0.05	0.90	0.00	0.00	0.00
MDV	10 MPH	4.86%	0.07	0.16	1.58	0.01	0.05	0.03
MH	10 MPH	1.08%	0.04	0.37	0.17	0.00	0.02	0.01
Motor Coach	10 MPH	0.11%	0.03	0.10	0.06	0.00	0.00	0.00
OBUS	10 MPH	0.54%	0.01	0.02	0.11	0.00	0.01	0.00
PTO	10 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
SBUS	10 MPH	0.29%	0.06	0.37	0.16	0.00	0.03	0.02
T6 Ag	10 MPH	0.41%	0.06	0.24	0.11	0.00	0.02	0.01
T6 CAIRP heavy	10 MPH	0.02%	0.00	0.01	0.01	0.00	0.00	0.00
T6 CAIRP small	10 MPH	0.07%	0.01	0.03	0.02	0.00	0.00	0.00
T6 instate construction heavy	10 MPH	0.67%	0.09	0.39	0.18	0.00	0.03	0.01
T6 instate construction small	10 MPH	1.84%	0.24	0.92	0.45	0.00	0.07	0.03
T6 instate heavy	10 MPH	1.58%	0.22	0.92	0.42	0.00	0.06	0.03
T6 instate small	10 MPH	4.30%	0.55	2.16	1.05	0.01	0.16	0.08
T6 OOS heavy	10 MPH	0.01%	0.00	0.01	0.00	0.00	0.00	0.00
T6 OOS small	10 MPH	0.04%	0.01	0.02	0.01	0.00	0.00	0.00
T6 Public	10 MPH	0.17%	0.02	0.10	0.03	0.00	0.01	0.00
T6 utility	10 MPH	0.05%	0.00	0.01	0.01	0.00	0.00	0.00
T6TS	10 MPH	1.76%	0.02	0.04	0.30	0.00	0.02	0.01
T7 Ag	10 MPH	0.29%	0.09	0.29	0.19	0.00	0.01	0.01
T7 CAIRP	10 MPH	3.30%	1.01	3.46	2.16	0.01	0.11	0.07
T7 CAIRP construction	10 MPH	0.14%	0.04	0.14	0.09	0.00	0.00	0.00
T7 NNOOS	10 MPH	3.71%	0.99	3.13	2.11	0.01	0.12	0.07
T7 NOOS	10 MPH	1.20%	0.37	1.26	0.79	0.00	0.04	0.02
T7 other port	10 MPH	0.05%	0.02	0.07	0.04	0.00	0.00	0.00
T7 POAK	10 MPH	0.33%	0.12	0.46	0.26	0.00	0.01	0.01
T7 POLA	10 MPH	0.55%	0.20	0.75	0.43	0.00	0.02	0.01
T7 Public	10 MPH	0.04%	0.01	0.07	0.02	0.00	0.00	0.00
T7 Single	10 MPH	0.30%	0.07	0.22	0.16	0.00	0.01	0.01
T7 single construction	10 MPH	0.35%	0.08	0.25	0.18	0.00	0.01	0.01
T7 SWCV	10 MPH	0.09%	0.02	0.07	0.04	0.00	0.00	0.00
T7 tractor	10 MPH	4.69%	1.44	4.95	3.09	0.02	0.16	0.10
T7 tractor construction	10 MPH	0.26%	0.08	0.28	0.17	0.00	0.01	0.01
T7 utility	10 MPH	0.01%	0.00	0.00	0.00	0.00	0.00	0.00
T7IS	10 MPH	0.08%	0.04	0.06	1.70	0.00	0.00	0.00
UBUS	10 MPH	0.85%	0.14	1.35	1.34	0.00	0.15	0.08

All Other Buses	15 MPH	0.26%	0.78	4.86	1.69	0.02	0.39	0.21
LDA	15 MPH	4.91%	1.12	3.31	38.49	0.14	2.05	0.94
LDT1	15 MPH	0.73%	0.20	0.56	6.70	0.02	0.30	0.14
LDT2	15 MPH	1.81%	0.51	1.50	16.62	0.07	0.76	0.35
LHD1	15 MPH	57.35%	31.40	230.19	368.45	3.74	35.82	17.88
LHD2	15 MPH	8.68%	6.04	47.65	66.75	0.48	7.24	3.73
MCY	15 MPH	0.08%	1.99	0.73	12.00	0.00	0.03	0.01
MDV	15 MPH	1.86%	0.72	2.09	22.55	0.09	0.77	0.35
MH	15 MPH	0.88%	0.70	9.33	3.67	0.06	0.54	0.27
Motor Coach	15 MPH	0.08%	0.48	2.33	1.17	0.01	0.14	0.08
OBUS	15 MPH	0.44%	0.16	0.52	2.41	0.02	0.16	0.07
PTO	15 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
SBUS	15 MPH	0.37%	1.53	14.64	5.19	0.03	1.70	0.78
T6 Ag	15 MPH	0.36%	1.05	6.40	2.28	0.03	0.54	0.28
T6 CAIRP heavy	15 MPH	0.02%	0.05	0.27	0.10	0.00	0.03	0.01
T6 CAIRP small	15 MPH	0.06%	0.16	0.86	0.34	0.01	0.09	0.05
T6 instate construction heavy	15 MPH	0.58%	1.68	10.25	3.64	0.05	0.87	0.45
T6 instate construction small	15 MPH	1.59%	4.18	24.28	9.07	0.15	2.32	1.18
T6 instate heavy	15 MPH	1.37%	3.95	24.12	8.56	0.13	2.04	1.06
T6 instate small	15 MPH	3.73%	9.79	56.85	21.23	0.35	5.42	2.77
T6 OOS heavy	15 MPH	0.01%	0.03	0.16	0.06	0.00	0.02	0.01
T6 OOS small	15 MPH	0.04%	0.09	0.50	0.19	0.00	0.05	0.03
T6 Public	15 MPH	0.15%	0.33	2.55	0.71	0.01	0.21	0.11
T6 utility	15 MPH	0.04%	0.08	0.39	0.17	0.00	0.05	0.03
T6TS	15 MPH	1.42%	0.44	1.52	6.78	0.08	0.53	0.21
T7 Ag	15 MPH	0.23%	1.41	6.98	3.44	0.03	0.31	0.18
T7 CAIRP	15 MPH	2.59%	16.27	82.61	39.76	0.35	3.49	2.05
T7 CAIRP construction	15 MPH	0.11%	0.67	3.39	1.63	0.01	0.14	0.08
T7 NNOOS	15 MPH	2.91%	15.89	74.54	38.79	0.39	3.66	2.05
T7 NOOS	15 MPH	0.94%	5.92	30.08	14.48	0.13	1.27	0.74
T7 other port	15 MPH	0.04%	0.32	1.75	0.78	0.01	0.06	0.04
T7 POAK	15 MPH	0.26%	1.98	10.89	4.84	0.04	0.39	0.24
T7 POLA	15 MPH	0.43%	3.24	17.86	7.93	0.06	0.64	0.39
T7 Public	15 MPH	0.03%	0.14	1.51	0.34	0.00	0.04	0.02
T7 Single	15 MPH	0.24%	1.18	5.18	2.88	0.03	0.29	0.16
T7 single construction	15 MPH	0.27%	1.36	5.99	3.32	0.04	0.33	0.18
T7 SWCV	15 MPH	0.07%	0.32	1.57	0.78	0.01	0.08	0.04
T7 tractor	15 MPH	3.68%	23.23	118.05	56.77	0.50	4.97	2.92
T7 tractor construction	15 MPH	0.21%	1.30	6.59	3.17	0.03	0.28	0.16
T7 utility	15 MPH	0.01%	0.02	0.09	0.06	0.00	0.01	0.00
T7IS	15 MPH	0.06%	0.66	1.82	32.90	0.00	0.02	0.01
UBUS	15 MPH	1.10%	5.29	56.27	46.45	0.16	7.16	3.83

All Other Buses	20 MPH	0.06%	0.01	0.14	0.04	0.00	0.01	0.01
LDA	20 MPH	39.28%	1.07	4.06	47.70	0.19	2.71	1.19
LDT1	20 MPH	5.82%	0.19	0.69	8.29	0.03	0.40	0.18
LDT2	20 MPH	14.49%	0.48	1.84	20.59	0.09	1.00	0.44
LHD1	20 MPH	13.71%	1.01	8.46	11.05	0.15	1.41	0.68
LHD2	20 MPH	2.05%	0.20	1.70	1.99	0.02	0.28	0.14
MCY	20 MPH	0.61%	2.23	0.98	14.73	0.00	0.04	0.02
MDV	20 MPH	14.89%	0.68	2.55	27.91	0.12	1.02	0.45
MH	20 MPH	0.19%	0.01	0.28	0.09	0.00	0.02	0.01
Motor Coach	20 MPH	0.04%	0.02	0.14	0.05	0.00	0.01	0.01
OBUS	20 MPH	0.10%	0.00	0.02	0.07	0.00	0.01	0.00
PTO	20 MPH	0.71%	0.26	2.00	0.80	0.02	0.04	0.04
SBUS	20 MPH	0.11%	0.03	0.55	0.16	0.00	0.08	0.04
T6 Ag	20 MPH	0.08%	0.02	0.18	0.05	0.00	0.02	0.01
T6 CAIRP heavy	20 MPH	0.00%	0.00	0.01	0.00	0.00	0.00	0.00
T6 CAIRP small	20 MPH	0.01%	0.00	0.02	0.01	0.00	0.00	0.00
T6 instate construction heavy	20 MPH	0.13%	0.03	0.30	0.08	0.00	0.03	0.02
T6 instate construction small	20 MPH	0.36%	0.07	0.70	0.19	0.01	0.09	0.04
T6 instate heavy	20 MPH	0.31%	0.06	0.70	0.18	0.00	0.08	0.04
T6 instate small	20 MPH	0.83%	0.16	1.64	0.44	0.01	0.20	0.10
T6 OOS heavy	20 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T6 OOS small	20 MPH	0.01%	0.00	0.01	0.00	0.00	0.00	0.00
T6 Public	20 MPH	0.03%	0.01	0.07	0.01	0.00	0.01	0.00
T6 utility	20 MPH	0.01%	0.00	0.01	0.00	0.00	0.00	0.00
T6TS	20 MPH	0.31%	0.01	0.06	0.18	0.00	0.02	0.01
T7 Ag	20 MPH	0.11%	0.05	0.42	0.15	0.00	0.02	0.01
T7 CAIRP	20 MPH	1.19%	0.55	4.92	1.70	0.03	0.26	0.15
T7 CAIRP construction	20 MPH	0.05%	0.02	0.20	0.07	0.00	0.01	0.01
T7 NNOOS	20 MPH	1.34%	0.54	4.44	1.66	0.03	0.28	0.15
T7 NOOS	20 MPH	0.43%	0.20	1.79	0.62	0.01	0.10	0.05
T7 other port	20 MPH	0.02%	0.01	0.10	0.03	0.00	0.00	0.00
T7 POAK	20 MPH	0.12%	0.07	0.65	0.21	0.00	0.03	0.02
T7 POLA	20 MPH	0.20%	0.11	1.06	0.34	0.00	0.05	0.03
T7 Public	20 MPH	0.02%	0.00	0.09	0.01	0.00	0.00	0.00
T7 Single	20 MPH	0.11%	0.04	0.31	0.12	0.00	0.02	0.01
T7 single construction	20 MPH	0.13%	0.05	0.36	0.14	0.00	0.03	0.01
T7 SWCV	20 MPH	0.03%	0.01	0.09	0.03	0.00	0.01	0.00
T7 tractor	20 MPH	1.70%	0.79	7.03	2.43	0.04	0.38	0.22
T7 tractor construction	20 MPH	0.09%	0.04	0.39	0.14	0.00	0.02	0.01
T7 utility	20 MPH	0.00%	0.00	0.01	0.00	0.00	0.00	0.00
T7IS	20 MPH	0.02%	0.03	0.12	1.46	0.00	0.00	0.00
UBUS	20 MPH	0.30%	0.19	2.26	1.56	0.01	0.32	0.17

All Other Buses	25 MPH	0.15%	0.05	0.59	0.16	0.00	0.07	0.04
LDA	25 MPH	23.36%	0.88	4.09	48.91	0.21	2.93	1.26
LDT1	25 MPH	3.46%	0.16	0.69	8.49	0.04	0.43	0.19
LDT2	25 MPH	8.62%	0.40	1.85	21.10	0.10	1.08	0.46
LHD1	25 MPH	28.80%	3.17	30.81	33.13	0.60	5.36	2.53
LHD2	25 MPH	4.65%	0.68	6.58	6.46	0.08	1.15	0.56
MCY	25 MPH	0.36%	2.12	1.06	15.15	0.00	0.04	0.02
MDV	25 MPH	8.85%	0.57	2.56	28.58	0.14	1.11	0.48
MH	25 MPH	0.52%	0.05	1.25	0.37	0.01	0.10	0.04
Motor Coach	25 MPH	0.10%	0.07	0.58	0.22	0.00	0.05	0.03
OBUS	25 MPH	0.26%	0.02	0.11	0.25	0.00	0.03	0.01
PTO	25 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
SBUS	25 MPH	0.41%	0.21	3.52	0.96	0.01	0.59	0.27
T6 Ag	25 MPH	0.20%	0.07	0.78	0.21	0.01	0.09	0.05
T6 CAIRP heavy	25 MPH	0.01%	0.00	0.03	0.01	0.00	0.00	0.00
T6 CAIRP small	25 MPH	0.04%	0.01	0.11	0.03	0.00	0.02	0.01
T6 instate construction heavy	25 MPH	0.33%	0.11	1.25	0.34	0.01	0.15	0.08
T6 instate construction small	25 MPH	0.90%	0.28	2.97	0.84	0.03	0.41	0.20
T6 instate heavy	25 MPH	0.77%	0.27	2.95	0.79	0.02	0.36	0.18
T6 instate small	25 MPH	2.11%	0.66	6.94	1.96	0.06	0.95	0.47
T6 OOS heavy	25 MPH	0.01%	0.00	0.02	0.01	0.00	0.00	0.00
T6 OOS small	25 MPH	0.02%	0.01	0.06	0.02	0.00	0.01	0.00
T6 Public	25 MPH	0.09%	0.02	0.32	0.07	0.00	0.04	0.02
T6 utility	25 MPH	0.02%	0.01	0.05	0.02	0.00	0.01	0.00
T6TS	25 MPH	0.84%	0.04	0.31	0.71	0.02	0.10	0.04
T7 Ag	25 MPH	0.27%	0.20	1.74	0.65	0.01	0.11	0.06
T7 CAIRP	25 MPH	3.00%	2.25	20.63	7.50	0.13	1.21	0.69
T7 CAIRP construction	25 MPH	0.12%	0.09	0.85	0.31	0.01	0.05	0.03
T7 NNOOS	25 MPH	3.38%	2.20	18.61	7.32	0.14	1.28	0.69
T7 NOOS	25 MPH	1.09%	0.82	7.51	2.73	0.05	0.44	0.25
T7 other port	25 MPH	0.05%	0.04	0.44	0.15	0.00	0.02	0.01
T7 POAK	25 MPH	0.30%	0.27	2.72	0.91	0.01	0.13	0.08
T7 POLA	25 MPH	0.50%	0.45	4.46	1.50	0.02	0.22	0.13
T7 Public	25 MPH	0.04%	0.02	0.39	0.06	0.00	0.01	0.01
T7 Single	25 MPH	0.28%	0.16	1.29	0.54	0.01	0.10	0.05
T7 single construction	25 MPH	0.32%	0.19	1.50	0.63	0.01	0.12	0.06
T7 SWCV	25 MPH	0.08%	0.04	0.39	0.15	0.00	0.03	0.01
T7 tractor	25 MPH	4.26%	3.22	29.48	10.71	0.18	1.73	0.98
T7 tractor construction	25 MPH	0.24%	0.18	1.65	0.60	0.01	0.10	0.05
T7 utility	25 MPH	0.01%	0.00	0.02	0.01	0.00	0.00	0.00
T7IS	25 MPH	0.07%	0.12	0.72	6.60	0.00	0.01	0.00
UBUS	25 MPH	1.12%	0.97	13.64	8.02	0.05	2.12	1.06

All Other Buses	30 MPH	0.10%	0.08	0.93	0.26	0.01	0.12	0.06
LDA	30 MPH	34.63%	2.70	14.95	176.85	0.82	11.39	4.82
LDT1	30 MPH	5.13%	0.48	2.53	30.67	0.14	1.69	0.71
LDT2	30 MPH	12.78%	1.22	6.76	76.29	0.41	4.20	1.78
LHD1	30 MPH	13.61%	3.31	37.01	33.62	0.75	6.59	3.04
LHD2	30 MPH	2.18%	0.71	7.73	6.48	0.10	1.39	0.66
MCY	30 MPH	0.54%	7.54	4.18	57.50	0.01	0.17	0.07
MDV	30 MPH	13.13%	1.74	9.34	103.28	0.54	4.31	1.82
MH	30 MPH	0.32%	0.07	1.92	0.52	0.02	0.16	0.07
Motor Coach	30 MPH	0.09%	0.14	1.28	0.52	0.01	0.12	0.06
OBUS	30 MPH	0.16%	0.02	0.18	0.33	0.01	0.05	0.02
PTO	30 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
SBUS	30 MPH	0.27%	0.31	5.54	1.48	0.02	1.02	0.46
T6 Ag	30 MPH	0.13%	0.11	1.22	0.35	0.01	0.16	0.08
T6 CAIRP heavy	30 MPH	0.01%	0.00	0.05	0.02	0.00	0.01	0.00
T6 CAIRP small	30 MPH	0.02%	0.02	0.17	0.05	0.00	0.03	0.01
T6 instate construction heavy	30 MPH	0.22%	0.17	1.96	0.56	0.02	0.26	0.13
T6 instate construction small	30 MPH	0.59%	0.43	4.64	1.39	0.05	0.70	0.35
T6 instate heavy	30 MPH	0.51%	0.40	4.61	1.31	0.04	0.62	0.31
T6 instate small	30 MPH	1.38%	1.00	10.87	3.26	0.11	1.65	0.82
T6 OOS heavy	30 MPH	0.00%	0.00	0.03	0.01	0.00	0.00	0.00
T6 OOS small	30 MPH	0.01%	0.01	0.09	0.03	0.00	0.02	0.01
T6 Public	30 MPH	0.06%	0.03	0.50	0.11	0.00	0.06	0.03
T6 utility	30 MPH	0.01%	0.01	0.07	0.03	0.00	0.02	0.01
T6TS	30 MPH	0.52%	0.05	0.54	0.93	0.02	0.16	0.06
T7 Ag	30 MPH	0.25%	0.42	3.83	1.52	0.03	0.26	0.14
T7 CAIRP	30 MPH	2.75%	4.79	45.37	17.53	0.31	2.95	1.67
T7 CAIRP construction	30 MPH	0.11%	0.20	1.86	0.72	0.01	0.12	0.07
T7 NNOOS	30 MPH	3.10%	4.68	40.94	17.11	0.35	3.11	1.69
T7 NOOS	30 MPH	1.00%	1.74	16.52	6.38	0.11	1.07	0.61
T7 other port	30 MPH	0.04%	0.09	0.96	0.34	0.01	0.05	0.03
T7 POAK	30 MPH	0.28%	0.58	5.98	2.13	0.03	0.33	0.19
T7 POLA	30 MPH	0.46%	0.95	9.81	3.50	0.05	0.54	0.32
T7 Public	30 MPH	0.03%	0.04	0.91	0.15	0.00	0.03	0.02
T7 Single	30 MPH	0.25%	0.35	2.85	1.27	0.03	0.24	0.13
T7 single construction	30 MPH	0.29%	0.40	3.29	1.47	0.03	0.28	0.15
T7 SWCV	30 MPH	0.07%	0.09	0.87	0.34	0.01	0.07	0.04
T7 tractor	30 MPH	3.91%	6.84	64.83	25.03	0.45	4.20	2.38
T7 tractor construction	30 MPH	0.22%	0.38	3.62	1.40	0.02	0.23	0.13
T7 utility	30 MPH	0.01%	0.01	0.05	0.03	0.00	0.01	0.00
T7IS	30 MPH	0.07%	0.24	1.99	14.05	0.00	0.02	0.01
UBUS	30 MPH	0.76%	1.40	22.88	11.52	0.09	3.73	1.82

All Other Buses	35 MPH	0.06%	0.05	0.55	0.16	0.00	0.08	0.04
LDA	35 MPH	43.09%	3.07	19.56	225.99	1.14	15.69	6.57
LDT1	35 MPH	6.39%	0.55	3.31	39.18	0.20	2.33	0.97
LDT2	35 MPH	15.90%	1.39	8.85	97.49	0.57	5.79	2.42
LHD1	35 MPH	2.87%	0.66	8.65	6.69	0.18	1.53	0.69
LHD2	35 MPH	0.50%	0.16	1.94	1.40	0.03	0.35	0.16
MCY	35 MPH	0.67%	9.96	5.86	79.75	0.01	0.23	0.09
MDV	35 MPH	16.33%	1.98	12.22	131.94	0.75	5.94	2.48
MH	35 MPH	0.19%	0.04	1.21	0.31	0.01	0.11	0.05
Motor Coach	35 MPH	0.08%	0.12	1.15	0.50	0.01	0.12	0.06
OBUS	35 MPH	0.10%	0.01	0.13	0.19	0.01	0.03	0.01
PTO	35 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
SBUS	35 MPH	0.13%	0.15	2.85	0.77	0.01	0.58	0.26
T6 Ag	35 MPH	0.08%	0.06	0.72	0.22	0.01	0.11	0.05
T6 CAIRP heavy	35 MPH	0.00%	0.00	0.03	0.01	0.00	0.01	0.00
T6 CAIRP small	35 MPH	0.01%	0.01	0.10	0.03	0.00	0.02	0.01
T6 instate construction heavy	35 MPH	0.12%	0.10	1.15	0.35	0.01	0.17	0.09
T6 instate construction small	35 MPH	0.34%	0.24	2.73	0.88	0.03	0.46	0.23
T6 instate heavy	35 MPH	0.29%	0.23	2.71	0.83	0.03	0.40	0.20
T6 instate small	35 MPH	0.80%	0.57	6.38	2.05	0.07	1.07	0.54
T6 OOS heavy	35 MPH	0.00%	0.00	0.02	0.01	0.00	0.00	0.00
T6 OOS small	35 MPH	0.01%	0.01	0.06	0.02	0.00	0.01	0.01
T6 Public	35 MPH	0.03%	0.02	0.30	0.07	0.00	0.04	0.02
T6 utility	35 MPH	0.01%	0.00	0.04	0.02	0.00	0.01	0.01
T6TS	35 MPH	0.32%	0.03	0.38	0.54	0.02	0.11	0.04
T7 Ag	35 MPH	0.22%	0.36	3.43	1.46	0.03	0.26	0.15
T7 CAIRP	35 MPH	2.43%	4.11	40.64	16.83	0.31	2.94	1.67
T7 CAIRP construction	35 MPH	0.10%	0.17	1.67	0.69	0.01	0.12	0.07
T7 NNOOS	35 MPH	2.73%	4.02	36.67	16.42	0.35	3.10	1.69
T7 NOOS	35 MPH	0.88%	1.50	14.80	6.13	0.11	1.07	0.61
T7 other port	35 MPH	0.04%	0.08	0.86	0.33	0.01	0.05	0.03
T7 POAK	35 MPH	0.25%	0.50	5.36	2.05	0.03	0.33	0.20
T7 POLA	35 MPH	0.40%	0.82	8.79	3.36	0.05	0.53	0.32
T7 Public	35 MPH	0.03%	0.03	0.85	0.14	0.00	0.03	0.02
T7 Single	35 MPH	0.22%	0.30	2.55	1.22	0.03	0.24	0.13
T7 single construction	35 MPH	0.26%	0.34	2.95	1.41	0.03	0.28	0.15
T7 SWCV	35 MPH	0.06%	0.08	0.79	0.33	0.01	0.07	0.04
T7 tractor	35 MPH	3.45%	5.87	58.08	24.03	0.44	4.19	2.39
T7 tractor construction	35 MPH	0.19%	0.33	3.24	1.34	0.02	0.23	0.13
T7 utility	35 MPH	0.01%	0.01	0.05	0.03	0.00	0.01	0.00
T7IS	35 MPH	0.06%	0.19	2.01	11.67	0.00	0.02	0.01
UBUS	35 MPH	0.36%	0.62	11.90	5.20	0.05	1.97	0.94

All Other Buses	40 MPH	0.05%	0.10	1.32	0.43	0.01	0.21	0.11
LDA	40 MPH	46.21%	7.99	56.51	624.64	3.43	47.02	19.55
LDT1	40 MPH	6.85%	1.43	9.57	108.31	0.59	6.97	2.90
LDT2	40 MPH	17.05%	3.62	25.55	269.51	1.72	17.35	7.21
LHD1	40 MPH	0.88%	0.50	7.66	5.15	0.15	1.31	0.59
LHD2	40 MPH	0.18%	0.14	1.95	1.23	0.03	0.34	0.16
MCY	40 MPH	0.72%	29.98	17.97	249.93	0.04	0.71	0.28
MDV	40 MPH	17.52%	5.15	35.31	364.78	2.26	17.80	7.39
MH	40 MPH	0.18%	0.09	3.03	0.76	0.03	0.28	0.13
Motor Coach	40 MPH	0.06%	0.21	2.11	0.99	0.02	0.24	0.13
OBUS	40 MPH	0.09%	0.02	0.36	0.45	0.01	0.09	0.04
PTO	40 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
SBUS	40 MPH	0.07%	0.19	3.78	1.06	0.02	0.83	0.38
T6 Ag	40 MPH	0.07%	0.14	1.74	0.58	0.02	0.28	0.15
T6 CAIRP heavy	40 MPH	0.00%	0.01	0.07	0.03	0.00	0.01	0.01
T6 CAIRP small	40 MPH	0.01%	0.02	0.24	0.09	0.00	0.05	0.02
T6 instate construction heavy	40 MPH	0.12%	0.22	2.79	0.92	0.03	0.46	0.23
T6 instate construction small	40 MPH	0.32%	0.56	6.61	2.29	0.08	1.22	0.62
T6 instate heavy	40 MPH	0.27%	0.52	6.56	2.16	0.07	1.07	0.55
T6 instate small	40 MPH	0.75%	1.30	15.47	5.36	0.18	2.85	1.44
T6 OOS heavy	40 MPH	0.00%	0.00	0.04	0.01	0.00	0.01	0.00
T6 OOS small	40 MPH	0.01%	0.01	0.13	0.05	0.00	0.03	0.01
T6 Public	40 MPH	0.03%	0.04	0.74	0.18	0.01	0.11	0.05
T6 utility	40 MPH	0.01%	0.01	0.11	0.04	0.00	0.03	0.01
T6TS	40 MPH	0.30%	0.06	1.05	1.27	0.04	0.29	0.12
T7 Ag	40 MPH	0.15%	0.62	6.32	2.89	0.06	0.53	0.30
T7 CAIRP	40 MPH	1.73%	7.20	74.87	33.43	0.62	6.03	3.49
T7 CAIRP construction	40 MPH	0.07%	0.30	3.07	1.37	0.03	0.25	0.14
T7 NNOOS	40 MPH	1.94%	7.03	67.56	32.62	0.70	6.34	3.51
T7 NOOS	40 MPH	0.63%	2.62	27.26	12.18	0.23	2.20	1.27
T7 other port	40 MPH	0.03%	0.14	1.59	0.65	0.01	0.11	0.07
T7 POAK	40 MPH	0.17%	0.87	9.87	4.07	0.06	0.67	0.41
T7 POLA	40 MPH	0.29%	1.43	16.19	6.67	0.10	1.10	0.67
T7 Public	40 MPH	0.02%	0.06	1.65	0.28	0.01	0.07	0.03
T7 Single	40 MPH	0.16%	0.52	4.70	2.42	0.06	0.50	0.27
T7 single construction	40 MPH	0.18%	0.60	5.43	2.79	0.07	0.57	0.31
T7 SWCV	40 MPH	0.05%	0.14	1.46	0.66	0.02	0.14	0.07
T7 tractor	40 MPH	2.45%	10.28	106.99	47.73	0.88	8.59	4.98
T7 tractor construction	40 MPH	0.14%	0.57	5.98	2.66	0.05	0.48	0.28
T7 utility	40 MPH	0.00%	0.01	0.08	0.05	0.00	0.01	0.01
T7IS	40 MPH	0.04%	0.28	3.87	19.39	0.01	0.04	0.01
UBUS	40 MPH	0.20%	0.82	18.39	7.08	0.08	2.96	1.40

All Other Buses	45 MPH	0.04%	0.10	1.34	0.47	0.01	0.23	0.12
LDA	45 MPH	44.87%	9.59	71.82	760.60	4.49	61.39	25.43
LDT1	45 MPH	6.65%	1.71	12.17	131.91	0.77	9.10	3.77
LDT2	45 MPH	16.56%	4.35	32.48	328.18	2.25	22.65	9.38
LHD1	45 MPH	0.99%	0.68	11.96	7.25	0.23	1.95	0.87
LHD2	45 MPH	0.19%	0.18	2.98	1.68	0.04	0.50	0.23
MCY	45 MPH	0.70%	41.13	24.04	355.09	0.05	0.93	0.37
MDV	45 MPH	17.01%	6.17	44.95	444.22	2.96	23.25	9.62
MH	45 MPH	0.16%	0.09	3.45	0.87	0.04	0.33	0.15
Motor Coach	45 MPH	0.08%	0.35	3.66	1.85	0.04	0.46	0.26
OBUS	45 MPH	0.08%	0.02	0.44	0.52	0.02	0.11	0.04
PTO	45 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
SBUS	45 MPH	0.03%	0.10	2.26	0.66	0.01	0.53	0.24
T6 Ag	45 MPH	0.06%	0.13	1.76	0.63	0.02	0.31	0.16
T6 CAIRP heavy	45 MPH	0.00%	0.01	0.07	0.03	0.00	0.02	0.01
T6 CAIRP small	45 MPH	0.01%	0.02	0.24	0.09	0.00	0.05	0.03
T6 instate construction heavy	45 MPH	0.09%	0.21	2.83	1.01	0.03	0.50	0.26
T6 instate construction small	45 MPH	0.26%	0.53	6.69	2.51	0.08	1.34	0.69
T6 instate heavy	45 MPH	0.22%	0.50	6.65	2.36	0.07	1.18	0.62
T6 instate small	45 MPH	0.60%	1.24	15.67	5.87	0.20	3.14	1.61
T6 OOS heavy	45 MPH	0.00%	0.00	0.04	0.02	0.00	0.01	0.00
T6 OOS small	45 MPH	0.01%	0.01	0.14	0.05	0.00	0.03	0.02
T6 Public	45 MPH	0.02%	0.04	0.76	0.19	0.01	0.12	0.06
T6 utility	45 MPH	0.01%	0.01	0.11	0.05	0.00	0.03	0.02
T6TS	45 MPH	0.26%	0.06	1.30	1.46	0.05	0.35	0.14
T7 Ag	45 MPH	0.21%	1.02	10.95	5.42	0.10	1.02	0.60
T7 CAIRP	45 MPH	2.36%	11.73	129.69	62.56	1.14	11.60	6.87
T7 CAIRP construction	45 MPH	0.10%	0.48	5.32	2.57	0.05	0.48	0.28
T7 NNOOS	45 MPH	2.66%	11.46	117.02	61.04	1.29	12.13	6.88
T7 NOOS	45 MPH	0.86%	4.27	47.23	22.78	0.42	4.22	2.50
T7 other port	45 MPH	0.04%	0.23	2.75	1.22	0.02	0.21	0.13
T7 POAK	45 MPH	0.24%	1.43	17.10	7.61	0.12	1.30	0.81
T7 POLA	45 MPH	0.39%	2.34	28.04	12.48	0.19	2.13	1.33
T7 Public	45 MPH	0.03%	0.10	2.97	0.51	0.01	0.12	0.07
T7 Single	45 MPH	0.22%	0.85	8.14	4.53	0.11	0.95	0.52
T7 single construction	45 MPH	0.25%	0.98	9.40	5.23	0.12	1.09	0.60
T7 SWCV	45 MPH	0.06%	0.23	2.54	1.23	0.03	0.26	0.14
T7 tractor	45 MPH	3.36%	16.75	185.34	89.32	1.62	16.52	9.79
T7 tractor construction	45 MPH	0.19%	0.93	10.35	4.98	0.09	0.92	0.55
T7 utility	45 MPH	0.01%	0.02	0.14	0.09	0.00	0.02	0.01
T7IS	45 MPH	0.04%	0.34	5.64	25.69	0.01	0.05	0.02
UBUS	45 MPH	0.08%	0.42	11.16	3.84	0.04	1.69	0.79

All Other Buses	50 MPH	0.04%	0.06	0.85	0.32	0.01	0.15	0.08
LDA	50 MPH	43.63%	6.34	48.55	485.04	3.07	41.98	17.36
LDT1	50 MPH	6.47%	1.13	8.23	84.16	0.53	6.22	2.57
LDT2	50 MPH	16.10%	2.87	21.96	209.30	1.54	15.49	6.40
LHD1	50 MPH	4.45%	2.00	40.51	22.72	0.73	6.16	2.72
LHD2	50 MPH	0.74%	0.46	8.79	4.50	0.10	1.35	0.61
MCY	50 MPH	0.68%	30.99	16.95	277.35	0.03	0.63	0.25
MDV	50 MPH	16.54%	4.07	30.48	283.40	2.03	15.90	6.57
MH	50 MPH	0.13%	0.05	1.99	0.51	0.02	0.20	0.09
Motor Coach	50 MPH	0.07%	0.19	2.15	1.17	0.02	0.29	0.17
OBUS	50 MPH	0.07%	0.01	0.27	0.30	0.01	0.06	0.02
PTO	50 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
SBUS	50 MPH	0.01%	0.03	0.64	0.20	0.00	0.16	0.07
T6 Ag	50 MPH	0.05%	0.08	1.12	0.43	0.01	0.21	0.11
T6 CAIRP heavy	50 MPH	0.00%	0.00	0.05	0.02	0.00	0.01	0.01
T6 CAIRP small	50 MPH	0.01%	0.01	0.15	0.06	0.00	0.04	0.02
T6 instate construction heavy	50 MPH	0.09%	0.13	1.79	0.69	0.02	0.34	0.18
T6 instate construction small	50 MPH	0.24%	0.31	4.24	1.71	0.06	0.91	0.48
T6 instate heavy	50 MPH	0.21%	0.30	4.22	1.61	0.05	0.80	0.43
T6 instate small	50 MPH	0.56%	0.73	9.94	4.01	0.13	2.13	1.12
T6 OOS heavy	50 MPH	0.00%	0.00	0.03	0.01	0.00	0.01	0.00
T6 OOS small	50 MPH	0.01%	0.01	0.09	0.04	0.00	0.02	0.01
T6 Public	50 MPH	0.02%	0.02	0.49	0.13	0.01	0.08	0.04
T6 utility	50 MPH	0.01%	0.01	0.07	0.03	0.00	0.02	0.01
T6TS	50 MPH	0.22%	0.03	0.78	0.84	0.03	0.20	0.08
T7 Ag	50 MPH	0.18%	0.56	6.45	3.44	0.06	0.66	0.40
T7 CAIRP	50 MPH	2.07%	6.46	76.39	39.70	0.70	7.51	4.57
T7 CAIRP construction	50 MPH	0.08%	0.27	3.14	1.63	0.03	0.31	0.19
T7 NNOOS	50 MPH	2.32%	6.31	68.93	38.73	0.79	7.82	4.56
T7 NOOS	50 MPH	0.75%	2.35	27.82	14.46	0.26	2.74	1.66
T7 other port	50 MPH	0.03%	0.13	1.62	0.78	0.01	0.14	0.09
T7 POAK	50 MPH	0.21%	0.79	10.07	4.83	0.07	0.85	0.54
T7 POLA	50 MPH	0.34%	1.29	16.52	7.92	0.12	1.39	0.89
T7 Public	50 MPH	0.03%	0.05	1.81	0.32	0.01	0.08	0.04
T7 Single	50 MPH	0.19%	0.47	4.79	2.87	0.06	0.61	0.34
T7 single construction	50 MPH	0.22%	0.54	5.54	3.32	0.07	0.70	0.40
T7 SWCV	50 MPH	0.05%	0.13	1.51	0.78	0.02	0.17	0.09
T7 tractor	50 MPH	2.94%	9.22	109.17	56.68	1.00	10.70	6.52
T7 tractor construction	50 MPH	0.16%	0.51	6.10	3.16	0.06	0.60	0.36
T7 utility	50 MPH	0.00%	0.01	0.09	0.06	0.00	0.01	0.01
T7IS	50 MPH	0.03%	0.19	3.61	15.98	0.00	0.03	0.01
UBUS	50 MPH	0.04%	0.12	3.69	1.15	0.01	0.51	0.24

All Other Buses	55 MPH	0.07%	0.05	0.75	0.30	0.01	0.14	0.08
LDA	55 MPH	41.37%	2.96	22.34	207.76	1.41	19.25	7.97
LDT1	55 MPH	6.13%	0.53	3.80	36.08	0.24	2.85	1.18
LDT2	55 MPH	15.27%	1.34	10.11	89.67	0.71	7.10	2.94
LHD1	55 MPH	2.32%	0.47	11.38	5.85	0.18	1.54	0.68
LHD2	55 MPH	0.46%	0.13	2.95	1.37	0.03	0.40	0.18
MCY	55 MPH	0.64%	16.42	8.06	153.23	0.01	0.29	0.12
MDV	55 MPH	15.68%	1.90	14.09	121.48	0.93	7.29	3.01
MH	55 MPH	0.23%	0.04	1.63	0.44	0.02	0.17	0.08
Motor Coach	55 MPH	0.10%	0.13	1.58	0.92	0.02	0.23	0.14
OBUS	55 MPH	0.11%	0.01	0.22	0.25	0.01	0.05	0.02
PTO	55 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
SBUS	55 MPH	0.03%	0.02	0.58	0.19	0.00	0.15	0.07
T6 Ag	55 MPH	0.10%	0.06	0.99	0.41	0.01	0.20	0.11
T6 CAIRP heavy	55 MPH	0.01%	0.00	0.04	0.02	0.00	0.01	0.01
T6 CAIRP small	55 MPH	0.02%	0.01	0.13	0.06	0.00	0.03	0.02
T6 instate construction heavy	55 MPH	0.16%	0.10	1.58	0.65	0.02	0.32	0.17
T6 instate construction small	55 MPH	0.45%	0.26	3.75	1.62	0.05	0.85	0.45
T6 instate heavy	55 MPH	0.38%	0.24	3.72	1.53	0.04	0.75	0.41
T6 instate small	55 MPH	1.05%	0.60	8.77	3.78	0.12	1.98	1.06
T6 OOS heavy	55 MPH	0.00%	0.00	0.02	0.01	0.00	0.01	0.00
T6 OOS small	55 MPH	0.01%	0.01	0.08	0.03	0.00	0.02	0.01
T6 Public	55 MPH	0.04%	0.02	0.43	0.12	0.00	0.08	0.04
T6 utility	55 MPH	0.01%	0.00	0.06	0.03	0.00	0.02	0.01
T6TS	55 MPH	0.36%	0.02	0.66	0.72	0.02	0.16	0.06
T7 Ag	55 MPH	0.29%	0.38	4.74	2.70	0.05	0.52	0.32
T7 CAIRP	55 MPH	3.20%	4.42	56.13	31.20	0.53	5.98	3.75
T7 CAIRP construction	55 MPH	0.13%	0.18	2.30	1.28	0.02	0.25	0.15
T7 NNOOS	55 MPH	3.60%	4.32	50.65	30.44	0.59	6.19	3.72
T7 NOOS	55 MPH	1.17%	1.61	20.44	11.36	0.19	2.18	1.37
T7 other port	55 MPH	0.05%	0.09	1.19	0.61	0.01	0.11	0.07
T7 POAK	55 MPH	0.32%	0.54	7.40	3.80	0.05	0.68	0.45
T7 POLA	55 MPH	0.53%	0.88	12.14	6.23	0.09	1.11	0.73
T7 Public	55 MPH	0.04%	0.04	1.36	0.25	0.01	0.06	0.03
T7 Single	55 MPH	0.29%	0.32	3.52	2.26	0.05	0.48	0.28
T7 single construction	55 MPH	0.34%	0.37	4.07	2.61	0.06	0.55	0.32
T7 SWCV	55 MPH	0.08%	0.09	1.11	0.61	0.01	0.13	0.08
T7 tractor	55 MPH	4.55%	6.32	80.22	44.55	0.75	8.52	5.35
T7 tractor construction	55 MPH	0.25%	0.35	4.48	2.49	0.04	0.48	0.30
T7 utility	55 MPH	0.01%	0.01	0.06	0.05	0.00	0.01	0.01
T7IS	55 MPH	0.06%	0.16	3.35	15.35	0.00	0.03	0.01
UBUS	55 MPH	0.06%	0.09	3.24	0.93	0.01	0.38	0.18

All Other Buses	60 MPH	0.09%	0.06	1.07	0.46	0.01	0.21	0.12
LDA	60 MPH	47.91%	4.29	30.75	262.06	1.90	26.04	10.81
LDT1	60 MPH	7.10%	0.76	5.24	45.57	0.33	3.86	1.60
LDT2	60 MPH	17.68%	1.94	13.94	113.15	0.95	9.60	3.99
LHD1	60 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
LHD2	60 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
MCY	60 MPH	0.74%	26.92	11.39	264.13	0.02	0.39	0.16
MDV	60 MPH	18.16%	2.73	19.51	153.40	1.25	9.86	4.09
MH	60 MPH	0.27%	0.05	2.28	0.67	0.02	0.23	0.11
Motor Coach	60 MPH	0.03%	0.04	0.57	0.35	0.01	0.09	0.05
OBUS	60 MPH	0.13%	0.01	0.32	0.39	0.01	0.07	0.03
PTO	60 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
SBUS	60 MPH	0.01%	0.01	0.39	0.14	0.00	0.10	0.05
T6 Ag	60 MPH	0.12%	0.09	1.41	0.62	0.02	0.29	0.16
T6 CAIRP heavy	60 MPH	0.01%	0.00	0.06	0.03	0.00	0.01	0.01
T6 CAIRP small	60 MPH	0.02%	0.01	0.19	0.09	0.00	0.05	0.03
T6 instate construction heavy	60 MPH	0.20%	0.14	2.26	0.98	0.03	0.47	0.26
T6 instate construction small	60 MPH	0.55%	0.35	5.36	2.45	0.07	1.25	0.69
T6 instate heavy	60 MPH	0.47%	0.33	5.33	2.31	0.06	1.11	0.62
T6 instate small	60 MPH	1.28%	0.81	12.56	5.73	0.17	2.92	1.60
T6 OOS heavy	60 MPH	0.00%	0.00	0.03	0.02	0.00	0.01	0.00
T6 OOS small	60 MPH	0.01%	0.01	0.11	0.05	0.00	0.03	0.02
T6 Public	60 MPH	0.05%	0.03	0.62	0.19	0.01	0.11	0.06
T6 utility	60 MPH	0.01%	0.01	0.09	0.05	0.00	0.03	0.01
T6TS	60 MPH	0.42%	0.03	0.93	1.10	0.03	0.22	0.09
T7 Ag	60 MPH	0.09%	0.13	1.72	1.04	0.02	0.20	0.13
T7 CAIRP	60 MPH	0.99%	1.50	20.37	11.98	0.19	2.31	1.50
T7 CAIRP construction	60 MPH	0.04%	0.06	0.84	0.49	0.01	0.09	0.06
T7 NNOOS	60 MPH	1.12%	1.47	18.38	11.69	0.21	2.38	1.47
T7 NOOS	60 MPH	0.36%	0.55	7.42	4.36	0.07	0.84	0.54
T7 other port	60 MPH	0.02%	0.03	0.43	0.23	0.00	0.04	0.03
T7 POAK	60 MPH	0.10%	0.18	2.69	1.46	0.02	0.27	0.18
T7 POLA	60 MPH	0.16%	0.30	4.40	2.39	0.03	0.43	0.29
T7 Public	60 MPH	0.01%	0.01	0.50	0.10	0.00	0.02	0.01
T7 Single	60 MPH	0.09%	0.11	1.28	0.87	0.02	0.18	0.11
T7 single construction	60 MPH	0.11%	0.13	1.48	1.00	0.02	0.21	0.13
T7 SWCV	60 MPH	0.03%	0.03	0.40	0.23	0.01	0.05	0.03
T7 tractor	60 MPH	1.41%	2.14	29.11	17.10	0.27	3.30	2.13
T7 tractor construction	60 MPH	0.08%	0.12	1.63	0.95	0.02	0.18	0.12
T7 utility	60 MPH	0.00%	0.00	0.02	0.02	0.00	0.00	0.00
T7IS	60 MPH	0.02%	0.04	1.02	5.02	0.00	0.01	0.00
UBUS	60 MPH	0.09%	0.17	7.56	2.01	0.02	0.75	0.35

All Other Buses	65 MPH	0.01%	0.02	0.29	0.13	0.00	0.06	0.03
LDA	65 MPH	50.70%	8.67	57.02	438.66	3.39	46.70	19.50
LDT1	65 MPH	7.51%	1.53	9.75	76.42	0.58	6.92	2.89
LDT2	65 MPH	18.71%	3.91	25.89	189.49	1.70	17.23	7.19
LHD1	65 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
LHD2	65 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
MCY	65 MPH	0.79%	61.35	21.46	641.16	0.04	0.70	0.28
MDV	65 MPH	19.21%	5.50	36.48	257.15	2.24	17.68	7.37
MH	65 MPH	0.04%	0.01	0.61	0.20	0.01	0.06	0.03
Motor Coach	65 MPH	0.02%	0.04	0.54	0.35	0.01	0.08	0.05
OBUS	65 MPH	0.02%	0.00	0.08	0.12	0.00	0.02	0.01
PTO	65 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
SBUS	65 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T6 Ag	65 MPH	0.02%	0.02	0.38	0.17	0.00	0.08	0.05
T6 CAIRP heavy	65 MPH	0.00%	0.00	0.02	0.01	0.00	0.00	0.00
T6 CAIRP small	65 MPH	0.00%	0.00	0.05	0.03	0.00	0.01	0.01
T6 instate construction heavy	65 MPH	0.03%	0.04	0.61	0.28	0.01	0.13	0.07
T6 instate construction small	65 MPH	0.08%	0.09	1.45	0.69	0.02	0.34	0.19
T6 instate heavy	65 MPH	0.07%	0.08	1.44	0.65	0.02	0.30	0.18
T6 instate small	65 MPH	0.20%	0.21	3.39	1.62	0.04	0.80	0.45
T6 OOS heavy	65 MPH	0.00%	0.00	0.01	0.00	0.00	0.00	0.00
T6 OOS small	65 MPH	0.00%	0.00	0.03	0.01	0.00	0.01	0.00
T6 Public	65 MPH	0.01%	0.01	0.17	0.05	0.00	0.03	0.02
T6 utility	65 MPH	0.00%	0.00	0.02	0.01	0.00	0.01	0.00
T6TS	65 MPH	0.06%	0.01	0.25	0.34	0.01	0.06	0.02
T7 Ag	65 MPH	0.05%	0.12	1.62	1.02	0.02	0.20	0.13
T7 CAIRP	65 MPH	0.54%	1.33	19.15	11.76	0.17	2.27	1.51
T7 CAIRP construction	65 MPH	0.02%	0.05	0.79	0.48	0.01	0.09	0.06
T7 NNOOS	65 MPH	0.60%	1.30	17.28	11.47	0.19	2.32	1.49
T7 NOOS	65 MPH	0.20%	0.48	6.98	4.28	0.06	0.83	0.55
T7 other port	65 MPH	0.01%	0.03	0.41	0.23	0.00	0.04	0.03
T7 POAK	65 MPH	0.05%	0.16	2.53	1.43	0.02	0.26	0.18
T7 POLA	65 MPH	0.09%	0.27	4.14	2.35	0.03	0.43	0.30
T7 Public	65 MPH	0.01%	0.01	0.47	0.09	0.00	0.02	0.01
T7 Single	65 MPH	0.05%	0.10	1.20	0.85	0.02	0.18	0.11
T7 single construction	65 MPH	0.06%	0.11	1.39	0.98	0.02	0.21	0.13
T7 SWCV	65 MPH	0.01%	0.03	0.38	0.23	0.00	0.05	0.03
T7 tractor	65 MPH	0.76%	1.90	27.37	16.79	0.25	3.24	2.16
T7 tractor construction	65 MPH	0.04%	0.11	1.53	0.94	0.01	0.18	0.12
T7 utility	65 MPH	0.00%	0.00	0.02	0.02	0.00	0.00	0.00
T7IS	65 MPH	0.01%	0.04	0.94	5.30	0.00	0.01	0.00
UBUS	65 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00

All Other Buses	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
LDA	70 MPH	52.31%	0.00	0.01	0.04	0.00	0.00	0.00
LDT1	70 MPH	7.75%	0.00	0.00	0.01	0.00	0.00	0.00
LDT2	70 MPH	19.30%	0.00	0.00	0.02	0.00	0.00	0.00
LHD1	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
LHD2	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
MCY	70 MPH	0.81%	0.01	0.00	0.08	0.00	0.00	0.00
MDV	70 MPH	19.82%	0.00	0.00	0.02	0.00	0.00	0.00
MH	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
Motor Coach	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
OBUS	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
PTO	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
SBUS	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T6 Ag	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T6 CAIRP heavy	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T6 CAIRP small	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T6 instate construction heavy	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T6 instate construction small	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T6 instate heavy	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T6 instate small	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T6 OOS heavy	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T6 OOS small	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T6 Public	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T6 utility	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T6TS	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T7 Ag	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T7 CAIRP	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T7 CAIRP construction	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T7 NNOOS	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T7 NOOS	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T7 other port	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T7 POAK	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T7 POLA	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T7 Public	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T7 Single	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T7 single construction	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T7 SWCV	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T7 tractor	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T7 tractor construction	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T7 utility	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T7IS	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
UBUS	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL			**732.94**	**4,514.25**	**11,655.46**	**80.63**	**905.06**	**427.51**

Based on the emission factors for Fresno County - San Joaquin Valley Air Basin

Baseline in P-2035 Criteria Air Pollutants

Based on EMFAC2011

EMFAC2011-PL Speed Bins

	VMT Speed Bins (MPH)	Daily VMT	% of Total	Adjusted Daily VMT[1]	Adjusted Annual VMT[2]
5	0 - 5	45	0.00%	49	17,146
10	5 - 10	94	0.01%	103	35,817
15	10 - 15	99,293	5.74%	109,030	37,833,377
20	15 - 20	1,049	0.06%	1,152	399,698
25	20 - 25	6,076	0.35%	6,672	2,315,124
30	25 - 30	55,681	3.22%	61,141	21,216,000
35	30 - 35	31,035	1.79%	34,078	11,825,193
40	35 - 40	259,449	14.99%	284,891	98,857,239
45	40 - 45	401,014	23.17%	440,338	152,797,417
50	45 - 50	327,236	18.91%	359,326	124,685,960
55	50 - 55	90,535	5.23%	99,413	34,496,337
60	55 - 60	137,557	7.95%	151,046	52,413,019
65	60 - 65	321,351	18.57%	352,863	122,443,612
70	65 - 70	15	0.00%	16	5,715
	70 - 75	0	0.00%	0	0
	>75	0	0.00%	0	0
	Total	1,730,430		1,900,120	659,341,654
	SP	131,345		144,225	
	VMT/SP	13.17			

1. VMT is adjusted based on per capita VMT in the Traffic Study provided by Fehr and Peers (i.e., VMT/population and employment (service population)).

2. Adjusted Daily vehicles miles traveled (VMT) multiplied by 347 days/year to account for reduced traffic on weekends and holidays. This assumption is consistent with the California Air Resources Board's (CARB) methodology within the Climate Change Scoping Plan Measure Documentation Supplement.

Emission year

Baseline in P-2035					lbs/day			
Vehicle Type	**Speed**	**Percent of VMT of SpeedBin**	**ROG**	**NOx**	**CO**	**SOx**	**PM10**	**PM2.5**
All Other Buses	05 MPH	0.25%	0.00	0.00	0.00	0.00	0.00	0.00
LDA	05 MPH	1.05%	0.00	0.00	0.00	0.00	0.00	0.00
LDT1	05 MPH	0.16%	0.00	0.00	0.00	0.00	0.00	0.00
LDT2	05 MPH	0.39%	0.00	0.00	0.00	0.00	0.00	0.00
LHD1	05 MPH	59.98%	0.01	0.04	0.09	0.00	0.01	0.00
LHD2	05 MPH	8.69%	0.00	0.01	0.02	0.00	0.00	0.00
MCY	05 MPH	0.02%	0.00	0.00	0.00	0.00	0.00	0.00
MDV	05 MPH	0.40%	0.00	0.00	0.00	0.00	0.00	0.00
MH	05 MPH	0.90%	0.00	0.00	0.00	0.00	0.00	0.00
Motor Coach	05 MPH	0.12%	0.00	0.00	0.00	0.00	0.00	0.00
OBUS	05 MPH	0.46%	0.00	0.00	0.00	0.00	0.00	0.00
PTO	05 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
SBUS	05 MPH	0.35%	0.00	0.00	0.00	0.00	0.00	0.00
T6 Ag	05 MPH	0.35%	0.00	0.00	0.00	0.00	0.00	0.00
T6 CAIRP heavy	05 MPH	0.02%	0.00	0.00	0.00	0.00	0.00	0.00
T6 CAIRP small	05 MPH	0.06%	0.00	0.00	0.00	0.00	0.00	0.00
T6 instate construction heavy	05 MPH	0.57%	0.00	0.00	0.00	0.00	0.00	0.00
T6 instate construction smal	05 MPH	1.56%	0.00	0.01	0.00	0.00	0.00	0.00
T6 instate heavy	05 MPH	1.34%	0.00	0.01	0.00	0.00	0.00	0.00
T6 instate small	05 MPH	3.65%	0.00	0.01	0.01	0.00	0.00	0.00
T6 OOS heavy	05 MPH	0.01%	0.00	0.00	0.00	0.00	0.00	0.00
T6 OOS small	05 MPH	0.04%	0.00	0.00	0.00	0.00	0.00	0.00
T6 Public	05 MPH	0.15%	0.00	0.00	0.00	0.00	0.00	0.00
T6 utility	05 MPH	0.04%	0.00	0.00	0.00	0.00	0.00	0.00
T6TS	05 MPH	1.47%	0.00	0.00	0.00	0.00	0.00	0.00
T7 Ag	05 MPH	0.33%	0.00	0.00	0.00	0.00	0.00	0.00
T7 CAIRP	05 MPH	3.64%	0.01	0.03	0.02	0.00	0.00	0.00
T7 CAIRP construction	05 MPH	0.15%	0.00	0.00	0.00	0.00	0.00	0.00
T7 NNOOS	05 MPH	4.10%	0.01	0.02	0.02	0.00	0.00	0.00
T7 NOOS	05 MPH	1.33%	0.00	0.01	0.01	0.00	0.00	0.00
T7 other port	05 MPH	0.06%	0.00	0.00	0.00	0.00	0.00	0.00
T7 POAK	05 MPH	0.37%	0.00	0.00	0.00	0.00	0.00	0.00
T7 POLA	05 MPH	0.60%	0.00	0.01	0.00	0.00	0.00	0.00
T7 Public	05 MPH	0.05%	0.00	0.00	0.00	0.00	0.00	0.00
T7 Single	05 MPH	0.34%	0.00	0.00	0.00	0.00	0.00	0.00
T7 single construction	05 MPH	0.39%	0.00	0.00	0.00	0.00	0.00	0.00
T7 SWCV	05 MPH	0.10%	0.00	0.00	0.00	0.00	0.00	0.00
T7 tractor	05 MPH	5.18%	0.01	0.04	0.03	0.00	0.00	0.00
T7 tractor construction	05 MPH	0.29%	0.00	0.00	0.00	0.00	0.00	0.00
T7 utility	05 MPH	0.01%	0.00	0.00	0.00	0.00	0.00	0.00
T7IS	05 MPH	0.07%	0.00	0.00	0.01	0.00	0.00	0.00
UBUS	05 MPH	1.00%	0.00	0.01	0.01	0.00	0.00	0.00

All Other Buses	10 MPH	0.30%	0.00	0.00	0.00	0.00	0.00	0.00
LDA	10 MPH	12.82%	0.00	0.00	0.03	0.00	0.00	0.00
LDT1	10 MPH	1.90%	0.00	0.00	0.01	0.00	0.00	0.00
LDT2	10 MPH	4.73%	0.00	0.00	0.01	0.00	0.00	0.00
LHD1	10 MPH	39.87%	0.01	0.05	0.10	0.00	0.01	0.00
LHD2	10 MPH	6.11%	0.00	0.01	0.02	0.00	0.00	0.00
MCY	10 MPH	0.20%	0.00	0.00	0.01	0.00	0.00	0.00
MDV	10 MPH	4.86%	0.00	0.00	0.02	0.00	0.00	0.00
MH	10 MPH	1.08%	0.00	0.00	0.00	0.00	0.00	0.00
Motor Coach	10 MPH	0.11%	0.00	0.00	0.00	0.00	0.00	0.00
OBUS	10 MPH	0.54%	0.00	0.00	0.00	0.00	0.00	0.00
PTO	10 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
SBUS	10 MPH	0.29%	0.00	0.00	0.00	0.00	0.00	0.00
T6 Ag	10 MPH	0.41%	0.00	0.00	0.00	0.00	0.00	0.00
T6 CAIRP heavy	10 MPH	0.02%	0.00	0.00	0.00	0.00	0.00	0.00
T6 CAIRP small	10 MPH	0.07%	0.00	0.00	0.00	0.00	0.00	0.00
T6 instate construction heavy	10 MPH	0.67%	0.00	0.00	0.00	0.00	0.00	0.00
T6 instate construction small	10 MPH	1.84%	0.00	0.01	0.00	0.00	0.00	0.00
T6 instate heavy	10 MPH	1.58%	0.00	0.01	0.00	0.00	0.00	0.00
T6 instate small	10 MPH	4.30%	0.01	0.02	0.01	0.00	0.00	0.00
T6 OOS heavy	10 MPH	0.01%	0.00	0.00	0.00	0.00	0.00	0.00
T6 OOS small	10 MPH	0.04%	0.00	0.00	0.00	0.00	0.00	0.00
T6 Public	10 MPH	0.17%	0.00	0.00	0.00	0.00	0.00	0.00
T6 utility	10 MPH	0.05%	0.00	0.00	0.00	0.00	0.00	0.00
T6TS	10 MPH	1.76%	0.00	0.00	0.00	0.00	0.00	0.00
T7 Ag	10 MPH	0.29%	0.00	0.00	0.00	0.00	0.00	0.00
T7 CAIRP	10 MPH	3.30%	0.01	0.04	0.02	0.00	0.00	0.00
T7 CAIRP construction	10 MPH	0.14%	0.00	0.00	0.00	0.00	0.00	0.00
T7 NNOOS	10 MPH	3.71%	0.01	0.03	0.02	0.00	0.00	0.00
T7 NOOS	10 MPH	1.20%	0.00	0.01	0.01	0.00	0.00	0.00
T7 other port	10 MPH	0.05%	0.00	0.00	0.00	0.00	0.00	0.00
T7 POAK	10 MPH	0.33%	0.00	0.01	0.00	0.00	0.00	0.00
T7 POLA	10 MPH	0.55%	0.00	0.01	0.00	0.00	0.00	0.00
T7 Public	10 MPH	0.04%	0.00	0.00	0.00	0.00	0.00	0.00
T7 Single	10 MPH	0.30%	0.00	0.00	0.00	0.00	0.00	0.00
T7 single construction	10 MPH	0.35%	0.00	0.00	0.00	0.00	0.00	0.00
T7 SWCV	10 MPH	0.09%	0.00	0.00	0.00	0.00	0.00	0.00
T7 tractor	10 MPH	4.69%	0.02	0.06	0.03	0.00	0.00	0.00
T7 tractor construction	10 MPH	0.26%	0.00	0.00	0.00	0.00	0.00	0.00
T7 utility	10 MPH	0.01%	0.00	0.00	0.00	0.00	0.00	0.00
T7IS	10 MPH	0.08%	0.00	0.00	0.02	0.00	0.00	0.00
UBUS	10 MPH	0.85%	0.00	0.02	0.01	0.00	0.00	0.00

All Other Buses	15 MPH	0.26%	0.23	1.42	0.49	0.01	0.11	0.06
LDA	15 MPH	4.91%	0.33	0.96	11.20	0.04	0.60	0.27
LDT1	15 MPH	0.73%	0.06	0.16	1.95	0.01	0.09	0.04
LDT2	15 MPH	1.81%	0.15	0.44	4.84	0.02	0.22	0.10
LHD1	15 MPH	57.35%	9.14	67.00	107.24	1.09	10.43	5.20
LHD2	15 MPH	8.68%	1.76	13.87	19.43	0.14	2.11	1.08
MCY	15 MPH	0.08%	0.58	0.21	3.49	0.00	0.01	0.00
MDV	15 MPH	1.86%	0.21	0.61	6.56	0.03	0.23	0.10
MH	15 MPH	0.88%	0.20	2.71	1.07	0.02	0.16	0.08
Motor Coach	15 MPH	0.08%	0.14	0.68	0.34	0.00	0.04	0.02
OBUS	15 MPH	0.44%	0.05	0.15	0.70	0.01	0.05	0.02
PTO	15 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
SBUS	15 MPH	0.37%	0.45	4.26	1.51	0.01	0.50	0.23
T6 Ag	15 MPH	0.36%	0.31	1.86	0.66	0.01	0.16	0.08
T6 CAIRP heavy	15 MPH	0.02%	0.01	0.08	0.03	0.00	0.01	0.00
T6 CAIRP small	15 MPH	0.06%	0.05	0.25	0.10	0.00	0.03	0.01
T6 instate construction heavy	15 MPH	0.58%	0.49	2.98	1.06	0.02	0.25	0.13
T6 instate construction small	15 MPH	1.59%	1.22	7.07	2.64	0.04	0.67	0.34
T6 instate heavy	15 MPH	1.37%	1.15	7.02	2.49	0.04	0.59	0.31
T6 instate small	15 MPH	3.73%	2.85	16.55	6.18	0.10	1.58	0.81
T6 OOS heavy	15 MPH	0.01%	0.01	0.05	0.02	0.00	0.00	0.00
T6 OOS small	15 MPH	0.04%	0.03	0.14	0.06	0.00	0.02	0.01
T6 Public	15 MPH	0.15%	0.10	0.74	0.21	0.00	0.06	0.03
T6 utility	15 MPH	0.04%	0.02	0.11	0.05	0.00	0.02	0.01
T6TS	15 MPH	1.42%	0.13	0.44	1.97	0.02	0.16	0.06
T7 Ag	15 MPH	0.23%	0.41	2.03	1.00	0.01	0.09	0.05
T7 CAIRP	15 MPH	2.59%	4.74	24.04	11.57	0.10	1.02	0.60
T7 CAIRP construction	15 MPH	0.11%	0.19	0.99	0.47	0.00	0.04	0.02
T7 NNOOS	15 MPH	2.91%	4.62	21.70	11.29	0.11	1.06	0.60
T7 NOOS	15 MPH	0.94%	1.72	8.76	4.21	0.04	0.37	0.22
T7 other port	15 MPH	0.04%	0.09	0.51	0.23	0.00	0.02	0.01
T7 POAK	15 MPH	0.26%	0.58	3.17	1.41	0.01	0.11	0.07
T7 POLA	15 MPH	0.43%	0.94	5.20	2.31	0.02	0.19	0.11
T7 Public	15 MPH	0.03%	0.04	0.44	0.10	0.00	0.01	0.01
T7 Single	15 MPH	0.24%	0.34	1.51	0.84	0.01	0.08	0.05
T7 single construction	15 MPH	0.27%	0.40	1.74	0.97	0.01	0.10	0.05
T7 SWCV	15 MPH	0.07%	0.09	0.46	0.23	0.00	0.02	0.01
T7 tractor	15 MPH	3.68%	6.76	34.36	16.52	0.14	1.45	0.85
T7 tractor construction	15 MPH	0.21%	0.38	1.92	0.92	0.01	0.08	0.05
T7 utility	15 MPH	0.01%	0.01	0.03	0.02	0.00	0.00	0.00
T7IS	15 MPH	0.06%	0.19	0.53	9.57	0.00	0.01	0.00
UBUS	15 MPH	1.10%	1.54	16.38	13.52	0.05	2.08	1.12

All Other Buses	20 MPH	0.06%	0.00	0.00	0.00	0.00	0.00	0.00
LDA	20 MPH	39.28%	0.02	0.07	0.86	0.00	0.05	0.02
LDT1	20 MPH	5.82%	0.00	0.01	0.15	0.00	0.01	0.00
LDT2	20 MPH	14.49%	0.01	0.03	0.37	0.00	0.02	0.01
LHD1	20 MPH	13.71%	0.02	0.15	0.20	0.00	0.03	0.01
LHD2	20 MPH	2.05%	0.00	0.03	0.04	0.00	0.01	0.00
MCY	20 MPH	0.61%	0.04	0.02	0.26	0.00	0.00	0.00
MDV	20 MPH	14.89%	0.01	0.05	0.50	0.00	0.02	0.01
MH	20 MPH	0.19%	0.00	0.01	0.00	0.00	0.00	0.00
Motor Coach	20 MPH	0.04%	0.00	0.00	0.00	0.00	0.00	0.00
OBUS	20 MPH	0.10%	0.00	0.00	0.00	0.00	0.00	0.00
PTO	20 MPH	0.71%	0.00	0.04	0.01	0.00	0.00	0.00
SBUS	20 MPH	0.11%	0.00	0.01	0.00	0.00	0.00	0.00
T6 Ag	20 MPH	0.08%	0.00	0.00	0.00	0.00	0.00	0.00
T6 CAIRP heavy	20 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T6 CAIRP small	20 MPH	0.01%	0.00	0.00	0.00	0.00	0.00	0.00
T6 instate construction heavy	20 MPH	0.13%	0.00	0.01	0.00	0.00	0.00	0.00
T6 instate construction small	20 MPH	0.36%	0.00	0.01	0.00	0.00	0.00	0.00
T6 instate heavy	20 MPH	0.31%	0.00	0.01	0.00	0.00	0.00	0.00
T6 instate small	20 MPH	0.83%	0.00	0.03	0.01	0.00	0.00	0.00
T6 OOS heavy	20 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T6 OOS small	20 MPH	0.01%	0.00	0.00	0.00	0.00	0.00	0.00
T6 Public	20 MPH	0.03%	0.00	0.00	0.00	0.00	0.00	0.00
T6 utility	20 MPH	0.01%	0.00	0.00	0.00	0.00	0.00	0.00
T6TS	20 MPH	0.31%	0.00	0.00	0.00	0.00	0.00	0.00
T7 Ag	20 MPH	0.11%	0.00	0.01	0.00	0.00	0.00	0.00
T7 CAIRP	20 MPH	1.19%	0.01	0.09	0.03	0.00	0.00	0.00
T7 CAIRP construction	20 MPH	0.05%	0.00	0.00	0.00	0.00	0.00	0.00
T7 NNOOS	20 MPH	1.34%	0.01	0.08	0.03	0.00	0.00	0.00
T7 NOOS	20 MPH	0.43%	0.00	0.03	0.01	0.00	0.00	0.00
T7 other port	20 MPH	0.02%	0.00	0.00	0.00	0.00	0.00	0.00
T7 POAK	20 MPH	0.12%	0.00	0.01	0.00	0.00	0.00	0.00
T7 POLA	20 MPH	0.20%	0.00	0.02	0.01	0.00	0.00	0.00
T7 Public	20 MPH	0.02%	0.00	0.00	0.00	0.00	0.00	0.00
T7 Single	20 MPH	0.11%	0.00	0.01	0.00	0.00	0.00	0.00
T7 single construction	20 MPH	0.13%	0.00	0.01	0.00	0.00	0.00	0.00
T7 SWCV	20 MPH	0.03%	0.00	0.00	0.00	0.00	0.00	0.00
T7 tractor	20 MPH	1.70%	0.01	0.13	0.04	0.00	0.01	0.00
T7 tractor construction	20 MPH	0.09%	0.00	0.01	0.00	0.00	0.00	0.00
T7 utility	20 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T7IS	20 MPH	0.02%	0.00	0.00	0.03	0.00	0.00	0.00
UBUS	20 MPH	0.30%	0.00	0.04	0.03	0.00	0.01	0.00

All Other Buses	25 MPH	0.15%	0.00	0.03	0.01	0.00	0.00	0.00
LDA	25 MPH	23.36%	0.05	0.23	2.74	0.01	0.16	0.07
LDT1	25 MPH	3.46%	0.01	0.04	0.48	0.00	0.02	0.01
LDT2	25 MPH	8.62%	0.02	0.10	1.18	0.01	0.06	0.03
LHD1	25 MPH	28.80%	0.18	1.72	1.85	0.03	0.30	0.14
LHD2	25 MPH	4.65%	0.04	0.37	0.36	0.00	0.06	0.03
MCY	25 MPH	0.36%	0.12	0.06	0.85	0.00	0.00	0.00
MDV	25 MPH	8.85%	0.03	0.14	1.60	0.01	0.06	0.03
MH	25 MPH	0.52%	0.00	0.07	0.02	0.00	0.01	0.00
Motor Coach	25 MPH	0.10%	0.00	0.03	0.01	0.00	0.00	0.00
OBUS	25 MPH	0.26%	0.00	0.01	0.01	0.00	0.00	0.00
PTO	25 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
SBUS	25 MPH	0.41%	0.01	0.20	0.05	0.00	0.03	0.01
T6 Ag	25 MPH	0.20%	0.00	0.04	0.01	0.00	0.01	0.00
T6 CAIRP heavy	25 MPH	0.01%	0.00	0.00	0.00	0.00	0.00	0.00
T6 CAIRP small	25 MPH	0.04%	0.00	0.01	0.00	0.00	0.00	0.00
T6 instate construction heavy	25 MPH	0.33%	0.01	0.07	0.02	0.00	0.01	0.00
T6 instate construction small	25 MPH	0.90%	0.02	0.17	0.05	0.00	0.02	0.01
T6 instate heavy	25 MPH	0.77%	0.01	0.16	0.04	0.00	0.02	0.01
T6 instate small	25 MPH	2.11%	0.04	0.39	0.11	0.00	0.05	0.03
T6 OOS heavy	25 MPH	0.01%	0.00	0.00	0.00	0.00	0.00	0.00
T6 OOS small	25 MPH	0.02%	0.00	0.00	0.00	0.00	0.00	0.00
T6 Public	25 MPH	0.09%	0.00	0.02	0.00	0.00	0.00	0.00
T6 utility	25 MPH	0.02%	0.00	0.00	0.00	0.00	0.00	0.00
T6TS	25 MPH	0.84%	0.00	0.02	0.04	0.00	0.01	0.00
T7 Ag	25 MPH	0.27%	0.01	0.10	0.04	0.00	0.01	0.00
T7 CAIRP	25 MPH	3.00%	0.13	1.15	0.42	0.01	0.07	0.04
T7 CAIRP construction	25 MPH	0.12%	0.01	0.05	0.02	0.00	0.00	0.00
T7 NNOOS	25 MPH	3.38%	0.12	1.04	0.41	0.01	0.07	0.04
T7 NOOS	25 MPH	1.09%	0.05	0.42	0.15	0.00	0.02	0.01
T7 other port	25 MPH	0.05%	0.00	0.02	0.01	0.00	0.00	0.00
T7 POAK	25 MPH	0.30%	0.02	0.15	0.05	0.00	0.01	0.00
T7 POLA	25 MPH	0.50%	0.03	0.25	0.08	0.00	0.01	0.01
T7 Public	25 MPH	0.04%	0.00	0.02	0.00	0.00	0.00	0.00
T7 Single	25 MPH	0.28%	0.01	0.07	0.03	0.00	0.01	0.00
T7 single construction	25 MPH	0.32%	0.01	0.08	0.04	0.00	0.01	0.00
T7 SWCV	25 MPH	0.08%	0.00	0.02	0.01	0.00	0.00	0.00
T7 tractor	25 MPH	4.26%	0.18	1.65	0.60	0.01	0.10	0.05
T7 tractor construction	25 MPH	0.24%	0.01	0.09	0.03	0.00	0.01	0.00
T7 utility	25 MPH	0.01%	0.00	0.00	0.00	0.00	0.00	0.00
T7IS	25 MPH	0.07%	0.01	0.04	0.37	0.00	0.00	0.00
UBUS	25 MPH	1.12%	0.05	0.76	0.45	0.00	0.12	0.06

All Other Buses	30 MPH	0.10%	0.02	0.18	0.05	0.00	0.02	0.01
LDA	30 MPH	34.63%	0.52	2.89	34.14	0.16	2.20	0.93
LDT1	30 MPH	5.13%	0.09	0.49	5.92	0.03	0.33	0.14
LDT2	30 MPH	12.78%	0.24	1.31	14.73	0.08	0.81	0.34
LHD1	30 MPH	13.61%	0.64	7.14	6.49	0.14	1.27	0.59
LHD2	30 MPH	2.18%	0.14	1.49	1.25	0.02	0.27	0.13
MCY	30 MPH	0.54%	1.46	0.81	11.10	0.00	0.03	0.01
MDV	30 MPH	13.13%	0.34	1.80	19.94	0.10	0.83	0.35
MH	30 MPH	0.32%	0.01	0.37	0.10	0.00	0.03	0.01
Motor Coach	30 MPH	0.09%	0.03	0.25	0.10	0.00	0.02	0.01
OBUS	30 MPH	0.16%	0.00	0.04	0.06	0.00	0.01	0.00
PTO	30 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
SBUS	30 MPH	0.27%	0.06	1.07	0.29	0.00	0.20	0.09
T6 Ag	30 MPH	0.13%	0.02	0.24	0.07	0.00	0.03	0.02
T6 CAIRP heavy	30 MPH	0.01%	0.00	0.01	0.00	0.00	0.00	0.00
T6 CAIRP small	30 MPH	0.02%	0.00	0.03	0.01	0.00	0.01	0.00
T6 instate construction heavy	30 MPH	0.22%	0.03	0.38	0.11	0.00	0.05	0.03
T6 instate construction small	30 MPH	0.59%	0.08	0.90	0.27	0.01	0.14	0.07
T6 instate heavy	30 MPH	0.51%	0.08	0.89	0.25	0.01	0.12	0.06
T6 instate small	30 MPH	1.38%	0.19	2.10	0.63	0.02	0.32	0.16
T6 OOS heavy	30 MPH	0.00%	0.00	0.01	0.00	0.00	0.00	0.00
T6 OOS small	30 MPH	0.01%	0.00	0.02	0.01	0.00	0.00	0.00
T6 Public	30 MPH	0.06%	0.01	0.10	0.02	0.00	0.01	0.01
T6 utility	30 MPH	0.01%	0.00	0.01	0.01	0.00	0.00	0.00
T6TS	30 MPH	0.52%	0.01	0.10	0.18	0.00	0.03	0.01
T7 Ag	30 MPH	0.25%	0.08	0.74	0.29	0.01	0.05	0.03
T7 CAIRP	30 MPH	2.75%	0.92	8.76	3.38	0.06	0.57	0.32
T7 CAIRP construction	30 MPH	0.11%	0.04	0.36	0.14	0.00	0.02	0.01
T7 NNOOS	30 MPH	3.10%	0.90	7.90	3.30	0.07	0.60	0.33
T7 NOOS	30 MPH	1.00%	0.34	3.19	1.23	0.02	0.21	0.12
T7 other port	30 MPH	0.04%	0.02	0.19	0.07	0.00	0.01	0.01
T7 POAK	30 MPH	0.28%	0.11	1.16	0.41	0.01	0.06	0.04
T7 POLA	30 MPH	0.46%	0.18	1.89	0.68	0.01	0.10	0.06
T7 Public	30 MPH	0.03%	0.01	0.18	0.03	0.00	0.01	0.00
T7 Single	30 MPH	0.25%	0.07	0.55	0.25	0.01	0.05	0.02
T7 single construction	30 MPH	0.29%	0.08	0.63	0.28	0.01	0.05	0.03
T7 SWCV	30 MPH	0.07%	0.02	0.17	0.07	0.00	0.01	0.01
T7 tractor	30 MPH	3.91%	1.32	12.52	4.83	0.09	0.81	0.46
T7 tractor construction	30 MPH	0.22%	0.07	0.70	0.27	0.00	0.05	0.03
T7 utility	30 MPH	0.01%	0.00	0.01	0.01	0.00	0.00	0.00
T7IS	30 MPH	0.07%	0.05	0.38	2.71	0.00	0.00	0.00
UBUS	30 MPH	0.76%	0.27	4.42	2.22	0.02	0.72	0.35

All Other Buses	35 MPH	0.06%	0.00	0.05	0.02	0.00	0.01	0.00
LDA	35 MPH	43.09%	0.30	1.88	21.76	0.11	1.51	0.63
LDT1	35 MPH	6.39%	0.05	0.32	3.77	0.02	0.22	0.09
LDT2	35 MPH	15.90%	0.13	0.85	9.39	0.05	0.56	0.23
LHD1	35 MPH	2.87%	0.06	0.83	0.64	0.02	0.15	0.07
LHD2	35 MPH	0.50%	0.02	0.19	0.13	0.00	0.03	0.02
MCY	35 MPH	0.67%	0.96	0.56	7.68	0.00	0.02	0.01
MDV	35 MPH	16.33%	0.19	1.18	12.71	0.07	0.57	0.24
MH	35 MPH	0.19%	0.00	0.12	0.03	0.00	0.01	0.00
Motor Coach	35 MPH	0.08%	0.01	0.11	0.05	0.00	0.01	0.01
OBUS	35 MPH	0.10%	0.00	0.01	0.02	0.00	0.00	0.00
PTO	35 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
SBUS	35 MPH	0.13%	0.01	0.27	0.07	0.00	0.06	0.03
T6 Ag	35 MPH	0.08%	0.01	0.07	0.02	0.00	0.01	0.01
T6 CAIRP heavy	35 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T6 CAIRP small	35 MPH	0.01%	0.00	0.01	0.00	0.00	0.00	0.00
T6 instate construction heavy	35 MPH	0.12%	0.01	0.11	0.03	0.00	0.02	0.01
T6 instate construction small	35 MPH	0.34%	0.02	0.26	0.08	0.00	0.04	0.02
T6 instate heavy	35 MPH	0.29%	0.02	0.26	0.08	0.00	0.04	0.02
T6 instate small	35 MPH	0.80%	0.05	0.61	0.20	0.01	0.10	0.05
T6 OOS heavy	35 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T6 OOS small	35 MPH	0.01%	0.00	0.01	0.00	0.00	0.00	0.00
T6 Public	35 MPH	0.03%	0.00	0.03	0.01	0.00	0.00	0.00
T6 utility	35 MPH	0.01%	0.00	0.00	0.00	0.00	0.00	0.00
T6TS	35 MPH	0.32%	0.00	0.04	0.05	0.00	0.01	0.00
T7 Ag	35 MPH	0.22%	0.03	0.33	0.14	0.00	0.02	0.01
T7 CAIRP	35 MPH	2.43%	0.40	3.91	1.62	0.03	0.28	0.16
T7 CAIRP construction	35 MPH	0.10%	0.02	0.16	0.07	0.00	0.01	0.01
T7 NNOOS	35 MPH	2.73%	0.39	3.53	1.58	0.03	0.30	0.16
T7 NOOS	35 MPH	0.88%	0.14	1.43	0.59	0.01	0.10	0.06
T7 other port	35 MPH	0.04%	0.01	0.08	0.03	0.00	0.01	0.00
T7 POAK	35 MPH	0.25%	0.05	0.52	0.20	0.00	0.03	0.02
T7 POLA	35 MPH	0.40%	0.08	0.85	0.32	0.00	0.05	0.03
T7 Public	35 MPH	0.03%	0.00	0.08	0.01	0.00	0.00	0.00
T7 Single	35 MPH	0.22%	0.03	0.25	0.12	0.00	0.02	0.01
T7 single construction	35 MPH	0.26%	0.03	0.28	0.14	0.00	0.03	0.01
T7 SWCV	35 MPH	0.06%	0.01	0.08	0.03	0.00	0.01	0.00
T7 tractor	35 MPH	3.45%	0.57	5.59	2.31	0.04	0.40	0.23
T7 tractor construction	35 MPH	0.19%	0.03	0.31	0.13	0.00	0.02	0.01
T7 utility	35 MPH	0.01%	0.00	0.00	0.00	0.00	0.00	0.00
T7IS	35 MPH	0.06%	0.02	0.19	1.12	0.00	0.00	0.00
UBUS	35 MPH	0.36%	0.06	1.15	0.50	0.00	0.19	0.09

All Other Buses	40 MPH	0.05%	0.03	0.38	0.12	0.00	0.06	0.03
LDA	40 MPH	46.21%	2.29	16.19	179.01	0.98	13.47	5.60
LDT1	40 MPH	6.85%	0.41	2.74	31.04	0.17	2.00	0.83
LDT2	40 MPH	17.05%	1.04	7.32	77.24	0.49	4.97	2.07
LHD1	40 MPH	0.88%	0.14	2.20	1.48	0.04	0.38	0.17
LHD2	40 MPH	0.18%	0.04	0.56	0.35	0.01	0.10	0.05
MCY	40 MPH	0.72%	8.59	5.15	71.62	0.01	0.20	0.08
MDV	40 MPH	17.52%	1.48	10.12	104.54	0.65	5.10	2.12
MH	40 MPH	0.18%	0.03	0.87	0.22	0.01	0.08	0.04
Motor Coach	40 MPH	0.06%	0.06	0.61	0.28	0.01	0.07	0.04
OBUS	40 MPH	0.09%	0.01	0.10	0.13	0.00	0.03	0.01
PTO	40 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
SBUS	40 MPH	0.07%	0.05	1.08	0.30	0.00	0.24	0.11
T6 Ag	40 MPH	0.07%	0.04	0.50	0.17	0.01	0.08	0.04
T6 CAIRP heavy	40 MPH	0.00%	0.00	0.02	0.01	0.00	0.00	0.00
T6 CAIRP small	40 MPH	0.01%	0.01	0.07	0.02	0.00	0.01	0.01
T6 instate construction heavy	40 MPH	0.12%	0.06	0.80	0.26	0.01	0.13	0.07
T6 instate construction small	40 MPH	0.32%	0.16	1.89	0.66	0.02	0.35	0.18
T6 instate heavy	40 MPH	0.27%	0.15	1.88	0.62	0.02	0.31	0.16
T6 instate small	40 MPH	0.75%	0.37	4.43	1.54	0.05	0.82	0.41
T6 OOS heavy	40 MPH	0.00%	0.00	0.01	0.00	0.00	0.00	0.00
T6 OOS small	40 MPH	0.01%	0.00	0.04	0.01	0.00	0.01	0.00
T6 Public	40 MPH	0.03%	0.01	0.21	0.05	0.00	0.03	0.02
T6 utility	40 MPH	0.01%	0.00	0.03	0.01	0.00	0.01	0.00
T6TS	40 MPH	0.30%	0.02	0.30	0.36	0.01	0.08	0.03
T7 Ag	40 MPH	0.15%	0.18	1.81	0.83	0.02	0.15	0.09
T7 CAIRP	40 MPH	1.73%	2.06	21.45	9.58	0.18	1.73	1.00
T7 CAIRP construction	40 MPH	0.07%	0.08	0.88	0.39	0.01	0.07	0.04
T7 NNOOS	40 MPH	1.94%	2.01	19.36	9.35	0.20	1.82	1.01
T7 NOOS	40 MPH	0.63%	0.75	7.81	3.49	0.06	0.63	0.36
T7 other port	40 MPH	0.03%	0.04	0.45	0.19	0.00	0.03	0.02
T7 POAK	40 MPH	0.17%	0.25	2.83	1.17	0.02	0.19	0.12
T7 POLA	40 MPH	0.29%	0.41	4.64	1.91	0.03	0.32	0.19
T7 Public	40 MPH	0.02%	0.02	0.47	0.08	0.00	0.02	0.01
T7 Single	40 MPH	0.16%	0.15	1.35	0.69	0.02	0.14	0.08
T7 single construction	40 MPH	0.18%	0.17	1.56	0.80	0.02	0.16	0.09
T7 SWCV	40 MPH	0.05%	0.04	0.42	0.19	0.00	0.04	0.02
T7 tractor	40 MPH	2.45%	2.94	30.66	13.68	0.25	2.46	1.43
T7 tractor construction	40 MPH	0.14%	0.16	1.71	0.76	0.01	0.14	0.08
T7 utility	40 MPH	0.00%	0.00	0.02	0.01	0.00	0.00	0.00
T7IS	40 MPH	0.04%	0.08	1.11	5.56	0.00	0.01	0.00
UBUS	40 MPH	0.20%	0.23	5.27	2.03	0.02	0.85	0.40

All Other Buses	45 MPH	0.04%	0.03	0.44	0.15	0.00	0.07	0.04
LDA	45 MPH	44.87%	3.15	23.59	249.78	1.48	20.16	8.35
LDT1	45 MPH	6.65%	0.56	4.00	43.32	0.25	2.99	1.24
LDT2	45 MPH	16.56%	1.43	10.67	107.77	0.74	7.44	3.08
LHD1	45 MPH	0.99%	0.22	3.93	2.38	0.08	0.64	0.28
LHD2	45 MPH	0.19%	0.06	0.98	0.55	0.01	0.16	0.07
MCY	45 MPH	0.70%	13.51	7.90	116.61	0.02	0.30	0.12
MDV	45 MPH	17.01%	2.03	14.76	145.88	0.97	7.63	3.16
MH	45 MPH	0.16%	0.03	1.13	0.28	0.01	0.11	0.05
Motor Coach	45 MPH	0.08%	0.11	1.20	0.61	0.01	0.15	0.09
OBUS	45 MPH	0.08%	0.01	0.15	0.17	0.01	0.04	0.01
PTO	45 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
SBUS	45 MPH	0.03%	0.03	0.74	0.22	0.00	0.17	0.08
T6 Ag	45 MPH	0.06%	0.04	0.58	0.21	0.01	0.10	0.05
T6 CAIRP heavy	45 MPH	0.00%	0.00	0.02	0.01	0.00	0.01	0.00
T6 CAIRP small	45 MPH	0.01%	0.01	0.08	0.03	0.00	0.02	0.01
T6 instate construction heavy	45 MPH	0.09%	0.07	0.93	0.33	0.01	0.17	0.09
T6 instate construction small	45 MPH	0.26%	0.17	2.20	0.82	0.03	0.44	0.23
T6 instate heavy	45 MPH	0.22%	0.16	2.18	0.78	0.02	0.39	0.20
T6 instate small	45 MPH	0.60%	0.41	5.15	1.93	0.07	1.03	0.53
T6 OOS heavy	45 MPH	0.00%	0.00	0.01	0.01	0.00	0.00	0.00
T6 OOS small	45 MPH	0.01%	0.00	0.04	0.02	0.00	0.01	0.01
T6 Public	45 MPH	0.02%	0.01	0.25	0.06	0.00	0.04	0.02
T6 utility	45 MPH	0.01%	0.00	0.03	0.02	0.00	0.01	0.00
T6TS	45 MPH	0.26%	0.02	0.43	0.48	0.02	0.12	0.05
T7 Ag	45 MPH	0.21%	0.33	3.60	1.78	0.03	0.33	0.20
T7 CAIRP	45 MPH	2.36%	3.85	42.59	20.55	0.38	3.81	2.25
T7 CAIRP construction	45 MPH	0.10%	0.16	1.75	0.84	0.02	0.16	0.09
T7 NNOOS	45 MPH	2.66%	3.76	38.43	20.05	0.42	3.99	2.26
T7 NOOS	45 MPH	0.86%	1.40	15.51	7.48	0.14	1.39	0.82
T7 other port	45 MPH	0.04%	0.08	0.90	0.40	0.01	0.07	0.04
T7 POAK	45 MPH	0.24%	0.47	5.62	2.50	0.04	0.43	0.27
T7 POLA	45 MPH	0.39%	0.77	9.21	4.10	0.06	0.70	0.44
T7 Public	45 MPH	0.03%	0.03	0.98	0.17	0.00	0.04	0.02
T7 Single	45 MPH	0.22%	0.28	2.67	1.49	0.03	0.31	0.17
T7 single construction	45 MPH	0.25%	0.32	3.09	1.72	0.04	0.36	0.20
T7 SWCV	45 MPH	0.06%	0.08	0.84	0.40	0.01	0.09	0.05
T7 tractor	45 MPH	3.36%	5.50	60.87	29.33	0.53	5.43	3.21
T7 tractor construction	45 MPH	0.19%	0.31	3.40	1.64	0.03	0.30	0.18
T7 utility	45 MPH	0.01%	0.01	0.05	0.03	0.00	0.01	0.00
T7IS	45 MPH	0.04%	0.11	1.85	8.44	0.00	0.02	0.01
UBUS	45 MPH	0.08%	0.14	3.67	1.26	0.01	0.55	0.26

All Other Buses	50 MPH	0.04%	0.02	0.32	0.12	0.00	0.06	0.03
LDA	50 MPH	43.63%	2.41	18.48	184.61	1.17	15.98	6.61
LDT1	50 MPH	6.47%	0.43	3.13	32.03	0.20	2.37	0.98
LDT2	50 MPH	16.10%	1.09	8.36	79.66	0.59	5.89	2.44
LHD1	50 MPH	4.45%	0.76	15.42	8.65	0.28	2.34	1.03
LHD2	50 MPH	0.74%	0.17	3.35	1.71	0.04	0.51	0.23
MCY	50 MPH	0.68%	11.80	6.45	105.56	0.01	0.24	0.10
MDV	50 MPH	16.54%	1.55	11.60	107.86	0.77	6.05	2.50
MH	50 MPH	0.13%	0.02	0.76	0.20	0.01	0.08	0.04
Motor Coach	50 MPH	0.07%	0.07	0.82	0.45	0.01	0.11	0.06
OBUS	50 MPH	0.07%	0.00	0.10	0.11	0.00	0.02	0.01
PTO	50 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
SBUS	50 MPH	0.01%	0.01	0.25	0.08	0.00	0.06	0.03
T6 Ag	50 MPH	0.05%	0.03	0.43	0.16	0.00	0.08	0.04
T6 CAIRP heavy	50 MPH	0.00%	0.00	0.02	0.01	0.00	0.00	0.00
T6 CAIRP small	50 MPH	0.01%	0.00	0.06	0.02	0.00	0.01	0.01
T6 instate construction heavy	50 MPH	0.09%	0.05	0.68	0.26	0.01	0.13	0.07
T6 instate construction small	50 MPH	0.24%	0.12	1.62	0.65	0.02	0.35	0.18
T6 instate heavy	50 MPH	0.21%	0.11	1.60	0.61	0.02	0.31	0.16
T6 instate small	50 MPH	0.56%	0.28	3.78	1.52	0.05	0.81	0.42
T6 OOS heavy	50 MPH	0.00%	0.00	0.01	0.00	0.00	0.00	0.00
T6 OOS small	50 MPH	0.01%	0.00	0.03	0.01	0.00	0.01	0.00
T6 Public	50 MPH	0.02%	0.01	0.19	0.05	0.00	0.03	0.02
T6 utility	50 MPH	0.01%	0.00	0.03	0.01	0.00	0.01	0.00
T6TS	50 MPH	0.22%	0.01	0.30	0.32	0.01	0.08	0.03
T7 Ag	50 MPH	0.18%	0.21	2.46	1.31	0.02	0.25	0.15
T7 CAIRP	50 MPH	2.07%	2.46	29.07	15.11	0.27	2.86	1.74
T7 CAIRP construction	50 MPH	0.08%	0.10	1.19	0.62	0.01	0.12	0.07
T7 NNOOS	50 MPH	2.32%	2.40	26.24	14.74	0.30	2.97	1.73
T7 NOOS	50 MPH	0.75%	0.90	10.59	5.50	0.10	1.04	0.63
T7 other port	50 MPH	0.03%	0.05	0.62	0.30	0.00	0.05	0.03
T7 POAK	50 MPH	0.21%	0.30	3.83	1.84	0.03	0.32	0.21
T7 POLA	50 MPH	0.34%	0.49	6.29	3.02	0.04	0.53	0.34
T7 Public	50 MPH	0.03%	0.02	0.69	0.12	0.00	0.03	0.02
T7 Single	50 MPH	0.19%	0.18	1.82	1.09	0.02	0.23	0.13
T7 single construction	50 MPH	0.22%	0.21	2.11	1.26	0.03	0.27	0.15
T7 SWCV	50 MPH	0.05%	0.05	0.57	0.30	0.01	0.06	0.04
T7 tractor	50 MPH	2.94%	3.51	41.55	21.57	0.38	4.07	2.48
T7 tractor construction	50 MPH	0.16%	0.20	2.32	1.20	0.02	0.23	0.14
T7 utility	50 MPH	0.00%	0.00	0.03	0.02	0.00	0.01	0.00
T7IS	50 MPH	0.03%	0.07	1.37	6.08	0.00	0.01	0.00
UBUS	50 MPH	0.04%	0.04	1.41	0.44	0.01	0.19	0.09

All Other Buses	55 MPH	0.07%	0.01	0.16	0.07	0.00	0.03	0.02
LDA	55 MPH	41.37%	0.65	4.87	45.28	0.31	4.19	1.74
LDT1	55 MPH	6.13%	0.11	0.83	7.86	0.05	0.62	0.26
LDT2	55 MPH	15.27%	0.29	2.20	19.54	0.15	1.55	0.64
LHD1	55 MPH	2.32%	0.10	2.48	1.27	0.04	0.34	0.15
LHD2	55 MPH	0.46%	0.03	0.64	0.30	0.01	0.09	0.04
MCY	55 MPH	0.64%	3.58	1.76	33.39	0.00	0.06	0.03
MDV	55 MPH	15.68%	0.41	3.07	26.47	0.20	1.59	0.66
MH	55 MPH	0.23%	0.01	0.36	0.10	0.00	0.04	0.02
Motor Coach	55 MPH	0.10%	0.03	0.35	0.20	0.00	0.05	0.03
OBUS	55 MPH	0.11%	0.00	0.05	0.06	0.00	0.01	0.00
PTO	55 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
SBUS	55 MPH	0.03%	0.01	0.13	0.04	0.00	0.03	0.01
T6 Ag	55 MPH	0.10%	0.01	0.22	0.09	0.00	0.04	0.02
T6 CAIRP heavy	55 MPH	0.01%	0.00	0.01	0.00	0.00	0.00	0.00
T6 CAIRP small	55 MPH	0.02%	0.00	0.03	0.01	0.00	0.01	0.00
T6 instate construction heavy	55 MPH	0.16%	0.02	0.34	0.14	0.00	0.07	0.04
T6 instate construction small	55 MPH	0.45%	0.06	0.82	0.35	0.01	0.18	0.10
T6 instate heavy	55 MPH	0.38%	0.05	0.81	0.33	0.01	0.16	0.09
T6 instate small	55 MPH	1.05%	0.13	1.91	0.82	0.03	0.43	0.23
T6 OOS heavy	55 MPH	0.00%	0.00	0.01	0.00	0.00	0.00	0.00
T6 OOS small	55 MPH	0.01%	0.00	0.02	0.01	0.00	0.00	0.00
T6 Public	55 MPH	0.04%	0.00	0.09	0.03	0.00	0.02	0.01
T6 utility	55 MPH	0.01%	0.00	0.01	0.01	0.00	0.00	0.00
T6TS	55 MPH	0.36%	0.01	0.14	0.16	0.01	0.04	0.01
T7 Ag	55 MPH	0.29%	0.08	1.03	0.59	0.01	0.11	0.07
T7 CAIRP	55 MPH	3.20%	0.96	12.23	6.80	0.11	1.30	0.82
T7 CAIRP construction	55 MPH	0.13%	0.04	0.50	0.28	0.00	0.05	0.03
T7 NNOOS	55 MPH	3.60%	0.94	11.04	6.63	0.13	1.35	0.81
T7 NOOS	55 MPH	1.17%	0.35	4.45	2.48	0.04	0.47	0.30
T7 other port	55 MPH	0.05%	0.02	0.26	0.13	0.00	0.02	0.02
T7 POAK	55 MPH	0.32%	0.12	1.61	0.83	0.01	0.15	0.10
T7 POLA	55 MPH	0.53%	0.19	2.64	1.36	0.02	0.24	0.16
T7 Public	55 MPH	0.04%	0.01	0.30	0.05	0.00	0.01	0.01
T7 Single	55 MPH	0.29%	0.07	0.77	0.49	0.01	0.10	0.06
T7 single construction	55 MPH	0.34%	0.08	0.89	0.57	0.01	0.12	0.07
T7 SWCV	55 MPH	0.08%	0.02	0.24	0.13	0.00	0.03	0.02
T7 tractor	55 MPH	4.55%	1.38	17.48	9.71	0.16	1.86	1.17
T7 tractor construction	55 MPH	0.25%	0.08	0.98	0.54	0.01	0.10	0.07
T7 utility	55 MPH	0.01%	0.00	0.01	0.01	0.00	0.00	0.00
T7IS	55 MPH	0.06%	0.03	0.73	3.35	0.00	0.01	0.00
UBUS	55 MPH	0.06%	0.02	0.71	0.20	0.00	0.08	0.04

All Other Buses	60 MPH	0.09%	0.02	0.31	0.13	0.00	0.06	0.03
LDA	60 MPH	47.91%	1.22	8.74	74.46	0.54	7.40	3.07
LDT1	60 MPH	7.10%	0.22	1.49	12.95	0.09	1.10	0.46
LDT2	60 MPH	17.68%	0.55	3.96	32.15	0.27	2.73	1.13
LHD1	60 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
LHD2	60 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
MCY	60 MPH	0.74%	7.65	3.24	75.05	0.01	0.11	0.04
MDV	60 MPH	18.16%	0.78	5.54	43.59	0.36	2.80	1.16
MH	60 MPH	0.27%	0.01	0.65	0.19	0.01	0.07	0.03
Motor Coach	60 MPH	0.03%	0.01	0.16	0.10	0.00	0.02	0.02
OBUS	60 MPH	0.13%	0.00	0.09	0.11	0.00	0.02	0.01
PTO	60 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
SBUS	60 MPH	0.01%	0.00	0.11	0.04	0.00	0.03	0.01
T6 Ag	60 MPH	0.12%	0.02	0.40	0.17	0.00	0.08	0.05
T6 CAIRP heavy	60 MPH	0.01%	0.00	0.02	0.01	0.00	0.00	0.00
T6 CAIRP small	60 MPH	0.02%	0.00	0.05	0.03	0.00	0.01	0.01
T6 instate construction heavy	60 MPH	0.20%	0.04	0.64	0.28	0.01	0.13	0.08
T6 instate construction small	60 MPH	0.55%	0.10	1.52	0.70	0.02	0.35	0.19
T6 instate heavy	60 MPH	0.47%	0.09	1.51	0.66	0.02	0.31	0.18
T6 instate small	60 MPH	1.28%	0.23	3.57	1.63	0.05	0.83	0.46
T6 OOS heavy	60 MPH	0.00%	0.00	0.01	0.00	0.00	0.00	0.00
T6 OOS small	60 MPH	0.01%	0.00	0.03	0.01	0.00	0.01	0.00
T6 Public	60 MPH	0.05%	0.01	0.18	0.05	0.00	0.03	0.02
T6 utility	60 MPH	0.01%	0.00	0.02	0.01	0.00	0.01	0.00
T6TS	60 MPH	0.42%	0.01	0.26	0.31	0.01	0.06	0.03
T7 Ag	60 MPH	0.09%	0.04	0.49	0.29	0.00	0.06	0.04
T7 CAIRP	60 MPH	0.99%	0.43	5.79	3.40	0.05	0.66	0.42
T7 CAIRP construction	60 MPH	0.04%	0.02	0.24	0.14	0.00	0.03	0.02
T7 NNOOS	60 MPH	1.12%	0.42	5.22	3.32	0.06	0.68	0.42
T7 NOOS	60 MPH	0.36%	0.16	2.11	1.24	0.02	0.24	0.15
T7 other port	60 MPH	0.02%	0.01	0.12	0.07	0.00	0.01	0.01
T7 POAK	60 MPH	0.10%	0.05	0.76	0.41	0.01	0.08	0.05
T7 POLA	60 MPH	0.16%	0.08	1.25	0.68	0.01	0.12	0.08
T7 Public	60 MPH	0.01%	0.00	0.14	0.03	0.00	0.01	0.00
T7 Single	60 MPH	0.09%	0.03	0.36	0.25	0.00	0.05	0.03
T7 single construction	60 MPH	0.11%	0.04	0.42	0.28	0.01	0.06	0.04
T7 SWCV	60 MPH	0.03%	0.01	0.11	0.07	0.00	0.01	0.01
T7 tractor	60 MPH	1.41%	0.61	8.27	4.86	0.08	0.94	0.61
T7 tractor construction	60 MPH	0.08%	0.03	0.46	0.27	0.00	0.05	0.03
T7 utility	60 MPH	0.00%	0.00	0.01	0.01	0.00	0.00	0.00
T7IS	60 MPH	0.02%	0.01	0.29	1.43	0.00	0.00	0.00
UBUS	60 MPH	0.09%	0.05	2.15	0.57	0.01	0.21	0.10

All Other Buses	65 MPH	0.01%	0.01	0.11	0.05	0.00	0.02	0.01
LDA	65 MPH	50.70%	3.41	22.43	172.58	1.34	18.37	7.67
LDT1	65 MPH	7.51%	0.60	3.84	30.07	0.23	2.72	1.14
LDT2	65 MPH	18.71%	1.54	10.18	74.55	0.67	6.78	2.83
LHD1	65 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
LHD2	65 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
MCY	65 MPH	0.79%	24.14	8.44	252.25	0.01	0.28	0.11
MDV	65 MPH	19.21%	2.16	14.35	101.17	0.88	6.95	2.90
MH	65 MPH	0.04%	0.01	0.24	0.08	0.00	0.02	0.01
Motor Coach	65 MPH	0.02%	0.02	0.21	0.14	0.00	0.03	0.02
OBUS	65 MPH	0.02%	0.00	0.03	0.05	0.00	0.01	0.00
PTO	65 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
SBUS	65 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T6 Ag	65 MPH	0.02%	0.01	0.15	0.07	0.00	0.03	0.02
T6 CAIRP heavy	65 MPH	0.00%	0.00	0.01	0.00	0.00	0.00	0.00
T6 CAIRP small	65 MPH	0.00%	0.00	0.02	0.01	0.00	0.01	0.00
T6 instate construction heavy	65 MPH	0.03%	0.01	0.24	0.11	0.00	0.05	0.03
T6 instate construction small	65 MPH	0.08%	0.03	0.57	0.27	0.01	0.13	0.08
T6 instate heavy	65 MPH	0.07%	0.03	0.57	0.26	0.01	0.12	0.07
T6 instate small	65 MPH	0.20%	0.08	1.34	0.64	0.02	0.31	0.18
T6 OOS heavy	65 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T6 OOS small	65 MPH	0.00%	0.00	0.01	0.01	0.00	0.00	0.00
T6 Public	65 MPH	0.01%	0.00	0.07	0.02	0.00	0.01	0.01
T6 utility	65 MPH	0.00%	0.00	0.01	0.01	0.00	0.00	0.00
T6TS	65 MPH	0.06%	0.00	0.10	0.13	0.00	0.02	0.01
T7 Ag	65 MPH	0.05%	0.05	0.64	0.40	0.01	0.08	0.05
T7 CAIRP	65 MPH	0.54%	0.52	7.54	4.63	0.07	0.89	0.60
T7 CAIRP construction	65 MPH	0.02%	0.02	0.31	0.19	0.00	0.04	0.02
T7 NNOOS	65 MPH	0.60%	0.51	6.80	4.51	0.08	0.91	0.58
T7 NOOS	65 MPH	0.20%	0.19	2.74	1.68	0.02	0.33	0.22
T7 other port	65 MPH	0.01%	0.01	0.16	0.09	0.00	0.02	0.01
T7 POAK	65 MPH	0.05%	0.06	0.99	0.56	0.01	0.10	0.07
T7 POLA	65 MPH	0.09%	0.10	1.63	0.92	0.01	0.17	0.12
T7 Public	65 MPH	0.01%	0.00	0.18	0.04	0.00	0.01	0.01
T7 Single	65 MPH	0.05%	0.04	0.47	0.33	0.01	0.07	0.04
T7 single construction	65 MPH	0.06%	0.04	0.55	0.39	0.01	0.08	0.05
T7 SWCV	65 MPH	0.01%	0.01	0.15	0.09	0.00	0.02	0.01
T7 tractor	65 MPH	0.76%	0.75	10.77	6.60	0.10	1.27	0.85
T7 tractor construction	65 MPH	0.04%	0.04	0.60	0.37	0.01	0.07	0.05
T7 utility	65 MPH	0.00%	0.00	0.01	0.01	0.00	0.00	0.00
T7IS	65 MPH	0.01%	0.02	0.37	2.08	0.00	0.00	0.00
UBUS	65 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00

All Other Buses	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
LDA	70 MPH	52.31%	0.00	0.00	0.01	0.00	0.00	0.00
LDT1	70 MPH	7.75%	0.00	0.00	0.00	0.00	0.00	0.00
LDT2	70 MPH	19.30%	0.00	0.00	0.00	0.00	0.00	0.00
LHD1	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
LHD2	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
MCY	70 MPH	0.81%	0.00	0.00	0.02	0.00	0.00	0.00
MDV	70 MPH	19.82%	0.00	0.00	0.00	0.00	0.00	0.00
MH	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
Motor Coach	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
OBUS	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
PTO	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
SBUS	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T6 Ag	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T6 CAIRP heavy	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T6 CAIRP small	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T6 instate construction heavy	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T6 instate construction small	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T6 instate heavy	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T6 instate small	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T6 OOS heavy	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T6 OOS small	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T6 Public	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T6 utility	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T6TS	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T7 Ag	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T7 CAIRP	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T7 CAIRP construction	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T7 NNOOS	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T7 NOOS	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T7 other port	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T7 POAK	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T7 POLA	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T7 Public	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T7 Single	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T7 single construction	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T7 SWCV	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T7 tractor	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T7 tractor construction	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T7 utility	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T7IS	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
UBUS	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL			**208.09**	**1,238.06**	**3,427.06**	**23.40**	**262.39**	**123.39**

Based on the emission factors for Fresno County - San Joaquin Valley Air Basin

Year 2012 GHG Emissions (MTons/Year)

Based on EMFAC2011

	VMT Speed Bins (MPH)	Daily VMT	% of Total	Adjusted Daily VMT[1]	Adjusted Annual VMT[2]
5	0 - 5	45	0.00%	49	17,146
10	5 - 10	94	0.01%	103	35,817
15	10 - 15	99,293	5.74%	109,030	37,833,377
20	15 - 20	1,049	0.06%	1,152	399,698
25	20 - 25	6,076	0.35%	6,672	2,315,124
30	25 - 30	55,681	3.22%	61,141	21,216,000
35	30 - 35	31,035	1.79%	34,078	11,825,193
40	35 - 40	259,449	14.99%	284,891	98,857,239
45	40 - 45	401,014	23.17%	440,338	152,797,417
50	45 - 50	327,236	18.91%	359,326	124,685,960
55	50 - 55	90,535	5.23%	99,413	34,496,337
60	55 - 60	137,557	7.95%	151,046	52,413,019
65	60 - 65	321,351	18.57%	352,863	122,443,612
70	65 - 70	15	0.00%	16	5,715
	70 - 75	0	0.00%	0	0
	>75	0	0.00%	0	0
	Total	1,730,430		1,900,120	659,341,654
	SP	131,345		144,225	
	VMT/SP	13.17			

1. VMT is adjusted based on per capita VMT in the Traffic Study provided by Fehr and Peers (i.e., VMT/population and employment (servic population)).

2. Adjusted Daily vehicles miles traveled (VMT) multiplied by 347 days/year to account for reduced traffic on weekends and holidays. Thi assumption is consistent with the California Air Resources Board's (CARB) methodology within the Climate Change Scoping Plan Measure Documentation Supplement.

Emission year				GWP	GWP			
Baseline in P-2035				310	1			
Vehicle Type	**Speed**	**Percent of VMT of SpeedBin**	**NOx**	**N_2O**	**CO_2**	**CO_2e**	**CO_2w/Pavley + LCF**	**CO_2e w/ Pavley + LCFS**
All Other Buses	05 MPH	0.25%	0.00	0.00	0.11	0.12	0.11	0.12
LDA	05 MPH	2.53%	0.00	0.00	0.49	0.49	0.46	0.46
LDT1	05 MPH	0.37%	0.00	0.00	0.08	0.08	0.08	0.08
LDT2	05 MPH	0.94%	0.00	0.00	0.25	0.25	0.24	0.24
LHD1	05 MPH	61.24%	0.03	0.00	18.45	18.76	18.36	18.67
LHD2	05 MPH	8.97%	0.01	0.00	1.96	2.03	1.95	2.02
MCY	05 MPH	0.04%	0.00	0.00	0.00	0.00	0.00	0.00
MDV	05 MPH	1.02%	0.00	0.00	0.34	0.34	0.33	0.33
MH	05 MPH	0.90%	0.00	0.00	0.39	0.39	0.38	0.39
Motor Coach	05 MPH	0.11%	0.00	0.00	0.08	0.08	0.08	0.08
OBUS	05 MPH	0.48%	0.00	0.00	0.21	0.21	0.21	0.21
PTO	05 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
SBUS	05 MPH	0.46%	0.00	0.00	0.20	0.22	0.20	0.22
T6 Ag	05 MPH	0.54%	0.00	0.00	0.24	0.27	0.24	0.27
T6 CAIRP heavy	05 MPH	0.02%	0.00	0.00	0.01	0.01	0.01	0.01
T6 CAIRP small	05 MPH	0.06%	0.00	0.00	0.03	0.03	0.03	0.03
T6 instate construction heavy	05 MPH	0.31%	0.00	0.00	0.14	0.15	0.14	0.15
T6 instate construction smal	05 MPH	0.79%	0.00	0.00	0.35	0.38	0.35	0.38
T6 instate heavy	05 MPH	1.18%	0.01	0.00	0.53	0.58	0.52	0.58
T6 instate small	05 MPH	3.07%	0.01	0.00	1.37	1.48	1.36	1.47
T6 OOS heavy	05 MPH	0.01%	0.00	0.00	0.00	0.01	0.00	0.01
T6 OOS small	05 MPH	0.04%	0.00	0.00	0.02	0.02	0.02	0.02
T6 Public	05 MPH	0.13%	0.00	0.00	0.06	0.07	0.06	0.07
T6 utility	05 MPH	0.03%	0.00	0.00	0.01	0.01	0.01	0.01
T6TS	05 MPH	1.23%	0.00	0.00	0.53	0.53	0.53	0.53
T7 Ag	05 MPH	0.50%	0.00	0.00	0.35	0.39	0.35	0.39
T7 CAIRP	05 MPH	3.15%	0.02	0.00	2.17	2.34	2.16	2.33
T7 CAIRP construction	05 MPH	0.08%	0.00	0.00	0.05	0.06	0.05	0.06
T7 NNOOS	05 MPH	3.55%	0.01	0.00	2.43	2.55	2.42	2.54
T7 NOOS	05 MPH	1.15%	0.01	0.00	0.79	0.85	0.79	0.85
T7 other port	05 MPH	0.06%	0.00	0.00	0.04	0.05	0.04	0.05
T7 POAK	05 MPH	0.16%	0.00	0.00	0.11	0.13	0.11	0.13
T7 POLA	05 MPH	0.27%	0.00	0.00	0.19	0.20	0.19	0.20
T7 Public	05 MPH	0.04%	0.00	0.00	0.03	0.03	0.03	0.03
T7 Single	05 MPH	0.29%	0.00	0.00	0.20	0.22	0.20	0.22
T7 single construction	05 MPH	0.20%	0.00	0.00	0.14	0.15	0.14	0.15
T7 SWCV	05 MPH	0.09%	0.00	0.00	0.06	0.07	0.06	0.07
T7 tractor	05 MPH	4.48%	0.03	0.00	3.09	3.39	3.07	3.38
T7 tractor construction	05 MPH	0.15%	0.00	0.00	0.10	0.11	0.10	0.11
T7 utility	05 MPH	0.01%	0.00	0.00	0.00	0.00	0.00	0.00
T7IS	05 MPH	0.09%	0.00	0.00	0.04	0.04	0.04	0.04
UBUS	05 MPH	1.02%	0.00	0.00	0.45	0.48	0.45	0.48

All Other Buses	10 MPH	0.39%	0.00	0.00	0.30	0.33	0.30	0.33
LDA	10 MPH	1.51%	0.00	0.00	0.45	0.45	0.42	0.42
LDT1	10 MPH	0.22%	0.00	0.00	0.08	0.08	0.07	0.07
LDT2	10 MPH	0.56%	0.00	0.00	0.23	0.23	0.22	0.22
LHD1	10 MPH	54.90%	0.05	0.00	28.73	29.27	28.59	29.13
LHD2	10 MPH	8.52%	0.01	0.00	3.34	3.46	3.32	3.45
MCY	10 MPH	0.02%	0.00	0.00	0.00	0.00	0.00	0.00
MDV	10 MPH	0.61%	0.00	0.00	0.31	0.32	0.30	0.31
MH	10 MPH	1.45%	0.00	0.00	1.07	1.09	1.06	1.08
Motor Coach	10 MPH	0.14%	0.00	0.00	0.16	0.17	0.16	0.17
OBUS	10 MPH	0.77%	0.00	0.00	0.56	0.57	0.56	0.56
PTO	10 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
SBUS	10 MPH	0.51%	0.00	0.00	0.39	0.42	0.39	0.42
T6 Ag	10 MPH	0.86%	0.01	0.00	0.67	0.73	0.67	0.72
T6 CAIRP heavy	10 MPH	0.03%	0.00	0.00	0.02	0.02	0.02	0.02
T6 CAIRP small	10 MPH	0.10%	0.00	0.00	0.08	0.08	0.08	0.08
T6 instate construction heavy	10 MPH	0.49%	0.00	0.00	0.38	0.41	0.37	0.41
T6 instate construction small	10 MPH	1.25%	0.01	0.00	0.96	1.03	0.96	1.03
T6 instate heavy	10 MPH	1.88%	0.01	0.00	1.45	1.57	1.44	1.57
T6 instate small	10 MPH	4.89%	0.03	0.00	3.76	4.02	3.74	4.00
T6 OOS heavy	10 MPH	0.02%	0.00	0.00	0.01	0.01	0.01	0.01
T6 OOS small	10 MPH	0.06%	0.00	0.00	0.04	0.05	0.04	0.05
T6 Public	10 MPH	0.21%	0.00	0.00	0.16	0.18	0.16	0.18
T6 utility	10 MPH	0.05%	0.00	0.00	0.04	0.04	0.04	0.04
T6TS	10 MPH	1.97%	0.00	0.00	1.44	1.45	1.43	1.44
T7 Ag	10 MPH	0.61%	0.01	0.00	0.74	0.81	0.73	0.80
T7 CAIRP	10 MPH	3.85%	0.03	0.00	4.58	4.90	4.55	4.87
T7 CAIRP construction	10 MPH	0.09%	0.00	0.00	0.11	0.12	0.11	0.12
T7 NNOOS	10 MPH	4.33%	0.02	0.00	5.13	5.35	5.10	5.32
T7 NOOS	10 MPH	1.40%	0.01	0.00	1.67	1.78	1.66	1.78
T7 other port	10 MPH	0.07%	0.00	0.00	0.09	0.10	0.09	0.10
T7 POAK	10 MPH	0.20%	0.00	0.00	0.24	0.27	0.24	0.27
T7 POLA	10 MPH	0.33%	0.00	0.00	0.40	0.42	0.40	0.42
T7 Public	10 MPH	0.05%	0.00	0.00	0.06	0.07	0.06	0.07
T7 Single	10 MPH	0.35%	0.00	0.00	0.42	0.45	0.42	0.45
T7 single construction	10 MPH	0.24%	0.00	0.00	0.29	0.31	0.29	0.31
T7 SWCV	10 MPH	0.11%	0.00	0.00	0.13	0.14	0.13	0.14
T7 tractor	10 MPH	5.47%	0.06	0.00	6.51	7.05	6.48	7.02
T7 tractor construction	10 MPH	0.18%	0.00	0.00	0.22	0.23	0.21	0.23
T7 utility	10 MPH	0.01%	0.00	0.00	0.01	0.01	0.01	0.01
T7IS	10 MPH	0.14%	0.00	0.00	0.10	0.10	0.10	0.10
UBUS	10 MPH	1.17%	0.01	0.00	1.01	1.09	1.01	1.09

All Other Buses	15 MPH	0.28%	1.40	0.04	186.88	200.70	185.94	199.77
LDA	15 MPH	1.04%	0.09	0.00	254.98	255.87	239.16	240.05
LDT1	15 MPH	0.15%	0.03	0.00	42.39	42.72	40.02	40.34
LDT2	15 MPH	0.39%	0.07	0.00	129.23	129.90	123.52	124.20
LHD1	15 MPH	64.87%	59.15	1.88	26,075.89	26,658.97	25,945.51	26,528.60
LHD2	15 MPH	9.94%	13.08	0.42	3,206.57	3,335.48	3,190.54	3,319.45
MCY	15 MPH	0.02%	0.01	0.00	1.14	1.20	1.13	1.20
MDV	15 MPH	0.42%	0.10	0.00	177.18	178.19	172.11	173.12
MH	15 MPH	0.98%	1.17	0.04	539.72	551.26	537.02	548.56
Motor Coach	15 MPH	0.09%	0.62	0.02	90.43	96.50	89.98	96.05
OBUS	15 MPH	0.51%	0.31	0.01	270.97	274.00	269.61	272.64
PTO	15 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
SBUS	15 MPH	0.54%	2.33	0.07	343.73	366.67	342.01	364.95
T6 Ag	15 MPH	0.61%	3.10	0.10	412.57	443.13	410.50	441.06
T6 CAIRP heavy	15 MPH	0.02%	0.08	0.00	14.30	15.06	14.23	14.99
T6 CAIRP small	15 MPH	0.07%	0.22	0.01	47.82	49.96	47.58	49.72
T6 instate construction heavy	15 MPH	0.35%	1.77	0.06	232.05	249.50	230.89	248.34
T6 instate construction small	15 MPH	0.89%	3.72	0.12	594.52	631.14	591.55	628.17
T6 instate heavy	15 MPH	1.34%	6.66	0.21	892.99	958.62	888.53	954.15
T6 instate small	15 MPH	3.48%	14.01	0.45	2,320.77	2,458.90	2,309.16	2,447.29
T6 OOS heavy	15 MPH	0.01%	0.04	0.00	8.20	8.64	8.16	8.60
T6 OOS small	15 MPH	0.04%	0.12	0.00	27.41	28.64	27.28	28.51
T6 Public	15 MPH	0.15%	0.72	0.02	101.36	108.44	100.85	107.94
T6 utility	15 MPH	0.03%	0.12	0.00	22.06	23.26	21.95	23.15
T6TS	15 MPH	1.31%	0.81	0.03	691.48	699.44	688.03	695.98
T7 Ag	15 MPH	0.40%	3.40	0.11	411.55	445.11	409.49	443.05
T7 CAIRP	15 MPH	2.48%	16.23	0.52	2,560.39	2,720.40	2,547.59	2,707.60
T7 CAIRP construction	15 MPH	0.06%	0.40	0.01	62.37	66.33	62.06	66.02
T7 NNOOS	15 MPH	2.79%	11.29	0.36	2,867.44	2,978.77	2,853.10	2,964.43
T7 NOOS	15 MPH	0.90%	5.91	0.19	932.55	990.83	927.89	986.16
T7 other port	15 MPH	0.05%	0.44	0.01	48.49	52.81	48.24	52.57
T7 POAK	15 MPH	0.13%	1.26	0.04	135.17	147.59	134.50	146.91
T7 POLA	15 MPH	0.21%	1.21	0.04	224.45	236.42	223.32	235.30
T7 Public	15 MPH	0.03%	0.29	0.01	34.82	37.64	34.65	37.46
T7 Single	15 MPH	0.23%	1.50	0.05	234.49	249.31	233.32	248.14
T7 single construction	15 MPH	0.16%	1.05	0.03	160.69	171.05	159.89	170.24
T7 SWCV	15 MPH	0.07%	0.52	0.02	72.41	77.50	72.05	77.13
T7 tractor	15 MPH	3.53%	26.81	0.85	3,640.53	3,904.83	3,622.32	3,886.63
T7 tractor construction	15 MPH	0.12%	0.90	0.03	120.30	129.21	119.69	128.61
T7 utility	15 MPH	0.01%	0.03	0.00	5.19	5.52	5.17	5.50
T7IS	15 MPH	0.08%	0.14	0.00	41.05	42.47	40.84	42.26
UBUS	15 MPH	1.24%	7.04	0.22	1,042.72	1,112.10	1,037.51	1,106.89

All Other Buses	20 MPH	0.06%	0.00	0.00	0.33	0.35	0.33	0.35
LDA	20 MPH	38.68%	0.03	0.00	79.09	79.41	74.19	74.51
LDT1	20 MPH	5.59%	0.01	0.00	13.16	13.28	12.43	12.54
LDT2	20 MPH	14.34%	0.02	0.00	40.10	40.34	38.33	38.57
LHD1	20 MPH	14.77%	0.13	0.00	48.59	49.86	48.35	49.61
LHD2	20 MPH	2.24%	0.03	0.00	6.32	6.59	6.28	6.56
MCY	20 MPH	0.58%	0.00	0.00	0.39	0.42	0.39	0.41
MDV	20 MPH	15.60%	0.04	0.00	54.98	55.34	53.41	53.77
MH	20 MPH	0.20%	0.00	0.00	0.89	0.91	0.88	0.90
Motor Coach	20 MPH	0.04%	0.00	0.00	0.33	0.35	0.33	0.35
OBUS	20 MPH	0.11%	0.00	0.00	0.43	0.44	0.43	0.43
PTO	20 MPH	0.65%	0.03	0.00	5.55	5.89	5.52	5.86
SBUS	20 MPH	0.15%	0.01	0.00	0.76	0.82	0.76	0.81
T6 Ag	20 MPH	0.13%	0.01	0.00	0.73	0.78	0.73	0.78
T6 CAIRP heavy	20 MPH	0.00%	0.00	0.00	0.03	0.03	0.03	0.03
T6 CAIRP small	20 MPH	0.02%	0.00	0.00	0.08	0.09	0.08	0.09
T6 instate construction heavy	20 MPH	0.07%	0.00	0.00	0.41	0.44	0.41	0.44
T6 instate construction small	20 MPH	0.19%	0.01	0.00	1.05	1.11	1.05	1.11
T6 instate heavy	20 MPH	0.28%	0.01	0.00	1.58	1.69	1.57	1.68
T6 instate small	20 MPH	0.74%	0.02	0.00	4.11	4.34	4.09	4.32
T6 OOS heavy	20 MPH	0.00%	0.00	0.00	0.01	0.02	0.01	0.02
T6 OOS small	20 MPH	0.01%	0.00	0.00	0.05	0.05	0.05	0.05
T6 Public	20 MPH	0.03%	0.00	0.00	0.18	0.19	0.18	0.19
T6 utility	20 MPH	0.01%	0.00	0.00	0.04	0.04	0.04	0.04
T6TS	20 MPH	0.27%	0.00	0.00	1.10	1.11	1.09	1.11
T7 Ag	20 MPH	0.17%	0.01	0.00	1.50	1.62	1.50	1.62
T7 CAIRP	20 MPH	1.09%	0.06	0.00	9.36	9.92	9.31	9.87
T7 CAIRP construction	20 MPH	0.03%	0.00	0.00	0.23	0.24	0.23	0.24
T7 NNOOS	20 MPH	1.22%	0.04	0.00	10.48	10.87	10.43	10.82
T7 NOOS	20 MPH	0.40%	0.02	0.00	3.41	3.61	3.39	3.59
T7 other port	20 MPH	0.02%	0.00	0.00	0.18	0.19	0.18	0.19
T7 POAK	20 MPH	0.06%	0.00	0.00	0.49	0.54	0.49	0.53
T7 POLA	20 MPH	0.09%	0.00	0.00	0.82	0.86	0.82	0.86
T7 Public	20 MPH	0.01%	0.00	0.00	0.13	0.14	0.13	0.14
T7 Single	20 MPH	0.10%	0.01	0.00	0.86	0.91	0.85	0.90
T7 single construction	20 MPH	0.07%	0.00	0.00	0.59	0.62	0.58	0.62
T7 SWCV	20 MPH	0.03%	0.00	0.00	0.26	0.28	0.26	0.28
T7 tractor	20 MPH	1.55%	0.09	0.00	13.31	14.23	13.24	14.16
T7 tractor construction	20 MPH	0.05%	0.00	0.00	0.44	0.47	0.44	0.47
T7 utility	20 MPH	0.00%	0.00	0.00	0.02	0.02	0.02	0.02
T7IS	20 MPH	0.03%	0.00	0.00	0.11	0.11	0.11	0.11
UBUS	20 MPH	0.33%	0.02	0.00	2.77	2.93	2.75	2.91

All Other Buses	25 MPH	0.19%	0.04	0.00	5.88	6.30	5.85	6.27
LDA	25 MPH	14.31%	0.06	0.00	140.69	141.33	131.97	132.61
LDT1	25 MPH	2.07%	0.02	0.00	23.41	23.63	22.10	22.33
LDT2	25 MPH	5.31%	0.05	0.00	71.31	71.78	68.17	68.63
LHD1	25 MPH	40.17%	1.88	0.06	628.41	646.99	625.27	643.85
LHD2	25 MPH	6.58%	0.43	0.01	94.00	98.25	93.53	97.78
MCY	25 MPH	0.21%	0.01	0.00	0.75	0.80	0.74	0.80
MDV	25 MPH	5.77%	0.07	0.00	97.78	98.48	94.98	95.68
MH	25 MPH	0.71%	0.04	0.00	14.19	14.61	14.12	14.54
Motor Coach	25 MPH	0.13%	0.04	0.00	5.82	6.19	5.79	6.16
OBUS	25 MPH	0.38%	0.02	0.00	6.68	6.83	6.65	6.80
PTO	25 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
SBUS	25 MPH	0.73%	0.14	0.00	19.83	21.25	19.73	21.15
T6 Ag	25 MPH	0.43%	0.10	0.00	12.98	13.92	12.91	13.85
T6 CAIRP heavy	25 MPH	0.01%	0.00	0.00	0.45	0.47	0.45	0.47
T6 CAIRP small	25 MPH	0.05%	0.01	0.00	1.50	1.57	1.50	1.56
T6 instate construction heavy	25 MPH	0.24%	0.05	0.00	7.30	7.83	7.26	7.80
T6 instate construction small	25 MPH	0.62%	0.11	0.00	18.70	19.80	18.60	19.71
T6 instate heavy	25 MPH	0.93%	0.20	0.01	28.08	30.10	27.94	29.96
T6 instate small	25 MPH	2.43%	0.42	0.01	72.99	77.14	72.62	76.78
T6 OOS heavy	25 MPH	0.01%	0.00	0.00	0.26	0.27	0.26	0.27
T6 OOS small	25 MPH	0.03%	0.00	0.00	0.86	0.90	0.86	0.89
T6 Public	25 MPH	0.11%	0.02	0.00	3.19	3.41	3.17	3.39
T6 utility	25 MPH	0.02%	0.00	0.00	0.69	0.73	0.69	0.73
T6TS	25 MPH	0.96%	0.04	0.00	17.05	17.44	16.97	17.36
T7 Ag	25 MPH	0.56%	0.21	0.01	26.47	28.58	26.34	28.45
T7 CAIRP	25 MPH	3.54%	0.98	0.03	164.67	174.29	163.84	173.46
T7 CAIRP construction	25 MPH	0.09%	0.02	0.00	4.01	4.25	3.99	4.23
T7 NNOOS	25 MPH	3.99%	0.68	0.02	184.41	191.07	183.49	190.15
T7 NOOS	25 MPH	1.29%	0.36	0.01	59.98	63.48	59.68	63.18
T7 other port	25 MPH	0.07%	0.03	0.00	3.12	3.39	3.10	3.37
T7 POAK	25 MPH	0.19%	0.08	0.00	8.69	9.46	8.65	9.42
T7 POLA	25 MPH	0.31%	0.07	0.00	14.43	15.15	14.36	15.08
T7 Public	25 MPH	0.05%	0.02	0.00	2.24	2.42	2.23	2.41
T7 Single	25 MPH	0.33%	0.09	0.00	15.08	16.01	15.01	15.93
T7 single construction	25 MPH	0.22%	0.07	0.00	10.33	10.98	10.28	10.93
T7 SWCV	25 MPH	0.10%	0.03	0.00	4.66	4.98	4.63	4.95
T7 tractor	25 MPH	5.04%	1.66	0.05	234.13	250.47	232.96	249.30
T7 tractor construction	25 MPH	0.17%	0.06	0.00	7.74	8.29	7.70	8.25
T7 utility	25 MPH	0.01%	0.00	0.00	0.33	0.35	0.33	0.35
T7IS	25 MPH	0.11%	0.01	0.00	1.95	2.09	1.94	2.08
UBUS	25 MPH	1.56%	0.40	0.01	73.68	77.61	73.31	77.24

All Other Buses	30 MPH	0.13%	0.25	0.01	34.30	36.78	34.13	36.60
LDA	30 MPH	28.63%	1.12	0.04	2,223.22	2,234.22	2,085.42	2,096.43
LDT1	30 MPH	4.14%	0.40	0.01	369.79	373.71	349.13	353.05
LDT2	30 MPH	10.61%	0.81	0.03	1,126.55	1,134.57	1,076.89	1,084.90
LHD1	30 MPH	19.70%	8.11	0.26	2,439.50	2,519.46	2,427.30	2,507.26
LHD2	30 MPH	3.19%	1.81	0.06	379.79	397.65	377.89	395.75
MCY	30 MPH	0.43%	0.11	0.00	12.56	13.62	12.50	13.56
MDV	30 MPH	11.54%	1.20	0.04	1,544.71	1,556.59	1,500.58	1,512.45
MH	30 MPH	0.46%	0.25	0.01	70.72	73.19	70.36	72.84
Motor Coach	30 MPH	0.12%	0.31	0.01	47.66	50.71	47.42	50.48
OBUS	30 MPH	0.24%	0.09	0.00	31.51	32.41	31.35	32.26
PTO	30 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
SBUS	30 MPH	0.50%	0.87	0.03	112.65	121.23	112.08	120.67
T6 Ag	30 MPH	0.29%	0.57	0.02	75.72	81.31	75.35	80.93
T6 CAIRP heavy	30 MPH	0.01%	0.01	0.00	2.62	2.76	2.61	2.75
T6 CAIRP small	30 MPH	0.03%	0.04	0.00	8.78	9.14	8.73	9.10
T6 instate construction heavy	30 MPH	0.16%	0.33	0.01	42.59	45.80	42.38	45.59
T6 instate construction small	30 MPH	0.42%	0.66	0.02	109.12	115.59	108.57	115.04
T6 instate heavy	30 MPH	0.63%	1.22	0.04	163.90	175.97	163.08	175.15
T6 instate small	30 MPH	1.65%	2.47	0.08	425.96	450.35	423.83	448.22
T6 OOS heavy	30 MPH	0.01%	0.01	0.00	1.50	1.58	1.50	1.57
T6 OOS small	30 MPH	0.02%	0.02	0.00	5.03	5.24	5.01	5.22
T6 Public	30 MPH	0.07%	0.13	0.00	18.60	19.91	18.51	19.82
T6 utility	30 MPH	0.02%	0.02	0.00	4.05	4.26	4.03	4.24
T6TS	30 MPH	0.61%	0.24	0.01	80.41	82.78	80.00	82.38
T7 Ag	30 MPH	0.54%	1.79	0.06	216.89	234.51	215.80	233.43
T7 CAIRP	30 MPH	3.38%	7.83	0.25	1,349.33	1,426.51	1,342.58	1,419.77
T7 CAIRP construction	30 MPH	0.08%	0.19	0.01	32.87	34.78	32.71	34.61
T7 NNOOS	30 MPH	3.80%	5.38	0.17	1,511.14	1,564.20	1,503.59	1,556.64
T7 NOOS	30 MPH	1.23%	2.85	0.09	491.46	519.57	489.00	517.11
T7 other port	30 MPH	0.06%	0.22	0.01	25.55	27.76	25.42	27.63
T7 POAK	30 MPH	0.18%	0.65	0.02	71.24	77.66	70.88	77.30
T7 POLA	30 MPH	0.29%	0.58	0.02	118.28	123.96	117.69	123.36
T7 Public	30 MPH	0.05%	0.15	0.00	18.35	19.86	18.26	19.77
T7 Single	30 MPH	0.31%	0.79	0.02	123.58	131.32	122.96	130.71
T7 single construction	30 MPH	0.21%	0.55	0.02	84.68	90.10	84.26	89.68
T7 SWCV	30 MPH	0.09%	0.27	0.01	38.16	40.84	37.97	40.65
T7 tractor	30 MPH	4.80%	13.65	0.43	1,918.56	2,053.15	1,908.97	2,043.56
T7 tractor construction	30 MPH	0.16%	0.46	0.01	63.40	67.97	63.08	67.65
T7 utility	30 MPH	0.01%	0.02	0.00	2.74	2.91	2.72	2.89
T7IS	30 MPH	0.11%	0.13	0.00	14.88	16.20	14.80	16.12
UBUS	30 MPH	1.10%	2.38	0.08	466.86	490.27	464.52	487.94

All Other Buses	35 MPH	0.06%	0.07	0.00	8.90	9.55	8.86	9.50
LDA	35 MPH	42.01%	0.88	0.03	1,623.79	1,632.43	1,523.16	1,531.79
LDT1	35 MPH	6.08%	0.31	0.01	270.07	273.14	254.98	258.05
LDT2	35 MPH	15.57%	0.63	0.02	822.67	828.91	786.41	792.64
LHD1	35 MPH	3.54%	0.81	0.03	220.49	228.45	219.38	227.34
LHD2	35 MPH	0.62%	0.19	0.01	38.78	40.69	38.58	40.49
MCY	35 MPH	0.63%	0.09	0.00	9.65	10.54	9.60	10.49
MDV	35 MPH	16.94%	0.93	0.03	1,128.05	1,137.26	1,095.82	1,105.03
MH	35 MPH	0.23%	0.07	0.00	17.85	18.55	17.76	18.46
Motor Coach	35 MPH	0.09%	0.12	0.00	18.87	20.08	18.77	19.99
OBUS	35 MPH	0.12%	0.03	0.00	7.76	8.04	7.73	8.00
PTO	35 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
SBUS	35 MPH	0.21%	0.20	0.01	25.06	27.06	24.93	26.94
T6 Ag	35 MPH	0.14%	0.15	0.00	19.65	21.12	19.55	21.02
T6 CAIRP heavy	35 MPH	0.00%	0.00	0.00	0.68	0.72	0.68	0.71
T6 CAIRP small	35 MPH	0.02%	0.01	0.00	2.28	2.37	2.27	2.36
T6 instate construction heavy	35 MPH	0.08%	0.09	0.00	11.05	11.91	11.00	11.85
T6 instate construction small	35 MPH	0.21%	0.17	0.01	28.31	30.00	28.17	29.86
T6 instate heavy	35 MPH	0.31%	0.33	0.01	42.53	45.74	42.31	45.53
T6 instate small	35 MPH	0.81%	0.65	0.02	110.52	116.89	109.97	116.34
T6 OOS heavy	35 MPH	0.00%	0.00	0.00	0.39	0.41	0.39	0.41
T6 OOS small	35 MPH	0.01%	0.01	0.00	1.31	1.36	1.30	1.35
T6 Public	35 MPH	0.04%	0.04	0.00	4.83	5.17	4.80	5.15
T6 utility	35 MPH	0.01%	0.01	0.00	1.05	1.11	1.05	1.10
T6TS	35 MPH	0.32%	0.07	0.00	19.81	20.53	19.71	20.43
T7 Ag	35 MPH	0.40%	0.72	0.02	85.86	92.96	85.43	92.53
T7 CAIRP	35 MPH	2.53%	3.04	0.10	534.15	564.13	531.48	561.46
T7 CAIRP construction	35 MPH	0.06%	0.08	0.00	13.01	13.75	12.95	13.69
T7 NNOOS	35 MPH	2.85%	2.08	0.07	598.21	618.68	595.22	615.69
T7 NOOS	35 MPH	0.92%	1.11	0.04	194.55	205.47	193.58	204.49
T7 other port	35 MPH	0.05%	0.09	0.00	10.12	11.00	10.06	10.95
T7 POAK	35 MPH	0.13%	0.26	0.01	28.20	30.79	28.06	30.65
T7 POLA	35 MPH	0.22%	0.22	0.01	46.82	49.01	46.59	48.77
T7 Public	35 MPH	0.03%	0.06	0.00	7.26	7.88	7.23	7.84
T7 Single	35 MPH	0.23%	0.32	0.01	48.92	52.06	48.68	51.81
T7 single construction	35 MPH	0.16%	0.22	0.01	33.52	35.72	33.36	35.55
T7 SWCV	35 MPH	0.07%	0.11	0.00	15.11	16.19	15.03	16.11
T7 tractor	35 MPH	3.60%	5.44	0.17	759.49	813.16	755.69	809.36
T7 tractor construction	35 MPH	0.12%	0.19	0.01	25.10	26.92	24.97	26.80
T7 utility	35 MPH	0.01%	0.01	0.00	1.08	1.15	1.08	1.15
T7IS	35 MPH	0.08%	0.06	0.00	5.25	5.81	5.22	5.79
UBUS	35 MPH	0.45%	0.52	0.02	105.04	110.20	104.52	109.67

All Other Buses	40 MPH	0.05%	0.39	0.01	52.54	56.41	52.27	56.15
LDA	40 MPH	46.77%	7.96	0.25	13,996.55	14,075.00	13,129.12	13,207.57
LDT1	40 MPH	6.76%	2.84	0.09	2,327.83	2,355.83	2,197.82	2,225.82
LDT2	40 MPH	17.34%	5.72	0.18	7,090.24	7,146.59	6,777.70	6,834.05
LHD1	40 MPH	0.86%	1.68	0.05	422.14	438.75	420.03	436.64
LHD2	40 MPH	0.17%	0.46	0.01	87.36	91.90	86.92	91.47
MCY	40 MPH	0.70%	0.86	0.03	86.57	95.07	86.14	94.64
MDV	40 MPH	18.86%	8.41	0.27	9,722.30	9,805.25	9,444.57	9,527.51
MH	40 MPH	0.17%	0.45	0.01	101.60	105.99	101.09	105.48
Motor Coach	40 MPH	0.05%	0.56	0.02	84.66	90.14	84.24	89.72
OBUS	40 MPH	0.09%	0.18	0.01	43.36	45.13	43.14	44.91
PTO	40 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
SBUS	40 MPH	0.09%	0.67	0.02	79.81	86.45	79.41	86.06
T6 Ag	40 MPH	0.11%	0.89	0.03	115.98	124.81	115.40	124.23
T6 CAIRP heavy	40 MPH	0.00%	0.02	0.00	4.02	4.23	4.00	4.21
T6 CAIRP small	40 MPH	0.01%	0.06	0.00	13.44	13.99	13.38	13.92
T6 instate construction heavy	40 MPH	0.06%	0.53	0.02	65.24	70.41	64.91	70.09
T6 instate construction small	40 MPH	0.15%	1.02	0.03	167.14	177.20	166.30	176.37
T6 instate heavy	40 MPH	0.23%	1.97	0.06	251.04	270.50	249.79	269.25
T6 instate small	40 MPH	0.60%	3.85	0.12	652.43	690.36	649.17	687.10
T6 OOS heavy	40 MPH	0.00%	0.01	0.00	2.30	2.42	2.29	2.41
T6 OOS small	40 MPH	0.01%	0.03	0.00	7.71	8.02	7.67	7.98
T6 Public	40 MPH	0.03%	0.21	0.01	28.49	30.59	28.35	30.44
T6 utility	40 MPH	0.01%	0.03	0.00	6.20	6.54	6.17	6.51
T6TS	40 MPH	0.24%	0.47	0.01	110.65	115.29	110.09	114.74
T7 Ag	40 MPH	0.23%	3.30	0.10	385.32	417.82	383.39	415.89
T7 CAIRP	40 MPH	1.43%	13.43	0.43	2,397.19	2,529.62	2,385.20	2,517.63
T7 CAIRP construction	40 MPH	0.03%	0.33	0.01	58.40	61.67	58.10	61.38
T7 NNOOS	40 MPH	1.60%	9.11	0.29	2,684.67	2,774.51	2,671.24	2,761.08
T7 NOOS	40 MPH	0.52%	4.89	0.16	873.11	921.34	868.75	916.98
T7 other port	40 MPH	0.03%	0.41	0.01	45.40	49.41	45.17	49.19
T7 POAK	40 MPH	0.07%	1.20	0.04	126.56	138.38	125.92	137.75
T7 POLA	40 MPH	0.12%	0.97	0.03	210.14	219.68	209.09	218.63
T7 Public	40 MPH	0.02%	0.29	0.01	32.60	35.41	32.44	35.25
T7 Single	40 MPH	0.13%	1.46	0.05	219.55	233.95	218.45	232.85
T7 single construction	40 MPH	0.09%	1.02	0.03	150.45	160.52	149.70	159.76
T7 SWCV	40 MPH	0.04%	0.50	0.02	67.80	72.75	67.46	72.41
T7 tractor	40 MPH	2.03%	24.65	0.78	3,408.48	3,651.52	3,391.43	3,634.47
T7 tractor construction	40 MPH	0.07%	0.84	0.03	112.63	120.93	112.07	120.37
T7 utility	40 MPH	0.00%	0.03	0.00	4.86	5.18	4.84	5.16
T7IS	40 MPH	0.04%	0.26	0.01	20.52	23.08	20.41	22.98
UBUS	40 MPH	0.19%	1.90	0.06	374.43	393.14	372.56	391.27

All Other Buses	45 MPH	0.04%	0.55	0.02	72.01	77.39	71.65	77.03
LDA	45 MPH	44.82%	11.66	0.37	19,951.25	20,066.17	18,714.68	18,829.60
LDT1	45 MPH	6.48%	4.19	0.13	3,317.92	3,359.22	3,132.61	3,173.91
LDT2	45 MPH	16.62%	8.35	0.27	10,105.33	10,187.64	9,659.89	9,742.20
LHD1	45 MPH	1.11%	3.46	0.11	810.47	844.57	806.42	840.52
LHD2	45 MPH	0.22%	0.92	0.03	165.23	174.35	164.41	173.52
MCY	45 MPH	0.67%	1.32	0.04	127.01	139.99	126.38	139.35
MDV	45 MPH	18.07%	12.27	0.39	13,856.87	13,977.80	13,461.03	13,581.96
MH	45 MPH	0.17%	0.69	0.02	150.93	157.78	150.17	157.02
Motor Coach	45 MPH	0.08%	1.31	0.04	198.42	211.34	197.42	210.35
OBUS	45 MPH	0.09%	0.29	0.01	65.27	68.17	64.95	67.84
PTO	45 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
SBUS	45 MPH	0.05%	0.56	0.02	63.98	69.48	63.66	69.16
T6 Ag	45 MPH	0.10%	1.25	0.04	158.98	171.28	158.18	170.48
T6 CAIRP heavy	45 MPH	0.00%	0.03	0.00	5.51	5.80	5.48	5.77
T6 CAIRP small	45 MPH	0.01%	0.08	0.00	18.43	19.17	18.33	19.08
T6 instate construction heavy	45 MPH	0.06%	0.74	0.02	89.42	96.69	88.97	96.24
T6 instate construction small	45 MPH	0.14%	1.41	0.04	229.09	243.03	227.95	241.89
T6 instate heavy	45 MPH	0.21%	2.77	0.09	344.11	371.43	342.39	369.71
T6 instate small	45 MPH	0.55%	5.33	0.17	894.29	946.80	889.82	942.33
T6 OOS heavy	45 MPH	0.00%	0.02	0.00	3.16	3.33	3.14	3.31
T6 OOS small	45 MPH	0.01%	0.04	0.00	10.56	10.99	10.51	10.94
T6 Public	45 MPH	0.02%	0.30	0.01	39.06	41.99	38.86	41.79
T6 utility	45 MPH	0.01%	0.05	0.00	8.50	8.97	8.46	8.93
T6TS	45 MPH	0.24%	0.77	0.02	166.57	174.17	165.74	173.34
T7 Ag	45 MPH	0.36%	7.88	0.25	903.02	980.66	898.50	976.14
T7 CAIRP	45 MPH	2.24%	31.14	0.99	5,617.96	5,924.92	5,589.87	5,896.83
T7 CAIRP construction	45 MPH	0.05%	0.77	0.02	136.86	144.45	136.17	143.76
T7 NNOOS	45 MPH	2.52%	21.00	0.67	6,291.68	6,498.72	6,260.23	6,467.26
T7 NOOS	45 MPH	0.82%	11.34	0.36	2,046.19	2,157.98	2,035.96	2,147.75
T7 other port	45 MPH	0.04%	0.97	0.03	106.39	115.93	105.86	115.40
T7 POAK	45 MPH	0.12%	2.86	0.09	296.59	324.83	295.11	323.35
T7 POLA	45 MPH	0.19%	2.22	0.07	492.47	514.40	490.01	511.94
T7 Public	45 MPH	0.03%	0.68	0.02	76.41	83.15	76.02	82.76
T7 Single	45 MPH	0.21%	3.50	0.11	514.52	549.02	511.95	546.44
T7 single construction	45 MPH	0.14%	2.45	0.08	352.59	376.71	350.82	374.95
T7 SWCV	45 MPH	0.06%	1.20	0.04	158.89	170.73	158.10	169.93
T7 tractor	45 MPH	3.19%	58.39	1.86	7,987.98	8,563.63	7,948.04	8,523.69
T7 tractor construction	45 MPH	0.11%	2.00	0.06	263.95	283.67	262.63	282.35
T7 utility	45 MPH	0.00%	0.08	0.00	11.40	12.15	11.34	12.10
T7IS	45 MPH	0.05%	0.50	0.02	35.84	40.76	35.66	40.58
UBUS	45 MPH	0.09%	1.52	0.05	282.30	297.25	280.89	295.84

All Other Buses	50 MPH	0.04%	0.35	0.01	45.86	49.33	45.63	49.10
LDA	50 MPH	44.54%	9.49	0.30	16,164.68	16,258.24	15,162.64	15,256.20
LDT1	50 MPH	6.44%	3.45	0.11	2,687.94	2,721.94	2,537.80	2,571.80
LDT2	50 MPH	16.51%	6.80	0.22	8,186.44	8,253.45	7,825.58	7,892.59
LHD1	50 MPH	4.24%	11.52	0.37	2,543.81	2,657.38	2,531.09	2,644.66
LHD2	50 MPH	0.72%	2.68	0.09	446.52	472.92	444.29	470.69
MCY	50 MPH	0.66%	1.10	0.04	104.98	115.86	104.45	115.33
MDV	50 MPH	17.96%	9.98	0.32	11,225.79	11,324.18	10,905.10	11,003.49
MH	50 MPH	0.12%	0.41	0.01	87.26	91.31	86.82	90.88
Motor Coach	50 MPH	0.06%	0.78	0.02	117.42	125.14	116.83	124.55
OBUS	50 MPH	0.07%	0.17	0.01	37.22	38.94	37.03	38.76
PTO	50 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
SBUS	50 MPH	0.02%	0.16	0.01	18.30	19.91	18.21	19.82
T6 Ag	50 MPH	0.08%	0.81	0.03	101.24	109.21	100.74	108.71
T6 CAIRP heavy	50 MPH	0.00%	0.02	0.00	3.51	3.70	3.49	3.68
T6 CAIRP small	50 MPH	0.01%	0.05	0.00	11.73	12.21	11.68	12.15
T6 instate construction heavy	50 MPH	0.04%	0.48	0.02	56.94	61.68	56.66	61.40
T6 instate construction small	50 MPH	0.11%	0.91	0.03	145.89	154.87	145.16	154.14
T6 instate heavy	50 MPH	0.17%	1.81	0.06	219.14	236.94	218.04	235.84
T6 instate small	50 MPH	0.44%	3.43	0.11	569.51	603.34	566.67	600.49
T6 OOS heavy	50 MPH	0.00%	0.01	0.00	2.01	2.12	2.00	2.11
T6 OOS small	50 MPH	0.01%	0.03	0.00	6.73	7.00	6.69	6.96
T6 Public	50 MPH	0.02%	0.19	0.01	24.87	26.78	24.75	26.65
T6 utility	50 MPH	0.00%	0.03	0.00	5.41	5.72	5.39	5.69
T6TS	50 MPH	0.17%	0.46	0.01	94.98	99.50	94.51	99.03
T7 Ag	50 MPH	0.27%	4.75	0.15	534.38	581.20	531.71	578.53
T7 CAIRP	50 MPH	1.67%	18.33	0.58	3,324.57	3,505.29	3,307.94	3,488.67
T7 CAIRP construction	50 MPH	0.04%	0.45	0.01	80.99	85.46	80.58	85.05
T7 NNOOS	50 MPH	1.87%	12.31	0.39	3,723.26	3,844.59	3,704.64	3,825.97
T7 NOOS	50 MPH	0.61%	6.68	0.21	1,210.89	1,276.70	1,204.83	1,270.65
T7 other port	50 MPH	0.03%	0.58	0.02	62.96	68.68	62.64	68.37
T7 POAK	50 MPH	0.09%	1.73	0.05	175.51	192.52	174.64	191.65
T7 POLA	50 MPH	0.14%	1.30	0.04	291.43	304.25	289.98	302.80
T7 Public	50 MPH	0.02%	0.41	0.01	45.22	49.29	44.99	49.07
T7 Single	50 MPH	0.15%	2.11	0.07	304.48	325.32	302.96	323.79
T7 single construction	50 MPH	0.10%	1.48	0.05	208.65	223.22	207.61	222.18
T7 SWCV	50 MPH	0.05%	0.72	0.02	94.03	101.17	93.56	100.70
T7 tractor	50 MPH	2.37%	34.97	1.11	4,727.08	5,071.83	4,703.45	5,048.20
T7 tractor construction	50 MPH	0.08%	1.20	0.04	156.20	168.03	155.42	167.25
T7 utility	50 MPH	0.00%	0.05	0.00	6.74	7.20	6.71	7.17
T7IS	50 MPH	0.04%	0.32	0.01	21.97	25.08	21.86	24.97
UBUS	50 MPH	0.03%	0.50	0.02	83.65	88.54	83.23	88.13

All Other Buses	55 MPH	0.07%	0.19	0.01	24.77	26.67	24.64	26.55
LDA	55 MPH	42.49%	2.55	0.08	4,423.14	4,448.32	4,148.89	4,174.07
LDT1	55 MPH	6.15%	0.94	0.03	735.45	744.74	694.37	703.66
LDT2	55 MPH	15.75%	1.84	0.06	2,239.87	2,257.96	2,141.13	2,159.22
LHD1	55 MPH	2.34%	1.97	0.06	402.65	422.03	400.64	420.02
LHD2	55 MPH	0.47%	0.55	0.02	83.09	88.48	82.67	88.07
MCY	55 MPH	0.63%	0.30	0.01	29.12	32.10	28.97	31.95
MDV	55 MPH	17.14%	2.70	0.09	3,071.52	3,098.11	2,983.77	3,010.36
MH	55 MPH	0.22%	0.21	0.01	45.08	47.15	44.85	46.92
Motor Coach	55 MPH	0.10%	0.36	0.01	52.77	56.28	52.51	56.02
OBUS	55 MPH	0.12%	0.09	0.00	19.27	20.15	19.18	20.05
PTO	55 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
SBUS	55 MPH	0.03%	0.09	0.00	10.14	11.05	10.09	11.00
T6 Ag	55 MPH	0.15%	0.44	0.01	54.68	59.06	54.41	58.79
T6 CAIRP heavy	55 MPH	0.01%	0.01	0.00	1.90	2.00	1.89	1.99
T6 CAIRP small	55 MPH	0.02%	0.03	0.00	6.34	6.59	6.31	6.56
T6 instate construction heavy	55 MPH	0.09%	0.26	0.01	30.76	33.36	30.60	33.21
T6 instate construction small	55 MPH	0.22%	0.50	0.02	78.80	83.71	78.40	83.31
T6 instate heavy	55 MPH	0.33%	0.99	0.03	118.35	128.15	117.76	127.56
T6 instate small	55 MPH	0.87%	1.88	0.06	307.59	326.08	306.05	324.54
T6 OOS heavy	55 MPH	0.00%	0.01	0.00	1.09	1.14	1.08	1.14
T6 OOS small	55 MPH	0.01%	0.01	0.00	3.63	3.78	3.62	3.76
T6 Public	55 MPH	0.04%	0.11	0.00	13.43	14.48	13.37	14.42
T6 utility	55 MPH	0.01%	0.02	0.00	2.92	3.09	2.91	3.08
T6TS	55 MPH	0.30%	0.23	0.01	49.18	51.48	48.94	51.23
T7 Ag	55 MPH	0.44%	2.17	0.07	240.17	261.59	238.97	260.39
T7 CAIRP	55 MPH	2.74%	8.25	0.26	1,494.18	1,575.52	1,486.70	1,568.05
T7 CAIRP construction	55 MPH	0.07%	0.20	0.01	36.40	38.41	36.22	38.23
T7 NNOOS	55 MPH	3.08%	5.52	0.18	1,673.36	1,727.80	1,664.99	1,719.44
T7 NOOS	55 MPH	1.00%	3.01	0.10	544.21	573.84	541.49	571.12
T7 other port	55 MPH	0.05%	0.26	0.01	28.30	30.91	28.15	30.76
T7 POAK	55 MPH	0.14%	0.79	0.03	78.88	86.65	78.49	86.26
T7 POLA	55 MPH	0.24%	0.58	0.02	130.98	136.72	130.33	136.07
T7 Public	55 MPH	0.04%	0.19	0.01	20.32	22.19	20.22	22.09
T7 Single	55 MPH	0.25%	0.97	0.03	136.84	146.38	136.16	145.69
T7 single construction	55 MPH	0.17%	0.68	0.02	93.77	100.44	93.31	99.97
T7 SWCV	55 MPH	0.08%	0.33	0.01	42.26	45.53	42.05	45.32
T7 tractor	55 MPH	3.89%	15.92	0.51	2,124.51	2,281.47	2,113.89	2,270.84
T7 tractor construction	55 MPH	0.13%	0.55	0.02	70.20	75.59	69.85	75.24
T7 utility	55 MPH	0.01%	0.02	0.00	3.03	3.24	3.02	3.22
T7IS	55 MPH	0.08%	0.18	0.01	12.77	14.52	12.70	14.46
UBUS	55 MPH	0.06%	0.27	0.01	38.83	41.45	38.63	41.25

All Other Buses	60 MPH	0.08%	0.34	0.01	42.83	46.17	42.62	45.95
LDA	60 MPH	48.38%	4.57	0.15	8,231.96	8,277.00	7,721.41	7,766.46
LDT1	60 MPH	7.00%	1.72	0.05	1,368.70	1,385.66	1,292.23	1,309.19
LDT2	60 MPH	17.93%	3.30	0.11	4,168.45	4,201.02	3,984.69	4,017.27
LHD1	60 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
LHD2	60 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
MCY	60 MPH	0.72%	0.54	0.02	54.72	60.09	54.45	59.81
MDV	60 MPH	19.51%	4.87	0.15	5,716.31	5,764.29	5,552.99	5,600.98
MH	60 MPH	0.25%	0.36	0.01	81.58	85.12	81.17	84.72
Motor Coach	60 MPH	0.03%	0.16	0.01	23.13	24.69	23.02	24.57
OBUS	60 MPH	0.13%	0.15	0.00	35.85	37.34	35.67	37.16
PTO	60 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
SBUS	60 MPH	0.02%	0.08	0.00	8.26	9.00	8.22	8.96
T6 Ag	60 MPH	0.17%	0.78	0.02	94.55	102.25	94.08	101.77
T6 CAIRP heavy	60 MPH	0.01%	0.02	0.00	3.28	3.46	3.26	3.44
T6 CAIRP small	60 MPH	0.02%	0.05	0.00	10.96	11.41	10.90	11.35
T6 instate construction heavy	60 MPH	0.10%	0.46	0.01	53.18	57.76	52.92	57.50
T6 instate construction small	60 MPH	0.25%	0.87	0.03	136.25	144.85	135.57	144.17
T6 instate heavy	60 MPH	0.38%	1.75	0.06	204.66	221.88	203.64	220.85
T6 instate small	60 MPH	0.99%	3.29	0.10	531.88	564.27	529.22	561.62
T6 OOS heavy	60 MPH	0.00%	0.01	0.00	1.88	1.98	1.87	1.97
T6 OOS small	60 MPH	0.01%	0.03	0.00	6.28	6.54	6.25	6.51
T6 Public	60 MPH	0.04%	0.19	0.01	23.23	25.07	23.11	24.96
T6 utility	60 MPH	0.01%	0.03	0.00	5.06	5.35	5.03	5.32
T6TS	60 MPH	0.32%	0.40	0.01	91.47	95.40	91.02	94.94
T7 Ag	60 MPH	0.13%	0.97	0.03	105.28	114.82	104.76	114.30
T7 CAIRP	60 MPH	0.79%	3.65	0.12	655.00	690.96	651.73	687.68
T7 CAIRP construction	60 MPH	0.02%	0.09	0.00	15.96	16.85	15.88	16.77
T7 NNOOS	60 MPH	0.89%	2.44	0.08	733.55	757.59	729.88	753.92
T7 NOOS	60 MPH	0.29%	1.33	0.04	238.57	251.66	237.37	250.47
T7 other port	60 MPH	0.01%	0.12	0.00	12.40	13.56	12.34	13.50
T7 POAK	60 MPH	0.04%	0.35	0.01	34.58	38.03	34.41	37.86
T7 POLA	60 MPH	0.07%	0.26	0.01	57.42	59.95	57.13	59.66
T7 Public	60 MPH	0.01%	0.08	0.00	8.91	9.74	8.86	9.70
T7 Single	60 MPH	0.07%	0.43	0.01	59.99	64.23	59.69	63.93
T7 single construction	60 MPH	0.05%	0.30	0.01	41.11	44.08	40.90	43.87
T7 SWCV	60 MPH	0.02%	0.15	0.00	18.53	19.98	18.43	19.89
T7 tractor	60 MPH	1.12%	7.07	0.22	931.32	1,001.05	926.67	996.39
T7 tractor construction	60 MPH	0.04%	0.24	0.01	30.77	33.17	30.62	33.02
T7 utility	60 MPH	0.00%	0.01	0.00	1.33	1.42	1.32	1.41
T7IS	60 MPH	0.02%	0.07	0.00	5.08	5.72	5.05	5.70
UBUS	60 MPH	0.09%	0.76	0.02	92.09	99.56	91.63	99.10

All Other Buses	65 MPH	0.01%	0.14	0.00	16.88	18.21	16.79	18.13
LDA	65 MPH	50.41%	11.68	0.37	22,380.07	22,495.23	20,991.59	21,106.75
LDT1	65 MPH	7.29%	4.51	0.14	3,720.87	3,765.32	3,512.96	3,557.41
LDT2	65 MPH	18.69%	8.54	0.27	11,332.24	11,416.38	10,832.66	10,916.80
LHD1	65 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
LHD2	65 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
MCY	65 MPH	0.75%	1.38	0.04	149.95	163.59	149.21	162.84
MDV	65 MPH	20.33%	12.62	0.40	15,540.62	15,665.03	15,096.61	15,221.02
MH	65 MPH	0.04%	0.14	0.00	35.73	37.12	35.55	36.95
Motor Coach	65 MPH	0.02%	0.22	0.01	31.73	33.89	31.57	33.74
OBUS	65 MPH	0.02%	0.06	0.00	16.38	16.97	16.30	16.89
PTO	65 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
SBUS	65 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T6 Ag	65 MPH	0.03%	0.31	0.01	37.26	40.34	37.08	40.15
T6 CAIRP heavy	65 MPH	0.00%	0.01	0.00	1.29	1.36	1.29	1.36
T6 CAIRP small	65 MPH	0.00%	0.02	0.00	4.32	4.50	4.30	4.48
T6 instate construction heavy	65 MPH	0.02%	0.19	0.01	20.96	22.79	20.85	22.68
T6 instate construction small	65 MPH	0.04%	0.35	0.01	53.70	57.13	53.43	56.86
T6 instate heavy	65 MPH	0.06%	0.70	0.02	80.66	87.52	80.25	87.12
T6 instate small	65 MPH	0.16%	1.31	0.04	209.62	222.55	208.57	221.50
T6 OOS heavy	65 MPH	0.00%	0.00	0.00	0.74	0.78	0.74	0.78
T6 OOS small	65 MPH	0.00%	0.01	0.00	2.48	2.58	2.46	2.57
T6 Public	65 MPH	0.01%	0.07	0.00	9.16	9.89	9.11	9.85
T6 utility	65 MPH	0.00%	0.01	0.00	1.99	2.11	1.98	2.10
T6TS	65 MPH	0.05%	0.16	0.00	41.81	43.35	41.60	43.14
T7 Ag	65 MPH	0.07%	1.35	0.04	144.41	157.68	143.69	156.95
T7 CAIRP	65 MPH	0.46%	5.08	0.16	898.44	948.48	893.94	943.99
T7 CAIRP construction	65 MPH	0.01%	0.13	0.00	21.89	23.12	21.78	23.01
T7 NNOOS	65 MPH	0.51%	3.39	0.11	1,006.18	1,039.65	1,001.15	1,034.62
T7 NOOS	65 MPH	0.17%	1.85	0.06	327.23	345.46	325.60	343.82
T7 other port	65 MPH	0.01%	0.16	0.01	17.01	18.62	16.93	18.54
T7 POAK	65 MPH	0.02%	0.49	0.02	47.43	52.23	47.19	51.99
T7 POLA	65 MPH	0.04%	0.36	0.01	78.76	82.29	78.36	81.89
T7 Public	65 MPH	0.01%	0.12	0.00	12.22	13.38	12.16	13.32
T7 Single	65 MPH	0.04%	0.60	0.02	82.28	88.17	81.87	87.76
T7 single construction	65 MPH	0.03%	0.42	0.01	56.39	60.50	56.10	60.22
T7 SWCV	65 MPH	0.01%	0.21	0.01	25.41	27.43	25.28	27.31
T7 tractor	65 MPH	0.65%	9.83	0.31	1,277.45	1,374.36	1,271.07	1,367.97
T7 tractor construction	65 MPH	0.02%	0.34	0.01	42.21	45.54	42.00	45.33
T7 utility	65 MPH	0.00%	0.01	0.00	1.82	1.95	1.81	1.94
T7IS	65 MPH	0.01%	0.09	0.00	7.96	8.85	7.92	8.81
UBUS	65 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00

All Other Buses	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
LDA	70 MPH	51.72%	0.00	0.00	1.15	1.16	1.08	1.08
LDT1	70 MPH	7.48%	0.00	0.00	0.19	0.19	0.18	0.18
LDT2	70 MPH	19.17%	0.00	0.00	0.58	0.59	0.56	0.56
LHD1	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
LHD2	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
MCY	70 MPH	0.77%	0.00	0.00	0.01	0.01	0.01	0.01
MDV	70 MPH	20.86%	0.00	0.00	0.80	0.80	0.78	0.78
MH	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
Motor Coach	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
OBUS	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
PTO	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
SBUS	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T6 Ag	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T6 CAIRP heavy	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T6 CAIRP small	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T6 instate construction heavy	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T6 instate construction small	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T6 instate heavy	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T6 instate small	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T6 OOS heavy	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T6 OOS small	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T6 Public	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T6 utility	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T6TS	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T7 Ag	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T7 CAIRP	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T7 CAIRP construction	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T7 NNOOS	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T7 NOOS	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T7 other port	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T7 POAK	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T7 POLA	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T7 Public	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T7 Single	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T7 single construction	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T7 SWCV	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T7 tractor	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T7 tractor construction	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T7 utility	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T7IS	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
UBUS	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL			**896.10**	**28.50**	**355,929.31**	**364,763.06**	**345,057.57**	**353,891.32**

N2O emissions were calculated using an off-model adjustment provided by CARB in AB 32 Technical Appendices. The off-model adjustment uses a linear regression correlating N2O with NOx. (N2O = 0.0167 + 0.0318 x NOx)

Daily vehicles miles traveled (VMT) multiplied by 347 days/year to account for reduced traffic on weekends and holidays. This assumption is consistent with the California Air Resources Board's (CARB) methodology within the Climate Change Scoping Plan Measure Documentation Supplement.

Based on the emission factors for Fresno County - San Joaquin Valley Air Basin

Year 2035 GHG Emissions (MTons/Year)

Based on EMFAC2011

	VMT Speed Bins (MPH)	Daily VMT	% of Total	Adjusted Daily VMT[1]	Adjusted Annual VMT[2]
5	0 - 5	282	0.01%	291	100,922
10	5 - 10	4,143	0.11%	4,273	1,482,697
15	10 - 15	205,132	5.40%	211,564	73,412,668
20	15 - 20	12,742	0.34%	13,142	4,560,109
25	20 - 25	35,672	0.94%	36,790	12,766,300
30	25 - 30	157,861	4.16%	162,811	56,495,316
35	30 - 35	169,925	4.47%	175,253	60,812,782
40	35 - 40	538,380	14.17%	555,261	192,675,508
45	40 - 45	844,543	22.23%	871,024	302,245,164
50	45 - 50	647,407	17.04%	667,706	231,694,106
55	50 - 55	202,547	5.33%	208,898	72,487,548
60	55 - 60	334,389	8.80%	344,874	119,671,181
65	60 - 65	645,868	17.00%	666,119	231,143,328
70	65 - 70	62	0.00%	64	22,189
	70 - 75	0	0.00%	0	0
	>75	0	0.00%	0	0
	Total	3,798,953		3,918,069	1,359,569,820
	SP	239,006		246,500	
	VMT/SP	15.89			

[1] VMT is adjusted based on per capita VMT in the Traffic Study provided by Fehr and Peers (i.e., VMT/population and employment (servic population)).

[2] Adjusted Daily vehicles miles traveled (VMT) multiplied by 347 days/year to account for reduced traffic on weekends and holidays. Thi assumption is consistent with the California Air Resources Board's (CARB) methodology within the Climate Change Scoping Plan Measure Documentation Supplement.

Emission year				GWP	GWP			
Baseline in P-2035				310	1			
Vehicle Type	**Speed**	**Percent of VMT of SpeedBin**	**NOx**	**N_2O**	**CO_2**	**CO_2e**	**CO_2w/Pavley + LCF**	**CO_2e w/ Pavley + LCFS**
All Other Buses	05 MPH	0.25%	0.00	0	0.66	1	0.59	1
LDA	05 MPH	1.05%	0.00	0.00	1.20	1.20	0.71	0.71
LDT1	05 MPH	0.16%	0.00	0.00	0.21	0.21	0.13	0.13
LDT2	05 MPH	0.39%	0.00	0.00	0.60	0.60	0.41	0.41
LHD1	05 MPH	59.98%	0.04	0.00	106.35	106.72	95.72	96.08
LHD2	05 MPH	8.69%	0.01	0.00	11.24	11.32	10.12	10.19
MCY	05 MPH	0.02%	0.00	0.00	0.00	0.00	0.00	0.00
MDV	05 MPH	0.40%	0.00	0.00	0.79	0.79	0.55	0.55
MH	05 MPH	0.90%	0.00	0.00	2.28	2.30	2.05	2.07
Motor Coach	05 MPH	0.12%	0.00	0.00	0.47	0.48	0.42	0.43
OBUS	05 MPH	0.46%	0.00	0.00	1.16	1.16	1.04	1.04
PTO	05 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
SBUS	05 MPH	0.35%	0.00	0.00	0.91	0.94	0.82	0.85
T6 Ag	05 MPH	0.35%	0.00	0.00	0.91	0.92	0.82	0.83
T6 CAIRP heavy	05 MPH	0.02%	0.00	0.00	0.05	0.05	0.04	0.04
T6 CAIRP small	05 MPH	0.06%	0.00	0.00	0.16	0.16	0.15	0.15
T6 instate construction heavy	05 MPH	0.57%	0.00	0.00	1.47	1.49	1.32	1.35
T6 instate construction smal	05 MPH	1.56%	0.01	0.00	4.03	4.08	3.63	3.68
T6 instate heavy	05 MPH	1.34%	0.01	0.00	3.46	3.51	3.11	3.16
T6 instate small	05 MPH	3.65%	0.01	0.00	9.42	9.54	8.48	8.60
T6 OOS heavy	05 MPH	0.01%	0.00	0.00	0.03	0.03	0.02	0.02
T6 OOS small	05 MPH	0.04%	0.00	0.00	0.09	0.09	0.08	0.08
T6 Public	05 MPH	0.15%	0.00	0.00	0.38	0.39	0.34	0.35
T6 utility	05 MPH	0.04%	0.00	0.00	0.10	0.10	0.09	0.09
T6TS	05 MPH	1.47%	0.00	0.00	3.74	3.74	3.37	3.37
T7 Ag	05 MPH	0.33%	0.00	0.00	1.30	1.32	1.17	1.19
T7 CAIRP	05 MPH	3.64%	0.03	0.00	14.55	14.80	13.10	13.34
T7 CAIRP construction	05 MPH	0.15%	0.00	0.00	0.60	0.61	0.54	0.55
T7 NNOOS	05 MPH	4.10%	0.02	0.00	16.37	16.59	14.73	14.96
T7 NOOS	05 MPH	1.33%	0.01	0.00	5.30	5.39	4.77	4.86
T7 other port	05 MPH	0.06%	0.00	0.00	0.24	0.24	0.21	0.22
T7 POAK	05 MPH	0.37%	0.00	0.00	1.47	1.50	1.32	1.36
T7 POLA	05 MPH	0.60%	0.01	0.00	2.41	2.46	2.17	2.22
T7 Public	05 MPH	0.05%	0.00	0.00	0.19	0.19	0.17	0.17
T7 Single	05 MPH	0.34%	0.00	0.00	1.34	1.35	1.20	1.22
T7 single construction	05 MPH	0.39%	0.00	0.00	1.54	1.56	1.39	1.41
T7 SWCV	05 MPH	0.10%	0.00	0.00	0.38	0.39	0.35	0.35
T7 tractor	05 MPH	5.18%	0.04	0.00	20.68	21.04	18.62	18.97
T7 tractor construction	05 MPH	0.29%	0.00	0.00	1.15	1.17	1.04	1.06
T7 utility	05 MPH	0.01%	0.00	0.00	0.03	0.03	0.03	0.03
T7IS	05 MPH	0.07%	0.00	0.00	0.18	0.18	0.16	0.17
UBUS	05 MPH	1.00%	0.01	0.00	2.39	2.48	2.15	2.24

All Other Buses	10 MPH	0.30%	0.01	0.00	9.42	9.55	8.48	8.61
LDA	10 MPH	12.82%	0.02	0.00	158.45	158.63	94.24	94.42
LDT1	10 MPH	1.90%	0.00	0.00	27.30	27.33	16.62	16.65
LDT2	10 MPH	4.73%	0.01	0.00	79.52	79.60	54.02	54.10
LHD1	10 MPH	39.87%	0.33	0.01	863.49	866.76	777.14	780.41
LHD2	10 MPH	6.11%	0.07	0.00	99.58	100.28	89.63	90.32
MCY	10 MPH	0.20%	0.00	0.00	0.72	0.75	0.64	0.68
MDV	10 MPH	4.86%	0.01	0.00	104.60	104.71	72.76	72.87
MH	10 MPH	1.08%	0.03	0.00	32.92	33.18	29.62	29.89
Motor Coach	10 MPH	0.11%	0.01	0.00	5.16	5.23	4.64	4.71
OBUS	10 MPH	0.54%	0.00	0.00	16.39	16.40	14.75	14.76
PTO	10 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
SBUS	10 MPH	0.29%	0.03	0.00	9.14	9.40	8.22	8.49
T6 Ag	10 MPH	0.41%	0.02	0.00	13.01	13.19	11.71	11.88
T6 CAIRP heavy	10 MPH	0.02%	0.00	0.00	0.67	0.68	0.61	0.61
T6 CAIRP small	10 MPH	0.07%	0.00	0.00	2.33	2.35	2.09	2.12
T6 instate construction heavy	10 MPH	0.67%	0.03	0.00	21.08	21.36	18.97	19.25
T6 instate construction small	10 MPH	1.84%	0.07	0.00	57.68	58.34	51.91	52.57
T6 instate heavy	10 MPH	1.58%	0.07	0.00	49.50	50.16	44.55	45.21
T6 instate small	10 MPH	4.30%	0.16	0.00	134.91	136.45	121.42	122.96
T6 OOS heavy	10 MPH	0.01%	0.00	0.00	0.39	0.39	0.35	0.35
T6 OOS small	10 MPH	0.04%	0.00	0.00	1.33	1.35	1.20	1.21
T6 Public	10 MPH	0.17%	0.01	0.00	5.45	5.52	4.90	4.97
T6 utility	10 MPH	0.05%	0.00	0.00	1.42	1.43	1.27	1.28
T6TS	10 MPH	1.76%	0.00	0.00	53.02	53.06	47.72	47.75
T7 Ag	10 MPH	0.29%	0.02	0.00	14.28	14.49	12.85	13.06
T7 CAIRP	10 MPH	3.30%	0.25	0.01	159.89	162.37	143.90	146.38
T7 CAIRP construction	10 MPH	0.14%	0.01	0.00	6.56	6.66	5.91	6.01
T7 NNOOS	10 MPH	3.71%	0.23	0.01	179.87	182.11	161.89	164.12
T7 NOOS	10 MPH	1.20%	0.09	0.00	58.23	59.13	52.41	53.31
T7 other port	10 MPH	0.05%	0.01	0.00	2.60	2.65	2.34	2.39
T7 POAK	10 MPH	0.33%	0.03	0.00	16.15	16.48	14.54	14.87
T7 POLA	10 MPH	0.55%	0.05	0.00	26.48	27.02	23.84	24.37
T7 Public	10 MPH	0.04%	0.00	0.00	2.04	2.09	1.84	1.89
T7 Single	10 MPH	0.30%	0.02	0.00	14.70	14.86	13.23	13.39
T7 single construction	10 MPH	0.35%	0.02	0.00	16.97	17.15	15.28	15.46
T7 SWCV	10 MPH	0.09%	0.00	0.00	4.22	4.27	3.80	3.85
T7 tractor	10 MPH	4.69%	0.36	0.01	227.27	230.81	204.55	208.08
T7 tractor construction	10 MPH	0.26%	0.02	0.00	12.66	12.85	11.39	11.59
T7 utility	10 MPH	0.01%	0.00	0.00	0.37	0.37	0.33	0.33
T7IS	10 MPH	0.08%	0.00	0.00	2.49	2.54	2.24	2.29
UBUS	10 MPH	0.85%	0.10	0.00	28.13	29.10	25.32	26.29

All Other Buses	15 MPH	0.26%	0.43	0.01	331.76	336.03	298.59	302.85
LDA	15 MPH	4.91%	0.29	0.01	2,325.96	2,328.86	1,383.40	1,386.30
LDT1	15 MPH	0.73%	0.05	0.00	400.59	401.08	243.92	244.41
LDT2	15 MPH	1.81%	0.13	0.00	1,166.88	1,168.20	792.79	794.10
LHD1	15 MPH	57.35%	20.46	0.65	44,673.61	44,875.32	40,206.24	40,407.96
LHD2	15 MPH	8.68%	4.24	0.13	5,439.04	5,480.80	4,895.14	4,936.90
MCY	15 MPH	0.08%	0.07	0.00	11.47	12.11	10.32	10.96
MDV	15 MPH	1.86%	0.19	0.01	1,534.91	1,536.74	1,067.69	1,069.52
MH	15 MPH	0.88%	0.83	0.03	948.50	956.67	853.65	861.82
Motor Coach	15 MPH	0.08%	0.21	0.01	164.54	166.58	148.09	150.13
OBUS	15 MPH	0.44%	0.05	0.00	449.98	450.44	404.99	405.44
PTO	15 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
SBUS	15 MPH	0.37%	1.30	0.04	451.05	463.88	405.94	418.77
T6 Ag	15 MPH	0.36%	0.57	0.02	458.24	463.84	412.41	418.02
T6 CAIRP heavy	15 MPH	0.02%	0.02	0.00	23.68	23.92	21.31	21.55
T6 CAIRP small	15 MPH	0.06%	0.08	0.00	81.98	82.73	73.78	74.54
T6 instate construction heavy	15 MPH	0.58%	0.91	0.03	742.33	751.31	668.10	677.08
T6 instate construction small	15 MPH	1.59%	2.16	0.07	2,031.36	2,052.64	1,828.22	1,849.50
T6 instate heavy	15 MPH	1.37%	2.14	0.07	1,743.32	1,764.46	1,568.99	1,590.13
T6 instate small	15 MPH	3.73%	5.05	0.16	4,751.25	4,801.07	4,276.13	4,325.94
T6 OOS heavy	15 MPH	0.01%	0.01	0.00	13.58	13.71	12.22	12.35
T6 OOS small	15 MPH	0.04%	0.04	0.00	47.00	47.43	42.30	42.73
T6 Public	15 MPH	0.15%	0.23	0.01	191.78	194.01	172.60	174.84
T6 utility	15 MPH	0.04%	0.03	0.00	49.87	50.21	44.88	45.22
T6TS	15 MPH	1.42%	0.14	0.00	1,455.64	1,456.98	1,310.08	1,311.41
T7 Ag	15 MPH	0.23%	0.62	0.02	455.61	461.73	410.05	416.17
T7 CAIRP	15 MPH	2.59%	7.34	0.23	5,102.81	5,175.20	4,592.53	4,664.92
T7 CAIRP construction	15 MPH	0.11%	0.30	0.01	209.41	212.38	188.47	191.44
T7 NNOOS	15 MPH	2.91%	6.63	0.21	5,740.47	5,805.78	5,166.42	5,231.74
T7 NOOS	15 MPH	0.94%	2.67	0.09	1,858.31	1,884.68	1,672.48	1,698.84
T7 other port	15 MPH	0.04%	0.16	0.00	82.88	84.41	74.59	76.12
T7 POAK	15 MPH	0.26%	0.97	0.03	515.56	525.11	464.00	473.55
T7 POLA	15 MPH	0.43%	1.59	0.05	845.18	860.84	760.67	776.32
T7 Public	15 MPH	0.03%	0.13	0.00	65.20	66.53	58.68	60.01
T7 Single	15 MPH	0.24%	0.46	0.01	469.24	473.79	422.32	426.86
T7 single construction	15 MPH	0.27%	0.53	0.02	541.73	546.98	487.56	492.80
T7 SWCV	15 MPH	0.07%	0.14	0.00	134.68	136.06	121.21	122.59
T7 tractor	15 MPH	3.68%	10.49	0.33	7,253.17	7,356.62	6,527.85	6,631.30
T7 tractor construction	15 MPH	0.21%	0.59	0.02	403.91	409.69	363.52	369.29
T7 utility	15 MPH	0.01%	0.01	0.00	11.69	11.77	10.52	10.60
T7IS	15 MPH	0.06%	0.16	0.01	59.11	60.71	53.20	54.79
UBUS	15 MPH	1.10%	5.00	0.16	1,638.68	1,687.99	1,474.82	1,524.12

All Other Buses	20 MPH	0.06%	0.00	0.00	3.63	3.67	3.26	3.31
LDA	20 MPH	39.28%	0.13	0.00	920.46	921.75	547.46	548.75
LDT1	20 MPH	5.82%	0.02	0.00	158.54	158.76	96.53	96.75
LDT2	20 MPH	14.49%	0.06	0.00	461.78	462.36	313.74	314.32
LHD1	20 MPH	13.71%	0.27	0.01	513.58	516.27	462.22	464.91
LHD2	20 MPH	2.05%	0.05	0.00	65.98	66.52	59.38	59.92
MCY	20 MPH	0.61%	0.03	0.00	4.97	5.28	4.47	4.79
MDV	20 MPH	14.89%	0.08	0.00	607.44	608.25	422.54	423.35
MH	20 MPH	0.19%	0.01	0.00	9.60	9.69	8.64	8.73
Motor Coach	20 MPH	0.04%	0.00	0.00	3.71	3.76	3.34	3.39
OBUS	20 MPH	0.10%	0.00	0.00	4.41	4.41	3.97	3.97
PTO	20 MPH	0.71%	0.06	0.00	68.64	69.27	61.77	62.41
SBUS	20 MPH	0.11%	0.02	0.00	6.16	6.33	5.54	5.72
T6 Ag	20 MPH	0.08%	0.01	0.00	5.01	5.07	4.51	4.57
T6 CAIRP heavy	20 MPH	0.00%	0.00	0.00	0.26	0.26	0.23	0.24
T6 CAIRP small	20 MPH	0.01%	0.00	0.00	0.90	0.90	0.81	0.81
T6 instate construction heavy	20 MPH	0.13%	0.01	0.00	8.11	8.21	7.30	7.40
T6 instate construction small	20 MPH	0.36%	0.02	0.00	22.20	22.43	19.98	20.21
T6 instate heavy	20 MPH	0.31%	0.02	0.00	19.06	19.28	17.15	17.37
T6 instate small	20 MPH	0.83%	0.05	0.00	51.93	52.46	46.74	47.26
T6 OOS heavy	20 MPH	0.00%	0.00	0.00	0.15	0.15	0.13	0.13
T6 OOS small	20 MPH	0.01%	0.00	0.00	0.51	0.52	0.46	0.47
T6 Public	20 MPH	0.03%	0.00	0.00	2.10	2.12	1.89	1.91
T6 utility	20 MPH	0.01%	0.00	0.00	0.55	0.55	0.49	0.49
T6TS	20 MPH	0.31%	0.00	0.00	14.25	14.27	12.83	12.85
T7 Ag	20 MPH	0.11%	0.01	0.00	10.28	10.41	9.25	9.39
T7 CAIRP	20 MPH	1.19%	0.16	0.01	115.15	116.72	103.64	105.20
T7 CAIRP construction	20 MPH	0.05%	0.01	0.00	4.73	4.79	4.25	4.32
T7 NNOOS	20 MPH	1.34%	0.14	0.00	129.54	130.96	116.59	118.00
T7 NOOS	20 MPH	0.43%	0.06	0.00	41.94	42.51	37.74	38.31
T7 other port	20 MPH	0.02%	0.00	0.00	1.87	1.90	1.68	1.72
T7 POAK	20 MPH	0.12%	0.02	0.00	11.63	11.84	10.47	10.68
T7 POLA	20 MPH	0.20%	0.03	0.00	19.07	19.41	17.17	17.50
T7 Public	20 MPH	0.02%	0.00	0.00	1.47	1.50	1.32	1.35
T7 Single	20 MPH	0.11%	0.01	0.00	10.59	10.69	9.53	9.63
T7 single construction	20 MPH	0.13%	0.01	0.00	12.23	12.34	11.00	11.12
T7 SWCV	20 MPH	0.03%	0.00	0.00	3.04	3.07	2.74	2.77
T7 tractor	20 MPH	1.70%	0.23	0.01	163.68	165.92	147.31	149.55
T7 tractor construction	20 MPH	0.09%	0.01	0.00	9.11	9.24	8.20	8.33
T7 utility	20 MPH	0.00%	0.00	0.00	0.26	0.27	0.24	0.24
T7IS	20 MPH	0.02%	0.00	0.00	0.95	0.99	0.86	0.90
UBUS	20 MPH	0.30%	0.07	0.00	26.71	27.42	24.04	24.75

All Other Buses	25 MPH	0.15%	0.03	0.00	24.05	24.34	21.65	21.93
LDA	25 MPH	23.36%	0.20	0.01	1,276.19	1,278.15	759.04	761.00
LDT1	25 MPH	3.46%	0.03	0.00	219.75	220.09	133.81	134.14
LDT2	25 MPH	8.62%	0.09	0.00	640.08	640.96	434.87	435.76
LHD1	25 MPH	28.80%	1.50	0.05	2,476.48	2,491.24	2,228.83	2,243.59
LHD2	25 MPH	4.65%	0.32	0.01	365.07	368.22	328.56	331.71
MCY	25 MPH	0.36%	0.05	0.00	7.43	7.94	6.69	7.20
MDV	25 MPH	8.85%	0.12	0.00	841.96	843.19	585.67	586.90
MH	25 MPH	0.52%	0.06	0.00	57.41	58.01	51.67	52.27
Motor Coach	25 MPH	0.10%	0.03	0.00	24.40	24.67	21.96	22.24
OBUS	25 MPH	0.26%	0.01	0.00	25.58	25.63	23.02	23.07
PTO	25 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
SBUS	25 MPH	0.41%	0.17	0.01	58.91	60.60	53.02	54.71
T6 Ag	25 MPH	0.20%	0.04	0.00	33.22	33.60	29.90	30.28
T6 CAIRP heavy	25 MPH	0.01%	0.00	0.00	1.72	1.73	1.55	1.56
T6 CAIRP small	25 MPH	0.04%	0.01	0.00	5.94	5.99	5.35	5.40
T6 instate construction heavy	25 MPH	0.33%	0.06	0.00	53.82	54.42	48.44	49.04
T6 instate construction small	25 MPH	0.90%	0.14	0.00	147.28	148.70	132.55	133.97
T6 instate heavy	25 MPH	0.77%	0.14	0.00	126.40	127.81	113.76	115.17
T6 instate small	25 MPH	2.11%	0.34	0.01	344.49	347.81	310.04	313.36
T6 OOS heavy	25 MPH	0.01%	0.00	0.00	0.98	0.99	0.89	0.90
T6 OOS small	25 MPH	0.02%	0.00	0.00	3.41	3.44	3.07	3.10
T6 Public	25 MPH	0.09%	0.02	0.00	13.90	14.06	12.51	12.67
T6 utility	25 MPH	0.02%	0.00	0.00	3.62	3.64	3.25	3.28
T6TS	25 MPH	0.84%	0.02	0.00	82.75	82.90	74.48	74.63
T7 Ag	25 MPH	0.27%	0.08	0.00	67.55	68.39	60.80	61.63
T7 CAIRP	25 MPH	3.00%	1.00	0.03	756.58	766.46	680.92	690.80
T7 CAIRP construction	25 MPH	0.12%	0.04	0.00	31.05	31.45	27.94	28.35
T7 NNOOS	25 MPH	3.38%	0.90	0.03	851.13	860.04	766.01	774.93
T7 NOOS	25 MPH	1.09%	0.37	0.01	275.53	279.13	247.98	251.57
T7 other port	25 MPH	0.05%	0.02	0.00	12.29	12.50	11.06	11.27
T7 POAK	25 MPH	0.30%	0.13	0.00	76.44	77.74	68.80	70.10
T7 POLA	25 MPH	0.50%	0.22	0.01	125.31	127.45	112.78	114.92
T7 Public	25 MPH	0.04%	0.02	0.00	9.67	9.86	8.70	8.89
T7 Single	25 MPH	0.28%	0.06	0.00	69.57	70.19	62.62	63.24
T7 single construction	25 MPH	0.32%	0.07	0.00	80.32	81.04	72.29	73.00
T7 SWCV	25 MPH	0.08%	0.02	0.00	19.97	20.16	17.97	18.16
T7 tractor	25 MPH	4.26%	1.43	0.05	1,075.41	1,089.53	967.87	981.99
T7 tractor construction	25 MPH	0.24%	0.08	0.00	59.89	60.68	53.90	54.69
T7 utility	25 MPH	0.01%	0.00	0.00	1.73	1.74	1.56	1.57
T7IS	25 MPH	0.07%	0.04	0.00	6.49	6.83	5.84	6.18
UBUS	25 MPH	1.12%	0.66	0.02	264.77	271.30	238.30	244.83

All Other Buses	30 MPH	0.10%	0.08	0.00	65.31	66.05	58.78	59.52
LDA	30 MPH	34.63%	1.21	0.04	7,200.00	7,211.93	4,282.35	4,294.28
LDT1	30 MPH	5.13%	0.20	0.01	1,239.75	1,241.77	754.88	756.90
LDT2	30 MPH	12.78%	0.55	0.02	3,610.79	3,616.19	2,453.20	2,458.59
LHD1	30 MPH	13.61%	2.99	0.10	4,469.27	4,498.78	4,022.34	4,051.86
LHD2	30 MPH	2.18%	0.63	0.02	685.07	691.23	616.56	622.73
MCY	30 MPH	0.54%	0.34	0.01	45.13	48.46	40.61	43.95
MDV	30 MPH	13.13%	0.76	0.02	4,749.76	4,757.21	3,303.96	3,311.41
MH	30 MPH	0.32%	0.16	0.00	132.95	134.48	119.65	121.18
Motor Coach	30 MPH	0.09%	0.10	0.00	93.01	94.03	83.71	84.73
OBUS	30 MPH	0.16%	0.01	0.00	56.12	56.27	50.51	50.65
PTO	30 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
SBUS	30 MPH	0.27%	0.45	0.01	154.43	158.85	138.99	143.41
T6 Ag	30 MPH	0.13%	0.10	0.00	90.21	91.19	81.19	82.17
T6 CAIRP heavy	30 MPH	0.01%	0.00	0.00	4.66	4.70	4.20	4.24
T6 CAIRP small	30 MPH	0.02%	0.01	0.00	16.14	16.27	14.52	14.66
T6 instate construction heavy	30 MPH	0.22%	0.16	0.01	146.14	147.70	131.52	133.09
T6 instate construction small	30 MPH	0.59%	0.38	0.01	399.90	403.61	359.91	363.62
T6 instate heavy	30 MPH	0.51%	0.37	0.01	343.20	346.88	308.88	312.56
T6 instate small	30 MPH	1.38%	0.88	0.03	935.35	944.03	841.82	850.49
T6 OOS heavy	30 MPH	0.00%	0.00	0.00	2.67	2.70	2.41	2.43
T6 OOS small	30 MPH	0.01%	0.01	0.00	9.25	9.33	8.33	8.40
T6 Public	30 MPH	0.06%	0.04	0.00	37.75	38.16	33.98	34.38
T6 utility	30 MPH	0.01%	0.01	0.00	9.82	9.88	8.84	8.89
T6TS	30 MPH	0.52%	0.04	0.00	181.54	181.97	163.39	163.82
T7 Ag	30 MPH	0.25%	0.31	0.01	257.53	260.59	231.78	234.84
T7 CAIRP	30 MPH	2.75%	3.67	0.12	2,884.34	2,920.53	2,595.91	2,632.09
T7 CAIRP construction	30 MPH	0.11%	0.15	0.00	118.37	119.86	106.53	108.02
T7 NNOOS	30 MPH	3.10%	3.31	0.11	3,244.78	3,277.43	2,920.30	2,952.95
T7 NOOS	30 MPH	1.00%	1.34	0.04	1,050.40	1,063.58	945.36	958.54
T7 other port	30 MPH	0.04%	0.08	0.00	46.85	47.61	42.16	42.93
T7 POAK	30 MPH	0.28%	0.48	0.02	291.42	296.19	262.28	267.05
T7 POLA	30 MPH	0.46%	0.79	0.03	477.74	485.56	429.96	437.79
T7 Public	30 MPH	0.03%	0.07	0.00	36.85	37.58	33.17	33.89
T7 Single	30 MPH	0.25%	0.23	0.01	265.24	267.51	238.71	240.99
T7 single construction	30 MPH	0.29%	0.27	0.01	306.21	308.83	275.59	278.21
T7 SWCV	30 MPH	0.07%	0.07	0.00	76.13	76.82	68.51	69.21
T7 tractor	30 MPH	3.91%	5.25	0.17	4,099.82	4,151.54	3,689.84	3,741.56
T7 tractor construction	30 MPH	0.22%	0.29	0.01	228.31	231.20	205.48	208.36
T7 utility	30 MPH	0.01%	0.00	0.00	6.61	6.65	5.95	5.99
T7IS	30 MPH	0.07%	0.16	0.01	22.98	24.57	20.68	22.27
UBUS	30 MPH	0.76%	1.85	0.06	778.81	797.06	700.93	719.18

All Other Buses	35 MPH	0.06%	0.04	0.00	38.40	38.82	34.56	34.98
LDA	35 MPH	43.09%	1.53	0.05	8,603.07	8,618.10	5,116.88	5,131.91
LDT1	35 MPH	6.39%	0.26	0.01	1,481.26	1,483.81	901.94	904.48
LDT2	35 MPH	15.90%	0.69	0.02	4,313.94	4,320.74	2,930.93	2,937.72
LHD1	35 MPH	2.87%	0.67	0.02	914.38	921.03	822.94	829.59
LHD2	35 MPH	0.50%	0.15	0.00	157.99	159.48	142.19	143.68
MCY	35 MPH	0.67%	0.46	0.01	57.65	62.15	51.88	56.38
MDV	35 MPH	16.33%	0.95	0.03	5,674.81	5,684.20	3,947.44	3,956.83
MH	35 MPH	0.19%	0.09	0.00	76.00	76.94	68.40	69.34
Motor Coach	35 MPH	0.08%	0.09	0.00	83.43	84.32	75.09	75.97
OBUS	35 MPH	0.10%	0.01	0.00	31.34	31.44	28.20	28.30
PTO	35 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
SBUS	35 MPH	0.13%	0.22	0.01	77.44	79.63	69.70	71.89
T6 Ag	35 MPH	0.08%	0.06	0.00	53.04	53.59	47.74	48.29
T6 CAIRP heavy	35 MPH	0.00%	0.00	0.00	2.74	2.76	2.47	2.49
T6 CAIRP small	35 MPH	0.01%	0.01	0.00	9.49	9.56	8.54	8.61
T6 instate construction heavy	35 MPH	0.12%	0.09	0.00	85.93	86.81	77.33	78.22
T6 instate construction small	35 MPH	0.34%	0.21	0.01	235.13	237.23	211.62	213.72
T6 instate heavy	35 MPH	0.29%	0.21	0.01	201.79	203.87	181.61	183.69
T6 instate small	35 MPH	0.80%	0.50	0.02	549.97	554.87	494.97	499.87
T6 OOS heavy	35 MPH	0.00%	0.00	0.00	1.57	1.58	1.41	1.43
T6 OOS small	35 MPH	0.01%	0.00	0.00	5.44	5.48	4.90	4.94
T6 Public	35 MPH	0.03%	0.02	0.00	22.20	22.43	19.98	20.21
T6 utility	35 MPH	0.01%	0.00	0.00	5.77	5.81	5.20	5.23
T6TS	35 MPH	0.32%	0.03	0.00	101.38	101.67	91.24	91.53
T7 Ag	35 MPH	0.22%	0.27	0.01	231.03	233.67	207.93	210.56
T7 CAIRP	35 MPH	2.43%	3.17	0.10	2,587.51	2,618.74	2,328.76	2,359.99
T7 CAIRP construction	35 MPH	0.10%	0.13	0.00	106.19	107.47	95.57	96.85
T7 NNOOS	35 MPH	2.73%	2.86	0.09	2,910.85	2,939.03	2,619.76	2,647.94
T7 NOOS	35 MPH	0.88%	1.15	0.04	942.30	953.68	848.07	859.45
T7 other port	35 MPH	0.04%	0.07	0.00	42.03	42.69	37.82	38.48
T7 POAK	35 MPH	0.25%	0.42	0.01	261.43	265.55	235.28	239.40
T7 POLA	35 MPH	0.40%	0.68	0.02	428.57	435.32	385.71	392.47
T7 Public	35 MPH	0.03%	0.07	0.00	33.06	33.72	29.76	30.41
T7 Single	35 MPH	0.22%	0.20	0.01	237.94	239.90	214.15	216.11
T7 single construction	35 MPH	0.26%	0.23	0.01	274.70	276.96	247.23	249.49
T7 SWCV	35 MPH	0.06%	0.06	0.00	68.29	68.90	61.46	62.07
T7 tractor	35 MPH	3.45%	4.53	0.14	3,677.90	3,722.53	3,310.11	3,354.74
T7 tractor construction	35 MPH	0.19%	0.25	0.01	204.81	207.30	184.33	186.82
T7 utility	35 MPH	0.01%	0.00	0.00	5.93	5.96	5.33	5.37
T7IS	35 MPH	0.06%	0.16	0.00	18.36	19.91	16.53	18.07
UBUS	35 MPH	0.36%	0.93	0.03	396.55	405.69	356.89	366.04

All Other Buses	40 MPH	0.05%	0.12	0.00	108.67	109.82	97.81	98.95
LDA	40 MPH	46.21%	4.97	0.16	27,015.75	27,064.72	16,068.32	16,117.29
LDT1	40 MPH	6.85%	0.84	0.03	4,651.62	4,659.91	2,832.37	2,840.66
LDT2	40 MPH	17.05%	2.25	0.07	13,546.03	13,568.17	9,203.29	9,225.44
LHD1	40 MPH	0.88%	0.67	0.02	838.15	844.79	754.33	760.97
LHD2	40 MPH	0.18%	0.17	0.01	169.99	171.68	152.99	154.68
MCY	40 MPH	0.72%	1.58	0.05	192.80	208.38	173.52	189.10
MDV	40 MPH	17.52%	3.10	0.10	17,819.93	17,850.54	12,395.72	12,426.33
MH	40 MPH	0.18%	0.27	0.01	207.34	209.97	186.61	189.24
Motor Coach	40 MPH	0.06%	0.19	0.01	179.50	181.33	161.55	163.38
OBUS	40 MPH	0.09%	0.03	0.00	83.90	84.21	75.51	75.82
PTO	40 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
SBUS	40 MPH	0.07%	0.33	0.01	117.91	121.19	106.12	109.40
T6 Ag	40 MPH	0.07%	0.15	0.00	150.10	151.61	135.09	136.60
T6 CAIRP heavy	40 MPH	0.00%	0.01	0.00	7.76	7.82	6.98	7.04
T6 CAIRP small	40 MPH	0.01%	0.02	0.00	26.85	27.06	24.17	24.37
T6 instate construction heavy	40 MPH	0.12%	0.25	0.01	243.16	245.57	218.84	221.26
T6 instate construction small	40 MPH	0.32%	0.58	0.02	665.39	671.12	598.85	604.58
T6 instate heavy	40 MPH	0.27%	0.58	0.02	571.04	576.73	513.94	519.63
T6 instate small	40 MPH	0.75%	1.36	0.04	1,556.32	1,569.73	1,400.69	1,414.10
T6 OOS heavy	40 MPH	0.00%	0.00	0.00	4.45	4.48	4.00	4.04
T6 OOS small	40 MPH	0.01%	0.01	0.00	15.40	15.51	13.86	13.97
T6 Public	40 MPH	0.03%	0.06	0.00	62.82	63.46	56.54	57.18
T6 utility	40 MPH	0.01%	0.01	0.00	16.34	16.43	14.70	14.79
T6TS	40 MPH	0.30%	0.09	0.00	271.40	272.30	244.26	245.16
T7 Ag	40 MPH	0.15%	0.56	0.02	497.03	502.51	447.32	452.80
T7 CAIRP	40 MPH	1.73%	6.58	0.21	5,566.64	5,631.52	5,009.97	5,074.85
T7 CAIRP construction	40 MPH	0.07%	0.27	0.01	228.45	231.11	205.60	208.27
T7 NNOOS	40 MPH	1.94%	5.94	0.19	6,262.25	6,320.80	5,636.03	5,694.57
T7 NOOS	40 MPH	0.63%	2.40	0.08	2,027.23	2,050.86	1,824.50	1,848.13
T7 other port	40 MPH	0.03%	0.14	0.00	90.41	91.79	81.37	82.75
T7 POAK	40 MPH	0.17%	0.87	0.03	562.42	570.98	506.18	514.74
T7 POLA	40 MPH	0.29%	1.42	0.05	922.01	936.04	829.81	843.84
T7 Public	40 MPH	0.02%	0.14	0.00	71.13	72.55	64.01	65.44
T7 Single	40 MPH	0.16%	0.41	0.01	511.90	515.97	460.71	464.78
T7 single construction	40 MPH	0.18%	0.48	0.02	590.97	595.67	531.87	536.58
T7 SWCV	40 MPH	0.05%	0.13	0.00	146.92	148.19	132.23	133.50
T7 tractor	40 MPH	2.45%	9.41	0.30	7,912.45	8,005.18	7,121.21	7,213.93
T7 tractor construction	40 MPH	0.14%	0.53	0.02	440.62	445.80	396.56	401.74
T7 utility	40 MPH	0.00%	0.01	0.00	12.75	12.82	11.47	11.55
T7IS	40 MPH	0.04%	0.34	0.01	34.43	37.78	30.98	34.33
UBUS	40 MPH	0.20%	1.62	0.05	677.04	692.98	609.34	625.27

All Other Buses	45 MPH	0.04%	0.14	0.00	131.73	133.08	118.56	119.91
LDA	45 MPH	44.87%	7.34	0.23	39,647.96	39,720.35	23,581.71	23,654.10
LDT1	45 MPH	6.65%	1.24	0.04	6,825.58	6,837.85	4,156.08	4,168.35
LDT2	45 MPH	16.56%	3.32	0.11	19,875.67	19,908.40	13,503.70	13,536.43
LHD1	45 MPH	0.99%	1.22	0.04	1,423.01	1,435.07	1,280.71	1,292.77
LHD2	45 MPH	0.19%	0.30	0.01	284.38	287.38	255.94	258.94
MCY	45 MPH	0.70%	2.46	0.08	298.53	322.76	268.68	292.91
MDV	45 MPH	17.01%	4.60	0.15	26,146.67	26,191.98	18,187.86	18,233.17
MH	45 MPH	0.16%	0.35	0.01	272.53	276.01	245.28	248.75
Motor Coach	45 MPH	0.08%	0.37	0.01	372.01	375.70	334.81	338.50
OBUS	45 MPH	0.08%	0.05	0.00	111.69	112.14	100.52	100.97
PTO	45 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
SBUS	45 MPH	0.03%	0.23	0.01	83.53	85.81	75.18	77.46
T6 Ag	45 MPH	0.06%	0.18	0.01	181.95	183.73	163.75	165.53
T6 CAIRP heavy	45 MPH	0.00%	0.01	0.00	9.40	9.48	8.46	8.54
T6 CAIRP small	45 MPH	0.01%	0.02	0.00	32.55	32.79	29.30	29.54
T6 instate construction heavy	45 MPH	0.09%	0.29	0.01	294.75	297.60	265.27	268.12
T6 instate construction small	45 MPH	0.26%	0.68	0.02	806.57	813.32	725.91	732.66
T6 instate heavy	45 MPH	0.22%	0.68	0.02	692.20	698.91	622.98	629.69
T6 instate small	45 MPH	0.60%	1.60	0.05	1,886.53	1,902.33	1,697.88	1,713.68
T6 OOS heavy	45 MPH	0.00%	0.00	0.00	5.39	5.43	4.85	4.89
T6 OOS small	45 MPH	0.01%	0.01	0.00	18.66	18.80	16.80	16.93
T6 Public	45 MPH	0.02%	0.08	0.00	76.15	76.91	68.53	69.30
T6 utility	45 MPH	0.01%	0.01	0.00	19.80	19.91	17.82	17.93
T6TS	45 MPH	0.26%	0.13	0.00	361.31	362.62	325.18	326.49
T7 Ag	45 MPH	0.21%	1.12	0.04	1,030.10	1,041.14	927.09	938.13
T7 CAIRP	45 MPH	2.36%	13.26	0.42	11,536.96	11,667.67	10,383.26	10,513.98
T7 CAIRP construction	45 MPH	0.10%	0.54	0.02	473.46	478.83	426.12	431.48
T7 NNOOS	45 MPH	2.66%	11.97	0.38	12,978.64	13,096.59	11,680.77	11,798.73
T7 NOOS	45 MPH	0.86%	4.83	0.15	4,201.47	4,249.07	3,781.32	3,828.92
T7 other port	45 MPH	0.04%	0.28	0.01	187.38	190.15	168.64	171.41
T7 POAK	45 MPH	0.24%	1.75	0.06	1,165.63	1,182.87	1,049.07	1,066.30
T7 POLA	45 MPH	0.39%	2.87	0.09	1,910.88	1,939.14	1,719.79	1,748.05
T7 Public	45 MPH	0.03%	0.30	0.01	147.41	150.41	132.67	135.67
T7 Single	45 MPH	0.22%	0.83	0.03	1,060.92	1,069.12	954.82	963.03
T7 single construction	45 MPH	0.25%	0.96	0.03	1,224.80	1,234.27	1,102.32	1,111.79
T7 SWCV	45 MPH	0.06%	0.26	0.01	304.50	307.06	274.05	276.61
T7 tractor	45 MPH	3.36%	18.95	0.60	16,398.71	16,585.52	14,758.84	14,945.65
T7 tractor construction	45 MPH	0.19%	1.06	0.03	913.19	923.63	821.87	832.31
T7 utility	45 MPH	0.01%	0.01	0.00	26.42	26.57	23.78	23.93
T7IS	45 MPH	0.04%	0.58	0.02	53.18	58.86	47.86	53.54
UBUS	45 MPH	0.08%	1.14	0.04	451.25	462.50	406.12	417.38

All Other Buses	50 MPH	0.04%	0.09	0.00	92.66	93.60	83.40	84.33
LDA	50 MPH	43.63%	5.40	0.17	29,535.89	29,589.16	17,567.32	17,620.60
LDT1	50 MPH	6.47%	0.92	0.03	5,083.98	5,093.02	3,095.62	3,104.66
LDT2	50 MPH	16.10%	2.44	0.08	14,803.23	14,827.33	10,057.44	10,081.54
LHD1	50 MPH	4.45%	4.51	0.14	4,937.96	4,982.41	4,444.16	4,488.62
LHD2	50 MPH	0.74%	0.98	0.03	851.58	861.23	766.42	776.07
MCY	50 MPH	0.68%	1.89	0.06	233.91	252.52	210.52	229.13
MDV	50 MPH	16.54%	3.39	0.11	19,473.95	19,507.39	13,546.24	13,579.68
MH	50 MPH	0.13%	0.22	0.01	173.93	176.12	156.54	158.73
Motor Coach	50 MPH	0.07%	0.24	0.01	243.17	245.54	218.86	221.22
OBUS	50 MPH	0.07%	0.03	0.00	70.35	70.65	63.32	63.61
PTO	50 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
SBUS	50 MPH	0.01%	0.07	0.00	26.43	27.14	23.79	24.50
T6 Ag	50 MPH	0.05%	0.12	0.00	127.99	129.22	115.19	116.42
T6 CAIRP heavy	50 MPH	0.00%	0.01	0.00	6.61	6.67	5.95	6.00
T6 CAIRP small	50 MPH	0.01%	0.02	0.00	22.90	23.06	20.61	20.77
T6 instate construction heavy	50 MPH	0.09%	0.20	0.01	207.34	209.31	186.61	188.57
T6 instate construction small	50 MPH	0.24%	0.47	0.02	567.38	572.04	510.64	515.30
T6 instate heavy	50 MPH	0.21%	0.47	0.01	486.93	491.55	438.24	442.86
T6 instate small	50 MPH	0.56%	1.11	0.04	1,327.08	1,337.98	1,194.37	1,205.27
T6 OOS heavy	50 MPH	0.00%	0.00	0.00	3.79	3.82	3.41	3.44
T6 OOS small	50 MPH	0.01%	0.01	0.00	13.13	13.22	11.81	11.91
T6 Public	50 MPH	0.02%	0.05	0.00	53.57	54.10	48.21	48.74
T6 utility	50 MPH	0.01%	0.01	0.00	13.93	14.00	12.54	12.61
T6TS	50 MPH	0.22%	0.09	0.00	227.58	228.44	204.82	205.68
T7 Ag	50 MPH	0.18%	0.72	0.02	673.35	680.43	606.01	613.09
T7 CAIRP	50 MPH	2.07%	8.50	0.27	7,541.41	7,625.24	6,787.27	6,871.10
T7 CAIRP construction	50 MPH	0.08%	0.35	0.01	309.49	312.93	278.54	281.98
T7 NNOOS	50 MPH	2.32%	7.67	0.24	8,483.80	8,559.44	7,635.42	7,711.06
T7 NOOS	50 MPH	0.75%	3.10	0.10	2,746.39	2,776.92	2,471.75	2,502.28
T7 other port	50 MPH	0.03%	0.18	0.01	122.48	124.26	110.24	112.01
T7 POAK	50 MPH	0.21%	1.12	0.04	761.94	773.00	685.75	696.80
T7 POLA	50 MPH	0.34%	1.84	0.06	1,249.09	1,267.22	1,124.18	1,142.31
T7 Public	50 MPH	0.03%	0.20	0.01	96.36	98.34	86.72	88.71
T7 Single	50 MPH	0.19%	0.53	0.02	693.49	698.75	624.14	629.40
T7 single construction	50 MPH	0.22%	0.62	0.02	800.62	806.69	720.56	726.63
T7 SWCV	50 MPH	0.05%	0.17	0.01	199.04	200.70	179.14	180.79
T7 tractor	50 MPH	2.94%	12.15	0.39	10,719.42	10,839.22	9,647.47	9,767.27
T7 tractor construction	50 MPH	0.16%	0.68	0.02	596.93	603.62	537.24	543.93
T7 utility	50 MPH	0.00%	0.01	0.00	17.27	17.36	15.54	15.64
T7IS	50 MPH	0.03%	0.40	0.01	36.01	39.97	32.41	36.37
UBUS	50 MPH	0.04%	0.41	0.01	147.70	151.76	132.93	136.99

All Other Buses	55 MPH	0.07%	0.05	0.00	53.40	53.93	48.06	48.59
LDA	55 MPH	41.37%	1.61	0.05	9,092.29	9,108.16	5,407.92	5,423.79
LDT1	55 MPH	6.13%	0.27	0.01	1,564.79	1,567.49	952.79	955.49
LDT2	55 MPH	15.27%	0.73	0.02	4,555.92	4,563.11	3,095.33	3,102.52
LHD1	55 MPH	2.32%	0.82	0.03	833.26	841.35	749.93	758.02
LHD2	55 MPH	0.46%	0.21	0.01	168.52	170.62	151.67	153.77
MCY	55 MPH	0.64%	0.58	0.02	75.56	81.29	68.01	73.74
MDV	55 MPH	15.68%	1.02	0.03	5,993.44	6,003.45	4,169.09	4,179.09
MH	55 MPH	0.23%	0.12	0.00	95.84	97.00	86.26	87.42
Motor Coach	55 MPH	0.10%	0.11	0.00	116.60	117.73	104.94	106.07
OBUS	55 MPH	0.11%	0.02	0.00	38.87	39.02	34.98	35.14
PTO	55 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
SBUS	55 MPH	0.03%	0.04	0.00	15.68	16.09	14.11	14.52
T6 Ag	55 MPH	0.10%	0.07	0.00	73.75	74.45	66.38	67.08
T6 CAIRP heavy	55 MPH	0.01%	0.00	0.00	3.81	3.84	3.43	3.46
T6 CAIRP small	55 MPH	0.02%	0.01	0.00	13.19	13.29	11.87	11.97
T6 instate construction heavy	55 MPH	0.16%	0.11	0.00	119.48	120.60	107.53	108.65
T6 instate construction small	55 MPH	0.45%	0.27	0.01	326.94	329.60	294.25	296.91
T6 instate heavy	55 MPH	0.38%	0.27	0.01	280.58	283.23	252.52	255.17
T6 instate small	55 MPH	1.05%	0.63	0.02	764.70	770.93	688.23	694.46
T6 OOS heavy	55 MPH	0.00%	0.00	0.00	2.19	2.20	1.97	1.98
T6 OOS small	55 MPH	0.01%	0.01	0.00	7.56	7.62	6.81	6.86
T6 Public	55 MPH	0.04%	0.03	0.00	30.87	31.17	27.78	28.09
T6 utility	55 MPH	0.01%	0.00	0.00	8.03	8.07	7.22	7.27
T6TS	55 MPH	0.36%	0.05	0.00	125.73	126.19	113.15	113.62
T7 Ag	55 MPH	0.29%	0.34	0.01	322.87	326.24	290.59	293.96
T7 CAIRP	55 MPH	3.20%	4.05	0.13	3,616.16	3,656.04	3,254.54	3,294.42
T7 CAIRP construction	55 MPH	0.13%	0.17	0.01	148.40	150.04	133.56	135.20
T7 NNOOS	55 MPH	3.60%	3.65	0.12	4,068.04	4,104.03	3,661.23	3,697.22
T7 NOOS	55 MPH	1.17%	1.47	0.05	1,316.91	1,331.44	1,185.22	1,199.74
T7 other port	55 MPH	0.05%	0.09	0.00	58.73	59.58	52.86	53.70
T7 POAK	55 MPH	0.32%	0.53	0.02	365.36	370.62	328.82	334.08
T7 POLA	55 MPH	0.53%	0.87	0.03	598.95	607.57	539.05	547.68
T7 Public	55 MPH	0.04%	0.10	0.00	46.21	47.17	41.58	42.55
T7 Single	55 MPH	0.29%	0.25	0.01	332.53	335.04	299.28	301.78
T7 single construction	55 MPH	0.34%	0.29	0.01	383.90	386.79	345.51	348.40
T7 SWCV	55 MPH	0.08%	0.08	0.00	95.44	96.23	85.90	86.69
T7 tractor	55 MPH	4.55%	5.78	0.18	5,140.03	5,197.03	4,626.03	4,683.02
T7 tractor construction	55 MPH	0.25%	0.32	0.01	286.23	289.42	257.61	260.79
T7 utility	55 MPH	0.01%	0.00	0.00	8.28	8.33	7.45	7.50
T7IS	55 MPH	0.06%	0.24	0.01	22.33	24.71	20.09	22.48
UBUS	55 MPH	0.06%	0.23	0.01	73.18	75.48	65.86	68.16

All Other Buses	60 MPH	0.09%	0.11	0.00	107.83	108.91	97.04	98.13
LDA	60 MPH	47.91%	3.14	0.10	18,701.55	18,732.51	11,123.35	11,154.30
LDT1	60 MPH	7.10%	0.54	0.02	3,218.10	3,223.38	1,959.48	1,964.76
LDT2	60 MPH	17.68%	1.42	0.05	9,368.75	9,382.78	6,365.21	6,379.24
LHD1	60 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
LHD2	60 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
MCY	60 MPH	0.74%	1.16	0.04	163.15	174.61	146.83	158.30
MDV	60 MPH	18.16%	1.99	0.06	12,325.06	12,344.70	8,573.41	8,593.05
MH	60 MPH	0.27%	0.23	0.01	202.66	204.95	182.39	184.68
Motor Coach	60 MPH	0.03%	0.06	0.00	59.69	60.27	53.72	54.30
OBUS	60 MPH	0.13%	0.03	0.00	84.42	84.73	75.98	76.29
PTO	60 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
SBUS	60 MPH	0.01%	0.04	0.00	15.00	15.39	13.50	13.89
T6 Ag	60 MPH	0.12%	0.14	0.00	148.93	150.36	134.04	135.46
T6 CAIRP heavy	60 MPH	0.01%	0.01	0.00	7.70	7.76	6.93	6.99
T6 CAIRP small	60 MPH	0.02%	0.02	0.00	26.64	26.84	23.98	24.17
T6 instate construction heavy	60 MPH	0.20%	0.23	0.01	241.27	243.55	217.14	219.42
T6 instate construction small	60 MPH	0.55%	0.55	0.02	660.22	665.62	594.20	599.60
T6 instate heavy	60 MPH	0.47%	0.54	0.02	566.60	571.97	509.94	515.31
T6 instate small	60 MPH	1.28%	1.28	0.04	1,544.22	1,556.86	1,389.80	1,402.44
T6 OOS heavy	60 MPH	0.00%	0.00	0.00	4.41	4.45	3.97	4.01
T6 OOS small	60 MPH	0.01%	0.01	0.00	15.28	15.39	13.75	13.86
T6 Public	60 MPH	0.05%	0.06	0.00	62.33	62.96	56.10	56.72
T6 utility	60 MPH	0.01%	0.01	0.00	16.21	16.29	14.59	14.67
T6TS	60 MPH	0.42%	0.09	0.00	273.08	274.01	245.77	246.71
T7 Ag	60 MPH	0.09%	0.18	0.01	165.29	167.02	148.76	150.49
T7 CAIRP	60 MPH	0.99%	2.08	0.07	1,851.24	1,871.74	1,666.12	1,686.62
T7 CAIRP construction	60 MPH	0.04%	0.09	0.00	75.97	76.81	68.38	69.22
T7 NNOOS	60 MPH	1.12%	1.88	0.06	2,082.57	2,101.08	1,874.32	1,892.82
T7 NOOS	60 MPH	0.36%	0.76	0.02	674.17	681.64	606.76	614.22
T7 other port	60 MPH	0.02%	0.04	0.00	30.07	30.50	27.06	27.49
T7 POAK	60 MPH	0.10%	0.27	0.01	187.04	189.74	168.33	171.04
T7 POLA	60 MPH	0.16%	0.45	0.01	306.62	311.06	275.96	280.39
T7 Public	60 MPH	0.01%	0.05	0.00	23.65	24.15	21.29	21.79
T7 Single	60 MPH	0.09%	0.13	0.00	170.24	171.52	153.21	154.50
T7 single construction	60 MPH	0.11%	0.15	0.00	196.53	198.02	176.88	178.37
T7 SWCV	60 MPH	0.03%	0.04	0.00	48.86	49.27	43.97	44.38
T7 tractor	60 MPH	1.41%	2.97	0.09	2,631.36	2,660.67	2,368.23	2,397.53
T7 tractor construction	60 MPH	0.08%	0.17	0.01	146.53	148.17	131.88	133.52
T7 utility	60 MPH	0.00%	0.00	0.00	4.24	4.26	3.82	3.84
T7IS	60 MPH	0.02%	0.10	0.00	10.37	11.40	9.33	10.36
UBUS	60 MPH	0.09%	0.77	0.02	202.88	210.48	182.59	190.20

All Other Buses	65 MPH	0.01%	0.03	0.00	32.81	33.15	29.53	29.87
LDA	65 MPH	50.70%	6.67	0.21	42,673.03	42,738.74	25,381.22	25,446.93
LDT1	65 MPH	7.51%	1.14	0.04	7,341.93	7,353.17	4,470.45	4,481.69
LDT2	65 MPH	18.71%	3.03	0.10	21,372.30	21,402.13	14,520.52	14,550.35
LHD1	65 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
LHD2	65 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
MCY	65 MPH	0.79%	2.51	0.08	391.07	415.80	351.96	376.70
MDV	65 MPH	19.21%	4.26	0.14	28,116.83	28,158.87	19,558.29	19,600.33
MH	65 MPH	0.04%	0.07	0.00	68.59	69.29	61.73	62.43
Motor Coach	65 MPH	0.02%	0.06	0.00	63.22	63.85	56.90	57.52
OBUS	65 MPH	0.02%	0.01	0.00	29.79	29.89	26.81	26.91
PTO	65 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
SBUS	65 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T6 Ag	65 MPH	0.02%	0.04	0.00	45.32	45.76	40.79	41.23
T6 CAIRP heavy	65 MPH	0.00%	0.00	0.00	2.34	2.36	2.11	2.13
T6 CAIRP small	65 MPH	0.00%	0.01	0.00	8.11	8.17	7.30	7.36
T6 instate construction heavy	65 MPH	0.03%	0.07	0.00	73.42	74.12	66.08	66.78
T6 instate construction small	65 MPH	0.08%	0.17	0.01	200.91	202.58	180.82	182.49
T6 instate heavy	65 MPH	0.07%	0.17	0.01	172.42	174.08	155.18	156.84
T6 instate small	65 MPH	0.20%	0.40	0.01	469.92	473.83	422.93	426.84
T6 OOS heavy	65 MPH	0.00%	0.00	0.00	1.34	1.35	1.21	1.22
T6 OOS small	65 MPH	0.00%	0.00	0.00	4.65	4.68	4.18	4.22
T6 Public	65 MPH	0.01%	0.02	0.00	18.97	19.16	17.07	17.26
T6 utility	65 MPH	0.00%	0.00	0.00	4.93	4.96	4.44	4.47
T6TS	65 MPH	0.06%	0.03	0.00	96.38	96.66	86.74	87.02
T7 Ag	65 MPH	0.05%	0.19	0.01	175.06	176.93	157.56	159.42
T7 CAIRP	65 MPH	0.54%	2.24	0.07	1,960.70	1,982.78	1,764.63	1,786.71
T7 CAIRP construction	65 MPH	0.02%	0.09	0.00	80.46	81.37	72.42	73.32
T7 NNOOS	65 MPH	0.60%	2.02	0.06	2,205.72	2,225.63	1,985.14	2,005.06
T7 NOOS	65 MPH	0.20%	0.82	0.03	714.04	722.08	642.63	650.67
T7 other port	65 MPH	0.01%	0.05	0.00	31.84	32.31	28.66	29.13
T7 POAK	65 MPH	0.05%	0.30	0.01	198.10	201.01	178.29	181.20
T7 POLA	65 MPH	0.09%	0.48	0.02	324.75	329.53	292.28	297.05
T7 Public	65 MPH	0.01%	0.05	0.00	25.05	25.59	22.55	23.08
T7 Single	65 MPH	0.05%	0.14	0.00	180.30	181.69	162.27	163.66
T7 single construction	65 MPH	0.06%	0.16	0.01	208.15	209.75	187.34	188.94
T7 SWCV	65 MPH	0.01%	0.04	0.00	51.75	52.19	46.57	47.01
T7 tractor	65 MPH	0.76%	3.20	0.10	2,786.96	2,818.50	2,508.26	2,539.81
T7 tractor construction	65 MPH	0.04%	0.18	0.01	155.20	156.96	139.68	141.44
T7 utility	65 MPH	0.00%	0.00	0.00	4.49	4.51	4.04	4.07
T7IS	65 MPH	0.01%	0.11	0.00	12.56	13.64	11.30	12.39
UBUS	65 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00

All Other Buses	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
LDA	70 MPH	52.31%	0.00	0.00	4.54	4.54	2.70	2.70
LDT1	70 MPH	7.75%	0.00	0.00	0.78	0.78	0.47	0.48
LDT2	70 MPH	19.30%	0.00	0.00	2.27	2.27	1.54	1.55
LHD1	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
LHD2	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
MCY	70 MPH	0.81%	0.00	0.00	0.05	0.05	0.04	0.05
MDV	70 MPH	19.82%	0.00	0.00	2.99	2.99	2.08	2.08
MH	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
Motor Coach	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
OBUS	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
PTO	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
SBUS	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T6 Ag	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T6 CAIRP heavy	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T6 CAIRP small	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T6 instate construction heavy	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T6 instate construction small	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T6 instate heavy	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T6 instate small	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T6 OOS heavy	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T6 OOS small	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T6 Public	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T6 utility	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T6TS	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T7 Ag	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T7 CAIRP	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T7 CAIRP construction	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T7 NNOOS	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T7 NOOS	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T7 other port	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T7 POAK	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T7 POLA	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T7 Public	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T7 Single	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T7 single construction	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T7 SWCV	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T7 tractor	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T7 tractor construction	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T7 utility	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T7IS	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
UBUS	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL			**411.64**	**13.09**	**756,793.24**	**760,851.20**	**568,700.64**	**572,758.60**

N2O emissions were calculated using an off-model adjustment provided by CARB in AB 32 Technical Appendices. The off-model adjustment uses a linear regression correlating N2O with NOx. (N2O = 0.0167 + 0.0318 x NOx)

Daily vehicles miles traveled (VMT) multiplied by 347 days/year to account for reduced traffic on weekends and holidays. This assumption is consistent with the California Air Resources Board's (CARB) methodology within the Climate Change Scoping Plan Measure Documentation Supplement.

Based on the emission factors for Fresno County - San Joaquin Valley Air Basin

Year Post-2035 GHG Emissions (MTons/Year)

Based on EMFAC2011

	VMT Speed Bins (MPH)	Daily VMT	% of Total	Adjusted Daily VMT[1]	Adjusted Annual VMT[2]
5	0 - 5	1264	0.02%	1,178	408,925
10	5 - 10	9954	0.14%	9,280	3,220,283
15	10 - 15	401801	5.85%	374,609	129,989,260
20	15 - 20	68785	1.00%	64,130	22,253,084
25	20 - 25	127827	1.86%	119,176	41,354,146
30	25 - 30	339699	4.95%	316,710	109,898,237
35	30 - 35	379549	5.53%	353,863	122,790,370
40	35 - 40	1066282	15.53%	994,121	344,959,839
45	40 - 45	1438175	20.94%	1,340,845	465,273,367
50	45 - 50	1012599	14.74%	944,071	327,592,502
55	50 - 55	489313	7.13%	456,198	158,300,837
60	55 - 60	570176	8.30%	531,589	184,461,354
65	60 - 65	961983	14.01%	896,880	311,217,390
70	65 - 70	84	0.00%	78	27,175
	70 - 75	0	0.00%	0	0
	>75	0	0.00%	0	0
	Total	6867491		6,402,728	2,221,746,769
	SP	407,369		379,800	
	VMT/SP	16.86			

[1] VMT is adjusted based on per capita VMT in the Traffic Study provided by Fehr and Peers (i.e., VMT/population and employment (service population)).

[2] Adjusted Daily vehicles miles traveled (VMT) multiplied by 347 days/year to account for reduced traffic on weekends and holidays. This assumption is consistent with the California Air Resources Board's (CARB) methodology within the Climate Change Scoping Plan Measure Documentation Supplement.

Emission year				GWP	GWP			
Baseline in P-2035				310	1			
Vehicle Type	**Speed**	**Percent of VMT of SpeedBin**	**NOx**	**N_2O**	**CO_2**	**CO_2e**	**CO_2w/Pavley + LCF**	**CO_2e w/ Pavley + LCFS**
All Other Buses	05 MPH	0.25%	0.00	0	2.67	3	2.40	2
LDA	05 MPH	1.05%	0.00	0.00	4.85	4.85	2.88	2.89
LDT1	05 MPH	0.16%	0.00	0.00	0.83	0.84	0.51	0.51
LDT2	05 MPH	0.39%	0.00	0.00	2.43	2.43	1.65	1.65
LHD1	05 MPH	59.98%	0.15	0.00	430.93	432.40	387.84	389.31
LHD2	05 MPH	8.69%	0.03	0.00	45.55	45.85	41.00	41.30
MCY	05 MPH	0.02%	0.00	0.00	0.02	0.02	0.02	0.02
MDV	05 MPH	0.40%	0.00	0.00	3.20	3.20	2.23	2.23
MH	05 MPH	0.90%	0.01	0.00	9.23	9.30	8.31	8.38
Motor Coach	05 MPH	0.12%	0.00	0.00	1.90	1.93	1.71	1.74
OBUS	05 MPH	0.46%	0.00	0.00	4.68	4.69	4.22	4.22
PTO	05 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
SBUS	05 MPH	0.35%	0.01	0.00	3.70	3.81	3.33	3.44
T6 Ag	05 MPH	0.35%	0.01	0.00	3.68	3.74	3.31	3.37
T6 CAIRP heavy	05 MPH	0.02%	0.00	0.00	0.19	0.19	0.17	0.17
T6 CAIRP small	05 MPH	0.06%	0.00	0.00	0.66	0.67	0.59	0.60
T6 instate construction heavy	05 MPH	0.57%	0.01	0.00	5.97	6.05	5.37	5.46
T6 instate construction smal	05 MPH	1.56%	0.02	0.00	16.32	16.53	14.69	14.90
T6 instate heavy	05 MPH	1.34%	0.02	0.00	14.01	14.21	12.61	12.81
T6 instate small	05 MPH	3.65%	0.05	0.00	38.18	38.66	34.36	34.84
T6 OOS heavy	05 MPH	0.01%	0.00	0.00	0.11	0.11	0.10	0.10
T6 OOS small	05 MPH	0.04%	0.00	0.00	0.38	0.38	0.34	0.34
T6 Public	05 MPH	0.15%	0.00	0.00	1.54	1.56	1.39	1.41
T6 utility	05 MPH	0.04%	0.00	0.00	0.40	0.40	0.36	0.36
T6TS	05 MPH	1.47%	0.00	0.00	15.15	15.16	13.64	13.64
T7 Ag	05 MPH	0.33%	0.01	0.00	5.26	5.35	4.74	4.82
T7 CAIRP	05 MPH	3.64%	0.10	0.00	58.96	59.96	53.07	54.07
T7 CAIRP construction	05 MPH	0.15%	0.00	0.00	2.42	2.46	2.18	2.22
T7 NNOOS	05 MPH	4.10%	0.09	0.00	66.33	67.23	59.70	60.60
T7 NOOS	05 MPH	1.33%	0.04	0.00	21.47	21.84	19.33	19.69
T7 other port	05 MPH	0.06%	0.00	0.00	0.96	0.98	0.86	0.88
T7 POAK	05 MPH	0.37%	0.01	0.00	5.96	6.09	5.36	5.49
T7 POLA	05 MPH	0.60%	0.02	0.00	9.77	9.98	8.79	9.01
T7 Public	05 MPH	0.05%	0.00	0.00	0.75	0.77	0.68	0.70
T7 Single	05 MPH	0.34%	0.01	0.00	5.42	5.48	4.88	4.94
T7 single construction	05 MPH	0.39%	0.01	0.00	6.26	6.33	5.63	5.71
T7 SWCV	05 MPH	0.10%	0.00	0.00	1.56	1.58	1.40	1.42
T7 tractor	05 MPH	5.18%	0.15	0.00	83.81	85.24	75.43	76.86
T7 tractor construction	05 MPH	0.29%	0.01	0.00	4.67	4.75	4.20	4.28
T7 utility	05 MPH	0.01%	0.00	0.00	0.14	0.14	0.12	0.12
T7IS	05 MPH	0.07%	0.00	0.00	0.73	0.74	0.66	0.67
UBUS	05 MPH	1.00%	0.04	0.00	9.69	10.04	8.72	9.07

All Other Buses	10 MPH	0.30%	0.03	0.00	20.46	20.75	18.41	18.70
LDA	10 MPH	12.82%	0.04	0.00	344.14	344.52	204.68	205.06
LDT1	10 MPH	1.90%	0.01	0.00	59.29	59.35	36.10	36.17
LDT2	10 MPH	4.73%	0.02	0.00	172.70	172.88	117.34	117.51
LHD1	10 MPH	39.87%	0.72	0.02	1,875.43	1,882.52	1,687.89	1,694.98
LHD2	10 MPH	6.11%	0.15	0.00	216.29	217.80	194.66	196.17
MCY	10 MPH	0.20%	0.01	0.00	1.55	1.63	1.40	1.48
MDV	10 MPH	4.86%	0.02	0.00	227.18	227.42	158.03	158.27
MH	10 MPH	1.08%	0.06	0.00	71.49	72.07	64.34	64.92
Motor Coach	10 MPH	0.11%	0.02	0.00	11.20	11.35	10.08	10.23
OBUS	10 MPH	0.54%	0.00	0.00	35.60	35.62	32.04	32.06
PTO	10 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
SBUS	10 MPH	0.29%	0.06	0.00	19.84	20.42	17.86	18.44
T6 Ag	10 MPH	0.41%	0.04	0.00	28.26	28.64	25.43	25.81
T6 CAIRP heavy	10 MPH	0.02%	0.00	0.00	1.46	1.48	1.31	1.33
T6 CAIRP small	10 MPH	0.07%	0.01	0.00	5.06	5.11	4.55	4.60
T6 instate construction heavy	10 MPH	0.67%	0.06	0.00	45.78	46.38	41.20	41.81
T6 instate construction small	10 MPH	1.84%	0.15	0.00	125.27	126.71	112.75	114.18
T6 instate heavy	10 MPH	1.58%	0.14	0.00	107.51	108.93	96.76	98.18
T6 instate small	10 MPH	4.30%	0.34	0.01	293.01	296.36	263.71	267.06
T6 OOS heavy	10 MPH	0.01%	0.00	0.00	0.84	0.85	0.75	0.76
T6 OOS small	10 MPH	0.04%	0.00	0.00	2.90	2.93	2.61	2.64
T6 Public	10 MPH	0.17%	0.02	0.00	11.83	11.98	10.64	10.80
T6 utility	10 MPH	0.05%	0.00	0.00	3.08	3.10	2.77	2.79
T6TS	10 MPH	1.76%	0.01	0.00	115.16	115.23	103.65	103.71
T7 Ag	10 MPH	0.29%	0.05	0.00	31.01	31.46	27.91	28.36
T7 CAIRP	10 MPH	3.30%	0.55	0.02	347.27	352.65	312.55	317.92
T7 CAIRP construction	10 MPH	0.14%	0.02	0.00	14.25	14.47	12.83	13.05
T7 NNOOS	10 MPH	3.71%	0.49	0.02	390.67	395.52	351.60	356.46
T7 NOOS	10 MPH	1.20%	0.20	0.01	126.47	128.43	113.82	115.78
T7 other port	10 MPH	0.05%	0.01	0.00	5.64	5.75	5.08	5.19
T7 POAK	10 MPH	0.33%	0.07	0.00	35.09	35.80	31.58	32.29
T7 POLA	10 MPH	0.55%	0.12	0.00	57.52	58.68	51.77	52.93
T7 Public	10 MPH	0.04%	0.01	0.00	4.44	4.54	3.99	4.10
T7 Single	10 MPH	0.30%	0.03	0.00	31.93	32.27	28.74	29.08
T7 single construction	10 MPH	0.35%	0.04	0.00	36.87	37.26	33.18	33.57
T7 SWCV	10 MPH	0.09%	0.01	0.00	9.17	9.27	8.25	8.35
T7 tractor	10 MPH	4.69%	0.78	0.02	493.62	501.30	444.26	451.94
T7 tractor construction	10 MPH	0.26%	0.04	0.00	27.49	27.92	24.74	25.17
T7 utility	10 MPH	0.01%	0.00	0.00	0.80	0.80	0.72	0.72
T7IS	10 MPH	0.08%	0.01	0.00	5.42	5.51	4.88	4.97
UBUS	10 MPH	0.85%	0.21	0.01	61.10	63.20	54.99	57.09

All Other Buses	15 MPH	0.26%	0.77	0.02	587.44	594.99	528.70	536.24
LDA	15 MPH	4.91%	0.52	0.02	4,118.49	4,123.63	2,449.54	2,454.68
LDT1	15 MPH	0.73%	0.09	0.00	709.30	710.18	431.89	432.77
LDT2	15 MPH	1.81%	0.24	0.01	2,066.16	2,068.49	1,403.76	1,406.09
LHD1	15 MPH	57.35%	36.23	1.15	79,102.00	79,459.17	71,191.80	71,548.97
LHD2	15 MPH	8.68%	7.50	0.24	9,630.73	9,704.66	8,667.65	8,741.59
MCY	15 MPH	0.08%	0.12	0.00	20.30	21.44	18.27	19.41
MDV	15 MPH	1.86%	0.33	0.01	2,717.81	2,721.05	1,890.52	1,893.76
MH	15 MPH	0.88%	1.47	0.05	1,679.47	1,693.94	1,511.52	1,525.99
Motor Coach	15 MPH	0.08%	0.37	0.01	291.35	294.96	262.21	265.83
OBUS	15 MPH	0.44%	0.08	0.00	796.77	797.58	717.09	717.90
PTO	15 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
SBUS	15 MPH	0.37%	2.31	0.07	798.65	821.37	718.79	741.51
T6 Ag	15 MPH	0.36%	1.01	0.03	811.38	821.31	730.24	740.17
T6 CAIRP heavy	15 MPH	0.02%	0.04	0.00	41.93	42.35	37.74	38.16
T6 CAIRP small	15 MPH	0.06%	0.14	0.00	145.16	146.50	130.64	131.98
T6 instate construction heavy	15 MPH	0.58%	1.61	0.05	1,314.42	1,330.32	1,182.97	1,198.88
T6 instate construction small	15 MPH	1.59%	3.82	0.12	3,596.86	3,634.53	3,237.17	3,274.85
T6 instate heavy	15 MPH	1.37%	3.80	0.12	3,086.83	3,124.27	2,778.15	2,815.58
T6 instate small	15 MPH	3.73%	8.95	0.28	8,412.88	8,501.09	7,571.59	7,659.80
T6 OOS heavy	15 MPH	0.01%	0.02	0.00	24.04	24.28	21.64	21.88
T6 OOS small	15 MPH	0.04%	0.08	0.00	83.22	83.99	74.90	75.67
T6 Public	15 MPH	0.15%	0.40	0.01	339.58	343.53	305.62	309.58
T6 utility	15 MPH	0.04%	0.06	0.00	88.30	88.90	79.47	80.07
T6TS	15 MPH	1.42%	0.24	0.01	2,577.46	2,579.82	2,319.71	2,322.07
T7 Ag	15 MPH	0.23%	1.10	0.03	806.74	817.56	726.06	736.89
T7 CAIRP	15 MPH	2.59%	13.00	0.41	9,035.37	9,163.54	8,131.83	8,260.00
T7 CAIRP construction	15 MPH	0.11%	0.53	0.02	370.80	376.06	333.72	338.98
T7 NNOOS	15 MPH	2.91%	11.73	0.37	10,164.44	10,280.10	9,148.00	9,263.66
T7 NOOS	15 MPH	0.94%	4.74	0.15	3,290.45	3,337.13	2,961.41	3,008.08
T7 other port	15 MPH	0.04%	0.28	0.01	146.75	149.47	132.07	134.79
T7 POAK	15 MPH	0.26%	1.71	0.05	912.88	929.79	821.59	838.50
T7 POLA	15 MPH	0.43%	2.81	0.09	1,496.54	1,524.25	1,346.89	1,374.60
T7 Public	15 MPH	0.03%	0.24	0.01	115.45	117.80	103.90	106.25
T7 Single	15 MPH	0.24%	0.82	0.03	830.87	838.92	747.79	755.83
T7 single construction	15 MPH	0.27%	0.94	0.03	959.22	968.51	863.30	872.59
T7 SWCV	15 MPH	0.07%	0.25	0.01	238.47	240.91	214.63	217.07
T7 tractor	15 MPH	3.68%	18.58	0.59	12,842.93	13,026.11	11,558.64	11,741.82
T7 tractor construction	15 MPH	0.21%	1.04	0.03	715.18	725.42	643.67	653.90
T7 utility	15 MPH	0.01%	0.01	0.00	20.69	20.84	18.62	18.77
T7IS	15 MPH	0.06%	0.29	0.01	104.67	107.49	94.20	97.02
UBUS	15 MPH	1.10%	8.86	0.28	2,901.56	2,988.87	2,611.41	2,698.71

All Other Buses	20 MPH	0.06%	0.02	0.00	17.70	17.91	15.93	16.14
LDA	20 MPH	39.28%	0.64	0.02	4,491.78	4,498.08	2,671.57	2,677.87
LDT1	20 MPH	5.82%	0.11	0.00	773.65	774.72	471.08	472.14
LDT2	20 MPH	14.49%	0.29	0.01	2,253.45	2,256.31	1,531.01	1,533.87
LHD1	20 MPH	13.71%	1.33	0.04	2,506.23	2,519.37	2,255.61	2,268.74
LHD2	20 MPH	2.05%	0.27	0.01	321.96	324.60	289.77	292.41
MCY	20 MPH	0.61%	0.15	0.00	24.26	25.78	21.83	23.35
MDV	20 MPH	14.89%	0.40	0.01	2,964.29	2,968.25	2,061.99	2,065.95
MH	20 MPH	0.19%	0.04	0.00	46.85	47.28	42.16	42.60
Motor Coach	20 MPH	0.04%	0.02	0.00	18.12	18.34	16.31	16.52
OBUS	20 MPH	0.10%	0.00	0.00	21.50	21.53	19.35	19.38
PTO	20 MPH	0.71%	0.32	0.01	334.94	338.05	301.45	304.55
SBUS	20 MPH	0.11%	0.09	0.00	30.05	30.90	27.05	27.90
T6 Ag	20 MPH	0.08%	0.03	0.00	24.44	24.73	22.00	22.29
T6 CAIRP heavy	20 MPH	0.00%	0.00	0.00	1.26	1.28	1.14	1.15
T6 CAIRP small	20 MPH	0.01%	0.00	0.00	4.37	4.41	3.94	3.97
T6 instate construction heavy	20 MPH	0.13%	0.05	0.00	39.60	40.06	35.64	36.10
T6 instate construction small	20 MPH	0.36%	0.11	0.00	108.35	109.44	97.52	98.61
T6 instate heavy	20 MPH	0.31%	0.11	0.00	92.99	94.07	83.69	84.77
T6 instate small	20 MPH	0.83%	0.26	0.01	253.44	255.98	228.09	230.64
T6 OOS heavy	20 MPH	0.00%	0.00	0.00	0.72	0.73	0.65	0.66
T6 OOS small	20 MPH	0.01%	0.00	0.00	2.51	2.53	2.26	2.28
T6 Public	20 MPH	0.03%	0.01	0.00	10.23	10.34	9.21	9.32
T6 utility	20 MPH	0.01%	0.00	0.00	2.66	2.68	2.39	2.41
T6TS	20 MPH	0.31%	0.01	0.00	69.55	69.64	62.60	62.69
T7 Ag	20 MPH	0.11%	0.07	0.00	50.17	50.82	45.16	45.80
T7 CAIRP	20 MPH	1.19%	0.77	0.02	561.95	569.59	505.75	513.39
T7 CAIRP construction	20 MPH	0.05%	0.03	0.00	23.06	23.38	20.76	21.07
T7 NNOOS	20 MPH	1.34%	0.70	0.02	632.17	639.06	568.95	575.85
T7 NOOS	20 MPH	0.43%	0.28	0.01	204.65	207.43	184.18	186.96
T7 other port	20 MPH	0.02%	0.02	0.00	9.13	9.29	8.21	8.38
T7 POAK	20 MPH	0.12%	0.10	0.00	56.78	57.78	51.10	52.11
T7 POLA	20 MPH	0.20%	0.17	0.01	93.08	94.73	83.77	85.42
T7 Public	20 MPH	0.02%	0.01	0.00	7.18	7.32	6.46	6.60
T7 Single	20 MPH	0.11%	0.05	0.00	51.68	52.15	46.51	46.99
T7 single construction	20 MPH	0.13%	0.06	0.00	59.66	60.21	53.69	54.25
T7 SWCV	20 MPH	0.03%	0.01	0.00	14.83	14.98	13.35	13.49
T7 tractor	20 MPH	1.70%	1.11	0.04	798.76	809.67	718.88	729.80
T7 tractor construction	20 MPH	0.09%	0.06	0.00	44.48	45.09	40.03	40.64
T7 utility	20 MPH	0.00%	0.00	0.00	1.29	1.30	1.16	1.17
T7IS	20 MPH	0.02%	0.02	0.00	4.65	4.84	4.19	4.37
UBUS	20 MPH	0.30%	0.36	0.01	130.33	133.83	117.29	120.79

All Other Buses	25 MPH	0.15%	0.09	0.00	77.92	78.84	70.13	71.05
LDA	25 MPH	23.36%	0.64	0.02	4,133.99	4,140.34	2,458.77	2,465.12
LDT1	25 MPH	3.46%	0.11	0.00	711.86	712.93	433.45	434.52
LDT2	25 MPH	8.62%	0.29	0.01	2,073.41	2,076.29	1,408.69	1,411.56
LHD1	25 MPH	28.80%	4.85	0.15	8,022.12	8,069.92	7,219.91	7,267.71
LHD2	25 MPH	4.65%	1.04	0.03	1,182.57	1,192.78	1,064.31	1,074.53
MCY	25 MPH	0.36%	0.17	0.01	24.08	25.73	21.67	23.32
MDV	25 MPH	8.85%	0.40	0.01	2,727.39	2,731.36	1,897.18	1,901.16
MH	25 MPH	0.52%	0.20	0.01	185.96	187.90	167.36	169.30
Motor Coach	25 MPH	0.10%	0.09	0.00	79.03	79.93	71.12	72.03
OBUS	25 MPH	0.26%	0.02	0.00	82.87	83.03	74.58	74.75
PTO	25 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
SBUS	25 MPH	0.41%	0.55	0.02	190.83	196.30	171.75	177.21
T6 Ag	25 MPH	0.20%	0.12	0.00	107.62	108.84	96.86	98.07
T6 CAIRP heavy	25 MPH	0.01%	0.01	0.00	5.56	5.61	5.01	5.06
T6 CAIRP small	25 MPH	0.04%	0.02	0.00	19.25	19.42	17.33	17.49
T6 instate construction heavy	25 MPH	0.33%	0.20	0.01	174.35	176.29	156.91	158.85
T6 instate construction small	25 MPH	0.90%	0.47	0.01	477.10	481.70	429.39	433.99
T6 instate heavy	25 MPH	0.77%	0.46	0.01	409.44	414.02	368.50	373.07
T6 instate small	25 MPH	2.11%	1.09	0.03	1,115.90	1,126.68	1,004.31	1,015.08
T6 OOS heavy	25 MPH	0.01%	0.00	0.00	3.19	3.22	2.87	2.90
T6 OOS small	25 MPH	0.02%	0.01	0.00	11.04	11.13	9.93	10.03
T6 Public	25 MPH	0.09%	0.05	0.00	45.04	45.53	40.54	41.03
T6 utility	25 MPH	0.02%	0.01	0.00	11.71	11.79	10.54	10.61
T6TS	25 MPH	0.84%	0.05	0.00	268.07	268.55	241.26	241.75
T7 Ag	25 MPH	0.27%	0.27	0.01	218.82	221.53	196.94	199.65
T7 CAIRP	25 MPH	3.00%	3.25	0.10	2,450.81	2,482.82	2,205.73	2,237.74
T7 CAIRP construction	25 MPH	0.12%	0.13	0.00	100.58	101.89	90.52	91.83
T7 NNOOS	25 MPH	3.38%	2.93	0.09	2,757.07	2,785.95	2,481.36	2,510.24
T7 NOOS	25 MPH	1.09%	1.18	0.04	892.52	904.18	803.27	814.93
T7 other port	25 MPH	0.05%	0.07	0.00	39.80	40.48	35.82	36.50
T7 POAK	25 MPH	0.30%	0.43	0.01	247.62	251.84	222.85	227.08
T7 POLA	25 MPH	0.50%	0.70	0.02	405.93	412.85	365.34	372.26
T7 Public	25 MPH	0.04%	0.06	0.00	31.31	31.93	28.18	28.79
T7 Single	25 MPH	0.28%	0.20	0.01	225.37	227.38	202.83	204.84
T7 single construction	25 MPH	0.32%	0.24	0.01	260.19	262.50	234.17	236.49
T7 SWCV	25 MPH	0.08%	0.06	0.00	64.69	65.30	58.22	58.83
T7 tractor	25 MPH	4.26%	4.64	0.15	3,483.60	3,529.34	3,135.24	3,180.98
T7 tractor construction	25 MPH	0.24%	0.26	0.01	193.99	196.55	174.59	177.15
T7 utility	25 MPH	0.01%	0.00	0.00	5.61	5.65	5.05	5.09
T7IS	25 MPH	0.07%	0.11	0.00	21.01	22.13	18.91	20.03
UBUS	25 MPH	1.12%	2.15	0.07	857.68	878.84	771.91	793.07

All Other Buses	30 MPH	0.10%	0.15	0.00	127.05	128.49	114.34	115.79
LDA	30 MPH	34.63%	2.35	0.07	14,005.89	14,029.10	8,330.30	8,353.51
LDT1	30 MPH	5.13%	0.40	0.01	2,411.64	2,415.57	1,468.44	1,472.37
LDT2	30 MPH	12.78%	1.06	0.03	7,023.94	7,034.44	4,772.12	4,782.61
LHD1	30 MPH	13.61%	5.82	0.19	8,693.90	8,751.32	7,824.51	7,881.93
LHD2	30 MPH	2.18%	1.22	0.04	1,332.64	1,344.63	1,199.38	1,211.37
MCY	30 MPH	0.54%	0.66	0.02	87.78	94.27	79.00	85.49
MDV	30 MPH	13.13%	1.47	0.05	9,239.53	9,254.03	6,427.07	6,441.57
MH	30 MPH	0.32%	0.30	0.01	258.62	261.59	232.76	235.73
Motor Coach	30 MPH	0.09%	0.20	0.01	180.92	182.91	162.83	164.81
OBUS	30 MPH	0.16%	0.03	0.00	109.17	109.45	98.25	98.54
PTO	30 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
SBUS	30 MPH	0.27%	0.87	0.03	300.41	309.01	270.37	278.97
T6 Ag	30 MPH	0.13%	0.19	0.01	175.48	177.38	157.93	159.83
T6 CAIRP heavy	30 MPH	0.01%	0.01	0.00	9.07	9.15	8.16	8.24
T6 CAIRP small	30 MPH	0.02%	0.03	0.00	31.39	31.65	28.25	28.51
T6 instate construction heavy	30 MPH	0.22%	0.31	0.01	284.28	287.32	255.85	258.89
T6 instate construction small	30 MPH	0.59%	0.73	0.02	777.91	785.12	700.12	707.33
T6 instate heavy	30 MPH	0.51%	0.73	0.02	667.61	674.77	600.85	608.01
T6 instate small	30 MPH	1.38%	1.71	0.05	1,819.51	1,836.38	1,637.56	1,654.43
T6 OOS heavy	30 MPH	0.00%	0.00	0.00	5.20	5.25	4.68	4.73
T6 OOS small	30 MPH	0.01%	0.01	0.00	18.00	18.15	16.20	16.35
T6 Public	30 MPH	0.06%	0.08	0.00	73.44	74.22	66.10	66.88
T6 utility	30 MPH	0.01%	0.01	0.00	19.10	19.21	17.19	17.30
T6TS	30 MPH	0.52%	0.08	0.00	353.15	353.98	317.84	318.67
T7 Ag	30 MPH	0.25%	0.60	0.02	500.97	506.92	450.87	456.82
T7 CAIRP	30 MPH	2.75%	7.14	0.23	5,610.80	5,681.19	5,049.72	5,120.11
T7 CAIRP construction	30 MPH	0.11%	0.29	0.01	230.26	233.15	207.23	210.12
T7 NNOOS	30 MPH	3.10%	6.44	0.20	6,311.94	6,375.46	5,680.75	5,744.26
T7 NOOS	30 MPH	1.00%	2.60	0.08	2,043.31	2,068.95	1,838.98	1,864.62
T7 other port	30 MPH	0.04%	0.15	0.00	91.13	92.62	82.02	83.51
T7 POAK	30 MPH	0.28%	0.94	0.03	566.88	576.17	510.20	519.48
T7 POLA	30 MPH	0.46%	1.54	0.05	929.32	944.54	836.39	851.61
T7 Public	30 MPH	0.03%	0.14	0.00	71.69	73.10	64.52	65.93
T7 Single	30 MPH	0.25%	0.45	0.01	515.96	520.38	464.36	468.78
T7 single construction	30 MPH	0.29%	0.52	0.02	595.66	600.76	536.09	541.19
T7 SWCV	30 MPH	0.07%	0.14	0.00	148.09	149.44	133.28	134.63
T7 tractor	30 MPH	3.91%	10.20	0.32	7,975.24	8,075.83	7,177.71	7,278.31
T7 tractor construction	30 MPH	0.22%	0.57	0.02	444.12	449.74	399.70	405.32
T7 utility	30 MPH	0.01%	0.01	0.00	12.85	12.93	11.56	11.64
T7IS	30 MPH	0.07%	0.31	0.01	44.70	47.79	40.23	43.32
UBUS	30 MPH	0.76%	3.60	0.11	1,514.98	1,550.48	1,363.48	1,398.98

All Other Buses	35 MPH	0.06%	0.09	0.00	77.54	78.39	69.79	70.63
LDA	35 MPH	43.09%	3.08	0.10	17,370.92	17,401.28	10,331.76	10,362.12
LDT1	35 MPH	6.39%	0.52	0.02	2,990.90	2,996.04	1,821.15	1,826.29
LDT2	35 MPH	15.90%	1.39	0.04	8,710.51	8,724.24	5,917.99	5,931.72
LHD1	35 MPH	2.87%	1.36	0.04	1,846.28	1,859.70	1,661.65	1,675.07
LHD2	35 MPH	0.50%	0.31	0.01	319.00	322.01	287.10	290.11
MCY	35 MPH	0.67%	0.92	0.03	116.39	125.48	104.75	113.84
MDV	35 MPH	16.33%	1.92	0.06	11,458.32	11,477.28	7,970.49	7,989.45
MH	35 MPH	0.19%	0.19	0.01	153.47	155.34	138.12	140.00
Motor Coach	35 MPH	0.08%	0.18	0.01	168.47	170.25	151.62	153.40
OBUS	35 MPH	0.10%	0.02	0.00	63.28	63.48	56.95	57.15
PTO	35 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
SBUS	35 MPH	0.13%	0.45	0.01	156.37	160.79	140.73	145.16
T6 Ag	35 MPH	0.08%	0.11	0.00	107.10	108.21	96.39	97.50
T6 CAIRP heavy	35 MPH	0.00%	0.00	0.00	5.53	5.58	4.98	5.03
T6 CAIRP small	35 MPH	0.01%	0.02	0.00	19.16	19.31	17.24	17.39
T6 instate construction heavy	35 MPH	0.12%	0.18	0.01	173.50	175.28	156.15	157.93
T6 instate construction small	35 MPH	0.34%	0.43	0.01	474.77	479.00	427.29	431.52
T6 instate heavy	35 MPH	0.29%	0.43	0.01	407.45	411.65	366.70	370.91
T6 instate small	35 MPH	0.80%	1.00	0.03	1,110.46	1,120.37	999.42	1,009.32
T6 OOS heavy	35 MPH	0.00%	0.00	0.00	3.17	3.20	2.86	2.88
T6 OOS small	35 MPH	0.01%	0.01	0.00	10.98	11.07	9.89	9.97
T6 Public	35 MPH	0.03%	0.05	0.00	44.82	45.29	40.34	40.81
T6 utility	35 MPH	0.01%	0.01	0.00	11.66	11.72	10.49	10.56
T6TS	35 MPH	0.32%	0.06	0.00	204.69	205.28	184.22	184.81
T7 Ag	35 MPH	0.22%	0.54	0.02	466.49	471.81	419.84	425.16
T7 CAIRP	35 MPH	2.43%	6.40	0.20	5,224.58	5,287.63	4,702.12	4,765.17
T7 CAIRP construction	35 MPH	0.10%	0.26	0.01	214.41	217.00	192.97	195.56
T7 NNOOS	35 MPH	2.73%	5.77	0.18	5,877.45	5,934.35	5,289.70	5,346.60
T7 NOOS	35 MPH	0.88%	2.33	0.07	1,902.66	1,925.62	1,712.39	1,735.36
T7 other port	35 MPH	0.04%	0.14	0.00	84.86	86.19	76.37	77.71
T7 POAK	35 MPH	0.25%	0.84	0.03	527.86	536.18	475.07	483.39
T7 POLA	35 MPH	0.40%	1.38	0.04	865.35	878.99	778.82	792.45
T7 Public	35 MPH	0.03%	0.13	0.00	66.76	68.08	60.08	61.41
T7 Single	35 MPH	0.22%	0.40	0.01	480.44	484.40	432.40	436.35
T7 single construction	35 MPH	0.26%	0.46	0.01	554.66	559.23	499.19	503.76
T7 SWCV	35 MPH	0.06%	0.12	0.00	137.89	139.12	124.10	125.33
T7 tractor	35 MPH	3.45%	9.14	0.29	7,426.25	7,516.36	6,683.62	6,773.74
T7 tractor construction	35 MPH	0.19%	0.51	0.02	413.54	418.58	372.19	377.22
T7 utility	35 MPH	0.01%	0.01	0.00	11.97	12.04	10.77	10.84
T7IS	35 MPH	0.06%	0.32	0.01	37.08	40.20	33.37	36.49
UBUS	35 MPH	0.36%	1.87	0.06	800.70	819.16	720.63	739.09

All Other Buses	40 MPH	0.05%	0.21	0.01	194.56	196.62	175.11	177.16
LDA	40 MPH	46.21%	8.89	0.28	48,368.10	48,455.79	28,768.18	28,855.86
LDT1	40 MPH	6.85%	1.51	0.05	8,328.10	8,342.94	5,070.98	5,085.82
LDT2	40 MPH	17.05%	4.02	0.13	24,252.36	24,292.01	16,477.27	16,516.92
LHD1	40 MPH	0.88%	1.21	0.04	1,500.59	1,512.48	1,350.53	1,362.42
LHD2	40 MPH	0.18%	0.31	0.01	304.34	307.37	273.91	276.94
MCY	40 MPH	0.72%	2.83	0.09	345.18	373.07	310.66	338.55
MDV	40 MPH	17.52%	5.56	0.18	31,904.22	31,959.01	22,192.89	22,247.68
MH	40 MPH	0.18%	0.48	0.02	371.22	375.93	334.10	338.80
Motor Coach	40 MPH	0.06%	0.33	0.01	321.36	324.64	289.23	292.50
OBUS	40 MPH	0.09%	0.06	0.00	150.21	150.76	135.19	135.74
PTO	40 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
SBUS	40 MPH	0.07%	0.60	0.02	211.10	216.97	189.99	195.86
T6 Ag	40 MPH	0.07%	0.27	0.01	268.73	271.44	241.86	244.56
T6 CAIRP heavy	40 MPH	0.00%	0.01	0.00	13.89	14.00	12.50	12.61
T6 CAIRP small	40 MPH	0.01%	0.04	0.00	48.08	48.44	43.27	43.63
T6 instate construction heavy	40 MPH	0.12%	0.44	0.01	435.34	439.67	391.81	396.14
T6 instate construction small	40 MPH	0.32%	1.04	0.03	1,191.30	1,201.55	1,072.17	1,082.42
T6 instate heavy	40 MPH	0.27%	1.03	0.03	1,022.38	1,032.56	920.14	930.33
T6 instate small	40 MPH	0.75%	2.44	0.08	2,786.39	2,810.40	2,507.75	2,531.76
T6 OOS heavy	40 MPH	0.00%	0.01	0.00	7.96	8.03	7.17	7.23
T6 OOS small	40 MPH	0.01%	0.02	0.00	27.56	27.77	24.81	25.02
T6 Public	40 MPH	0.03%	0.12	0.00	112.47	113.62	101.22	102.37
T6 utility	40 MPH	0.01%	0.02	0.00	29.25	29.41	26.32	26.48
T6TS	40 MPH	0.30%	0.16	0.01	485.90	487.52	437.31	438.93
T7 Ag	40 MPH	0.15%	1.00	0.03	889.86	899.67	800.87	810.69
T7 CAIRP	40 MPH	1.73%	11.78	0.37	9,966.32	10,082.48	8,969.69	9,085.85
T7 CAIRP construction	40 MPH	0.07%	0.48	0.02	409.01	413.77	368.11	372.87
T7 NNOOS	40 MPH	1.94%	10.63	0.34	11,211.73	11,316.55	10,090.55	10,195.38
T7 NOOS	40 MPH	0.63%	4.29	0.14	3,629.48	3,671.78	3,266.53	3,308.84
T7 other port	40 MPH	0.03%	0.25	0.01	161.87	164.33	145.68	148.14
T7 POAK	40 MPH	0.17%	1.55	0.05	1,006.94	1,022.26	906.25	921.57
T7 POLA	40 MPH	0.29%	2.55	0.08	1,650.73	1,675.85	1,485.66	1,510.78
T7 Public	40 MPH	0.02%	0.26	0.01	127.34	129.90	114.61	117.16
T7 Single	40 MPH	0.16%	0.74	0.02	916.48	923.77	824.83	832.12
T7 single construction	40 MPH	0.18%	0.85	0.03	1,058.05	1,066.47	952.25	960.67
T7 SWCV	40 MPH	0.05%	0.23	0.01	263.05	265.31	236.74	239.01
T7 tractor	40 MPH	2.45%	16.84	0.54	14,166.19	14,332.21	12,749.58	12,915.59
T7 tractor construction	40 MPH	0.14%	0.94	0.03	788.87	798.15	709.98	719.26
T7 utility	40 MPH	0.00%	0.01	0.00	22.82	22.95	20.54	20.67
T7IS	40 MPH	0.04%	0.61	0.02	61.63	67.63	55.47	61.47
UBUS	40 MPH	0.20%	2.89	0.09	1,212.15	1,240.68	1,090.93	1,119.47

All Other Buses	45 MPH	0.04%	0.21	0.01	202.78	204.86	182.51	184.59
LDA	45 MPH	44.87%	11.30	0.36	61,033.70	61,145.14	36,301.46	36,412.90
LDT1	45 MPH	6.65%	1.92	0.06	10,507.24	10,526.11	6,397.83	6,416.71
LDT2	45 MPH	16.56%	5.11	0.16	30,596.41	30,646.81	20,787.47	20,837.86
LHD1	45 MPH	0.99%	1.88	0.06	2,190.57	2,209.13	1,971.51	1,990.07
LHD2	45 MPH	0.19%	0.47	0.01	437.77	442.39	393.99	398.61
MCY	45 MPH	0.70%	3.78	0.12	459.56	496.86	413.60	450.91
MDV	45 MPH	17.01%	7.08	0.22	40,249.94	40,319.69	27,998.22	28,067.97
MH	45 MPH	0.16%	0.54	0.02	419.54	424.88	377.58	382.93
Motor Coach	45 MPH	0.08%	0.58	0.02	572.67	578.34	515.40	521.08
OBUS	45 MPH	0.08%	0.07	0.00	171.94	172.62	154.74	155.43
PTO	45 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
SBUS	45 MPH	0.03%	0.36	0.01	128.59	132.10	115.73	119.24
T6 Ag	45 MPH	0.06%	0.28	0.01	280.09	282.83	252.08	254.82
T6 CAIRP heavy	45 MPH	0.00%	0.01	0.00	14.47	14.59	13.03	13.14
T6 CAIRP small	45 MPH	0.01%	0.04	0.00	50.11	50.48	45.10	45.47
T6 instate construction heavy	45 MPH	0.09%	0.44	0.01	453.73	458.12	408.36	412.74
T6 instate construction small	45 MPH	0.26%	1.05	0.03	1,241.63	1,252.02	1,117.47	1,127.85
T6 instate heavy	45 MPH	0.22%	1.05	0.03	1,065.57	1,075.89	959.01	969.33
T6 instate small	45 MPH	0.60%	2.47	0.08	2,904.11	2,928.43	2,613.70	2,638.02
T6 OOS heavy	45 MPH	0.00%	0.01	0.00	8.30	8.36	7.47	7.53
T6 OOS small	45 MPH	0.01%	0.02	0.00	28.73	28.94	25.85	26.07
T6 Public	45 MPH	0.02%	0.12	0.00	117.22	118.40	105.50	106.68
T6 utility	45 MPH	0.01%	0.02	0.00	30.48	30.65	27.43	27.60
T6TS	45 MPH	0.26%	0.20	0.01	556.19	558.21	500.57	502.59
T7 Ag	45 MPH	0.21%	1.72	0.05	1,585.72	1,602.72	1,427.15	1,444.14
T7 CAIRP	45 MPH	2.36%	20.41	0.65	17,759.89	17,961.11	15,983.90	16,185.12
T7 CAIRP construction	45 MPH	0.10%	0.84	0.03	728.85	737.10	655.96	664.22
T7 NNOOS	45 MPH	2.66%	18.42	0.59	19,979.19	20,160.77	17,981.27	18,162.85
T7 NOOS	45 MPH	0.86%	7.43	0.24	6,467.70	6,540.98	5,820.93	5,894.21
T7 other port	45 MPH	0.04%	0.43	0.01	288.45	292.71	259.60	263.87
T7 POAK	45 MPH	0.24%	2.69	0.09	1,794.36	1,820.90	1,614.92	1,641.46
T7 POLA	45 MPH	0.39%	4.41	0.14	2,941.59	2,985.10	2,647.43	2,690.94
T7 Public	45 MPH	0.03%	0.47	0.01	226.92	231.54	204.23	208.84
T7 Single	45 MPH	0.22%	1.28	0.04	1,633.16	1,645.79	1,469.85	1,482.47
T7 single construction	45 MPH	0.25%	1.48	0.05	1,885.44	1,900.02	1,696.90	1,711.48
T7 SWCV	45 MPH	0.06%	0.40	0.01	468.74	472.69	421.87	425.82
T7 tractor	45 MPH	3.36%	29.17	0.93	25,244.02	25,531.60	22,719.62	23,007.20
T7 tractor construction	45 MPH	0.19%	1.63	0.05	1,405.76	1,421.83	1,265.19	1,281.25
T7 utility	45 MPH	0.01%	0.02	0.00	40.67	40.90	36.61	36.83
T7IS	45 MPH	0.04%	0.89	0.03	81.86	90.61	73.67	82.42
UBUS	45 MPH	0.08%	1.76	0.06	694.65	711.97	625.18	642.51

All Other Buses	50 MPH	0.04%	0.13	0.00	131.02	132.34	117.92	119.24
LDA	50 MPH	43.63%	7.64	0.24	41,760.82	41,836.14	24,838.45	24,913.78
LDT1	50 MPH	6.47%	1.30	0.04	7,188.25	7,201.03	4,376.90	4,389.68
LDT2	50 MPH	16.10%	3.46	0.11	20,930.30	20,964.37	14,220.22	14,254.30
LHD1	50 MPH	4.45%	6.38	0.20	6,981.79	7,044.64	6,283.61	6,346.46
LHD2	50 MPH	0.74%	1.38	0.04	1,204.05	1,217.69	1,083.64	1,097.29
MCY	50 MPH	0.68%	2.67	0.08	330.73	357.03	297.66	323.96
MDV	50 MPH	16.54%	4.80	0.15	27,534.23	27,581.52	19,153.04	19,200.33
MH	50 MPH	0.13%	0.31	0.01	245.92	249.02	221.33	224.42
Motor Coach	50 MPH	0.07%	0.34	0.01	343.82	347.17	309.44	312.78
OBUS	50 MPH	0.07%	0.04	0.00	99.47	99.89	89.52	89.94
PTO	50 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
SBUS	50 MPH	0.01%	0.10	0.00	37.38	38.38	33.64	34.64
T6 Ag	50 MPH	0.05%	0.18	0.01	180.97	182.70	162.87	164.60
T6 CAIRP heavy	50 MPH	0.00%	0.01	0.00	9.35	9.43	8.42	8.49
T6 CAIRP small	50 MPH	0.01%	0.02	0.00	32.37	32.61	29.14	29.37
T6 instate construction heavy	50 MPH	0.09%	0.28	0.01	293.16	295.94	263.84	266.62
T6 instate construction small	50 MPH	0.24%	0.67	0.02	802.22	808.80	722.00	728.58
T6 instate heavy	50 MPH	0.21%	0.66	0.02	688.47	695.01	619.62	626.16
T6 instate small	50 MPH	0.56%	1.56	0.05	1,876.35	1,891.77	1,688.72	1,704.13
T6 OOS heavy	50 MPH	0.00%	0.00	0.00	5.36	5.40	4.83	4.87
T6 OOS small	50 MPH	0.01%	0.01	0.00	18.56	18.70	16.70	16.84
T6 Public	50 MPH	0.02%	0.08	0.00	75.74	76.49	68.16	68.92
T6 utility	50 MPH	0.01%	0.01	0.00	19.69	19.80	17.72	17.83
T6TS	50 MPH	0.22%	0.12	0.00	321.78	322.99	289.60	290.82
T7 Ag	50 MPH	0.18%	1.02	0.03	952.05	962.06	856.84	866.85
T7 CAIRP	50 MPH	2.07%	12.02	0.38	10,662.81	10,781.33	9,596.53	9,715.05
T7 CAIRP construction	50 MPH	0.08%	0.49	0.02	437.59	442.45	393.83	398.69
T7 NNOOS	50 MPH	2.32%	10.85	0.35	11,995.25	12,102.20	10,795.73	10,902.68
T7 NOOS	50 MPH	0.75%	4.38	0.14	3,883.12	3,926.29	3,494.81	3,537.98
T7 other port	50 MPH	0.03%	0.25	0.01	173.18	175.69	155.86	158.37
T7 POAK	50 MPH	0.21%	1.59	0.05	1,077.31	1,092.94	969.58	985.21
T7 POLA	50 MPH	0.34%	2.60	0.08	1,766.09	1,791.72	1,589.49	1,615.11
T7 Public	50 MPH	0.03%	0.28	0.01	136.24	139.05	122.62	125.42
T7 Single	50 MPH	0.19%	0.75	0.02	980.53	987.97	882.48	889.92
T7 single construction	50 MPH	0.22%	0.87	0.03	1,131.99	1,140.58	1,018.79	1,027.39
T7 SWCV	50 MPH	0.05%	0.24	0.01	281.43	283.76	253.29	255.62
T7 tractor	50 MPH	2.94%	17.18	0.55	15,156.19	15,325.58	13,640.57	13,809.96
T7 tractor construction	50 MPH	0.16%	0.96	0.03	844.00	853.46	759.60	769.06
T7 utility	50 MPH	0.00%	0.01	0.00	24.42	24.55	21.98	22.11
T7IS	50 MPH	0.03%	0.57	0.02	50.92	56.52	45.82	51.43
UBUS	50 MPH	0.04%	0.58	0.02	208.84	214.57	187.95	193.68

All Other Buses	55 MPH	0.07%	0.12	0.00	116.61	117.77	104.95	106.11
LDA	55 MPH	41.37%	3.52	0.11	19,856.07	19,890.73	11,810.00	11,844.66
LDT1	55 MPH	6.13%	0.60	0.02	3,417.24	3,423.13	2,080.74	2,086.63
LDT2	55 MPH	15.27%	1.59	0.05	9,949.38	9,965.07	6,759.69	6,775.38
LHD1	55 MPH	2.32%	1.79	0.06	1,819.70	1,837.36	1,637.73	1,655.39
LHD2	55 MPH	0.46%	0.46	0.01	368.03	372.61	331.22	335.81
MCY	55 MPH	0.64%	1.27	0.04	165.02	177.53	148.52	161.03
MDV	55 MPH	15.68%	2.22	0.07	13,088.69	13,110.55	9,104.59	9,126.45
MH	55 MPH	0.23%	0.26	0.01	209.30	211.84	188.37	190.91
Motor Coach	55 MPH	0.10%	0.25	0.01	254.64	257.10	229.18	231.63
OBUS	55 MPH	0.11%	0.04	0.00	84.88	85.22	76.39	76.74
PTO	55 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
SBUS	55 MPH	0.03%	0.09	0.00	34.24	35.14	30.82	31.72
T6 Ag	55 MPH	0.10%	0.16	0.00	161.06	162.59	144.95	146.49
T6 CAIRP heavy	55 MPH	0.01%	0.01	0.00	8.32	8.39	7.49	7.56
T6 CAIRP small	55 MPH	0.02%	0.02	0.00	28.81	29.02	25.93	26.14
T6 instate construction heavy	55 MPH	0.16%	0.25	0.01	260.91	263.37	234.82	237.28
T6 instate construction small	55 MPH	0.45%	0.59	0.02	713.98	719.80	642.58	648.40
T6 instate heavy	55 MPH	0.38%	0.59	0.02	612.74	618.52	551.47	557.24
T6 instate small	55 MPH	1.05%	1.38	0.04	1,669.97	1,683.58	1,502.97	1,516.59
T6 OOS heavy	55 MPH	0.00%	0.00	0.00	4.77	4.81	4.29	4.33
T6 OOS small	55 MPH	0.01%	0.01	0.00	16.52	16.64	14.87	14.99
T6 Public	55 MPH	0.04%	0.07	0.00	67.41	68.08	60.67	61.34
T6 utility	55 MPH	0.01%	0.01	0.00	17.53	17.62	15.78	15.87
T6TS	55 MPH	0.36%	0.10	0.00	274.56	275.58	247.11	248.13
T7 Ag	55 MPH	0.29%	0.75	0.02	705.11	712.46	634.59	641.95
T7 CAIRP	55 MPH	3.20%	8.83	0.28	7,897.09	7,984.18	7,107.38	7,194.48
T7 CAIRP construction	55 MPH	0.13%	0.36	0.01	324.09	327.66	291.68	295.25
T7 NNOOS	55 MPH	3.60%	7.97	0.25	8,883.92	8,962.51	7,995.53	8,074.12
T7 NOOS	55 MPH	1.17%	3.22	0.10	2,875.92	2,907.64	2,588.33	2,620.04
T7 other port	55 MPH	0.05%	0.19	0.01	128.26	130.11	115.43	117.28
T7 POAK	55 MPH	0.32%	1.17	0.04	797.88	809.36	718.09	729.58
T7 POLA	55 MPH	0.53%	1.91	0.06	1,308.01	1,326.84	1,177.20	1,196.04
T7 Public	55 MPH	0.04%	0.21	0.01	100.90	103.01	90.81	92.92
T7 Single	55 MPH	0.29%	0.55	0.02	726.20	731.67	653.58	659.05
T7 single construction	55 MPH	0.34%	0.64	0.02	838.38	844.69	754.54	760.85
T7 SWCV	55 MPH	0.08%	0.17	0.01	208.43	210.15	187.59	189.31
T7 tractor	55 MPH	4.55%	12.63	0.40	11,224.98	11,349.45	10,102.48	10,226.95
T7 tractor construction	55 MPH	0.25%	0.71	0.02	625.08	632.04	562.58	569.53
T7 utility	55 MPH	0.01%	0.01	0.00	18.09	18.18	16.28	16.37
T7IS	55 MPH	0.06%	0.53	0.02	48.76	53.96	43.88	49.09
UBUS	55 MPH	0.06%	0.51	0.02	159.81	164.83	143.83	148.85

All Other Buses	60 MPH	0.09%	0.17	0.01	166.21	167.87	149.58	151.25
LDA	60 MPH	47.91%	4.84	0.15	28,826.60	28,874.32	17,145.54	17,193.26
LDT1	60 MPH	7.10%	0.82	0.03	4,960.39	4,968.52	3,020.35	3,028.48
LDT2	60 MPH	17.68%	2.19	0.07	14,441.01	14,462.64	9,811.34	9,832.97
LHD1	60 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
LHD2	60 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
MCY	60 MPH	0.74%	1.79	0.06	251.47	269.14	226.33	244.00
MDV	60 MPH	18.16%	3.07	0.10	18,997.87	19,028.14	13,215.06	13,245.34
MH	60 MPH	0.27%	0.36	0.01	312.37	315.91	281.14	284.67
Motor Coach	60 MPH	0.03%	0.09	0.00	92.01	92.90	82.81	83.70
OBUS	60 MPH	0.13%	0.05	0.00	130.12	130.61	117.11	117.60
PTO	60 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
SBUS	60 MPH	0.01%	0.06	0.00	23.13	23.72	20.81	21.41
T6 Ag	60 MPH	0.12%	0.22	0.01	229.57	231.76	206.61	208.80
T6 CAIRP heavy	60 MPH	0.01%	0.01	0.00	11.86	11.96	10.68	10.77
T6 CAIRP small	60 MPH	0.02%	0.03	0.00	41.07	41.37	36.96	37.26
T6 instate construction heavy	60 MPH	0.20%	0.36	0.01	371.89	375.40	334.70	338.21
T6 instate construction small	60 MPH	0.55%	0.84	0.03	1,017.66	1,025.99	915.90	924.22
T6 instate heavy	60 MPH	0.47%	0.84	0.03	873.36	881.63	786.03	794.29
T6 instate small	60 MPH	1.28%	1.98	0.06	2,380.26	2,399.75	2,142.24	2,161.72
T6 OOS heavy	60 MPH	0.00%	0.01	0.00	6.80	6.85	6.12	6.17
T6 OOS small	60 MPH	0.01%	0.02	0.00	23.55	23.72	21.19	21.36
T6 Public	60 MPH	0.05%	0.10	0.00	96.08	97.04	86.47	87.44
T6 utility	60 MPH	0.01%	0.01	0.00	24.98	25.12	22.48	22.62
T6TS	60 MPH	0.42%	0.15	0.00	420.93	422.36	378.83	380.27
T7 Ag	60 MPH	0.09%	0.27	0.01	254.78	257.45	229.30	231.97
T7 CAIRP	60 MPH	0.99%	3.21	0.10	2,853.50	2,885.11	2,568.15	2,599.76
T7 CAIRP construction	60 MPH	0.04%	0.13	0.00	117.10	118.40	105.39	106.69
T7 NNOOS	60 MPH	1.12%	2.89	0.09	3,210.08	3,238.60	2,889.07	2,917.59
T7 NOOS	60 MPH	0.36%	1.17	0.04	1,039.17	1,050.68	935.26	946.77
T7 other port	60 MPH	0.02%	0.07	0.00	46.35	47.02	41.71	42.38
T7 POAK	60 MPH	0.10%	0.42	0.01	288.30	292.47	259.47	263.64
T7 POLA	60 MPH	0.16%	0.69	0.02	472.63	479.46	425.37	432.20
T7 Public	60 MPH	0.01%	0.08	0.00	36.46	37.23	32.81	33.58
T7 Single	60 MPH	0.09%	0.20	0.01	262.40	264.39	236.16	238.15
T7 single construction	60 MPH	0.11%	0.23	0.01	302.94	305.23	272.64	274.93
T7 SWCV	60 MPH	0.03%	0.06	0.00	75.31	75.94	67.78	68.41
T7 tractor	60 MPH	1.41%	4.58	0.15	4,055.99	4,101.16	3,650.39	3,695.56
T7 tractor construction	60 MPH	0.08%	0.26	0.01	225.87	228.39	203.28	205.80
T7 utility	60 MPH	0.00%	0.00	0.00	6.53	6.57	5.88	5.92
T7IS	60 MPH	0.02%	0.16	0.01	15.99	17.57	14.39	15.97
UBUS	60 MPH	0.09%	1.19	0.04	312.71	324.44	281.44	293.17

All Other Buses	65 MPH	0.01%	0.05	0.00	44.18	44.63	39.76	40.21
LDA	65 MPH	50.70%	8.97	0.29	57,456.08	57,544.55	34,173.94	34,262.41
LDT1	65 MPH	7.51%	1.54	0.05	9,885.37	9,900.50	6,019.13	6,034.26
LDT2	65 MPH	18.71%	4.07	0.13	28,776.22	28,816.39	19,550.81	19,590.97
LHD1	65 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
LHD2	65 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
MCY	65 MPH	0.79%	3.38	0.11	526.55	559.85	473.89	507.19
MDV	65 MPH	19.21%	5.74	0.18	37,857.23	37,913.84	26,333.79	26,390.39
MH	65 MPH	0.04%	0.10	0.00	92.35	93.30	83.12	84.06
Motor Coach	65 MPH	0.02%	0.09	0.00	85.12	85.96	76.61	77.45
OBUS	65 MPH	0.02%	0.01	0.00	40.11	40.24	36.10	36.23
PTO	65 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
SBUS	65 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T6 Ag	65 MPH	0.02%	0.06	0.00	61.02	61.62	54.92	55.51
T6 CAIRP heavy	65 MPH	0.00%	0.00	0.00	3.15	3.18	2.84	2.86
T6 CAIRP small	65 MPH	0.00%	0.01	0.00	10.92	11.00	9.83	9.91
T6 instate construction heavy	65 MPH	0.03%	0.10	0.00	98.85	99.80	88.97	89.92
T6 instate construction small	65 MPH	0.08%	0.23	0.01	270.51	272.76	243.46	245.71
T6 instate heavy	65 MPH	0.07%	0.23	0.01	232.15	234.39	208.94	211.17
T6 instate small	65 MPH	0.20%	0.53	0.02	632.72	637.98	569.44	574.71
T6 OOS heavy	65 MPH	0.00%	0.00	0.00	1.81	1.82	1.63	1.64
T6 OOS small	65 MPH	0.00%	0.00	0.00	6.26	6.30	5.63	5.68
T6 Public	65 MPH	0.01%	0.03	0.00	25.54	25.80	22.99	23.25
T6 utility	65 MPH	0.00%	0.00	0.00	6.64	6.68	5.98	6.01
T6TS	65 MPH	0.06%	0.04	0.00	129.77	130.15	116.79	117.17
T7 Ag	65 MPH	0.05%	0.25	0.01	235.71	238.22	212.14	214.65
T7 CAIRP	65 MPH	0.54%	3.01	0.10	2,639.94	2,669.66	2,375.95	2,405.67
T7 CAIRP construction	65 MPH	0.02%	0.12	0.00	108.34	109.56	97.51	98.73
T7 NNOOS	65 MPH	0.60%	2.72	0.09	2,969.83	2,996.65	2,672.85	2,699.67
T7 NOOS	65 MPH	0.20%	1.10	0.03	961.40	972.22	865.26	876.08
T7 other port	65 MPH	0.01%	0.06	0.00	42.88	43.51	38.59	39.22
T7 POAK	65 MPH	0.05%	0.40	0.01	266.72	270.64	240.05	243.97
T7 POLA	65 MPH	0.09%	0.65	0.02	437.26	443.68	393.53	399.96
T7 Public	65 MPH	0.01%	0.07	0.00	33.73	34.45	30.36	31.08
T7 Single	65 MPH	0.05%	0.19	0.01	242.76	244.63	218.49	220.35
T7 single construction	65 MPH	0.06%	0.22	0.01	280.26	282.42	252.24	254.39
T7 SWCV	65 MPH	0.01%	0.06	0.00	69.68	70.27	62.71	63.30
T7 tractor	65 MPH	0.76%	4.31	0.14	3,752.43	3,794.91	3,377.19	3,419.66
T7 tractor construction	65 MPH	0.04%	0.24	0.01	208.96	211.33	188.07	190.44
T7 utility	65 MPH	0.00%	0.00	0.00	6.05	6.08	5.44	5.47
T7IS	65 MPH	0.01%	0.15	0.00	16.91	18.37	15.21	16.68
UBUS	65 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00

All Other Buses	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
LDA	70 MPH	52.31%	0.00	0.00	5.55	5.56	3.30	3.31
LDT1	70 MPH	7.75%	0.00	0.00	0.96	0.96	0.58	0.58
LDT2	70 MPH	19.30%	0.00	0.00	2.78	2.78	1.89	1.89
LHD1	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
LHD2	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
MCY	70 MPH	0.81%	0.00	0.00	0.06	0.06	0.05	0.06
MDV	70 MPH	19.82%	0.00	0.00	3.66	3.66	2.54	2.55
MH	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
Motor Coach	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
OBUS	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
PTO	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
SBUS	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T6 Ag	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T6 CAIRP heavy	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T6 CAIRP small	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T6 instate construction heavy	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T6 instate construction small	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T6 instate heavy	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T6 instate small	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T6 OOS heavy	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T6 OOS small	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T6 Public	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T6 utility	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T6TS	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T7 Ag	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T7 CAIRP	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T7 CAIRP construction	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T7 NNOOS	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T7 NOOS	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T7 other port	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T7 POAK	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T7 POLA	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T7 Public	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T7 Single	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T7 single construction	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T7 SWCV	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T7 tractor	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T7 tractor construction	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T7 utility	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T7IS	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
UBUS	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL			**710.53**	**22.60**	**1,266,545.42**	**1,273,549.87**	**958,627.36**	**965,631.81**

N2O emissions were calculated using an off-model adjustment provided by CARB in AB 32 Technical Appendices. The off-model adjustment uses a linear regression correlating N2O with NOx. (N2O = 0.0167 + 0.0318 x NOx)

Daily vehicles miles traveled (VMT) multiplied by 347 days/year to account for reduced traffic on weekends and holidays. This assumption is consistent with the California Air Resources Board's (CARB) methodology within the Climate Change Scoping Plan Measure Documentation Supplement.

Based on the emission factors for Fresno County - San Joaquin Valley Air Basin

Baseline in P-2035 GHG Emissions (MTons/Year)

Based on EMFAC2011

	VMT Speed Bins (MPH)	Daily VMT	% of Total	Adjusted Daily VMT[1]	Adjusted Annual VMT[2]
5	0 - 5	45	0.00%	49	17,146
10	5 - 10	94	0.01%	103	35,817
15	10 - 15	99,293	5.74%	109,030	37,833,377
20	15 - 20	1,049	0.06%	1,152	399,698
25	20 - 25	6,076	0.35%	6,672	2,315,124
30	25 - 30	55,681	3.22%	61,141	21,216,000
35	30 - 35	31,035	1.79%	34,078	11,825,193
40	35 - 40	259,449	14.99%	284,891	98,857,239
45	40 - 45	401,014	23.17%	440,338	152,797,417
50	45 - 50	327,236	18.91%	359,326	124,685,960
55	50 - 55	90,535	5.23%	99,413	34,496,337
60	55 - 60	137,557	7.95%	151,046	52,413,019
65	60 - 65	321,351	18.57%	352,863	122,443,612
70	65 - 70	15	0.00%	16	5,715
	70 - 75	0	0.00%	0	0
	>75	0	0.00%	0	0
	Total	1,730,430		1,900,120	659,341,654
	SP	131,345		144,225	
	VMT/SP	13.17			

1. VMT is adjusted based on per capita VMT in the Traffic Study provided by Fehr and Peers (i.e., VMT/population and employment (service population)).

2. Adjusted Daily vehicles miles traveled (VMT) multiplied by 347 days/year to account for reduced traffic on weekends and holidays. This assumption is consistent with the California Air Resources Board's (CARB) methodology within the Climate Change Scoping Plan Measure Documentation Supplement.

Emission year				GWP	GWP			
Baseline in P-2035				310	1			
Vehicle Type	**Speed**	**Percent of VMT of SpeedBin**	**NOx**	**N_2O**	**CO_2**	**CO_2e**	**CO_2w/Pavley + LCF**	**CO_2e w/ Pavley + LCFS**
All Other Buses	05 MPH	0.25%	0.00	0	0.11	0	0.10	0
LDA	05 MPH	1.05%	0.00	0.00	0.20	0.20	0.12	0.12
LDT1	05 MPH	0.16%	0.00	0.00	0.04	0.04	0.02	0.02
LDT2	05 MPH	0.39%	0.00	0.00	0.10	0.10	0.07	0.07
LHD1	05 MPH	59.98%	0.01	0.00	18.07	18.13	16.26	16.32
LHD2	05 MPH	8.69%	0.00	0.00	1.91	1.92	1.72	1.73
MCY	05 MPH	0.02%	0.00	0.00	0.00	0.00	0.00	0.00
MDV	05 MPH	0.40%	0.00	0.00	0.13	0.13	0.09	0.09
MH	05 MPH	0.90%	0.00	0.00	0.39	0.39	0.35	0.35
Motor Coach	05 MPH	0.12%	0.00	0.00	0.08	0.08	0.07	0.07
OBUS	05 MPH	0.46%	0.00	0.00	0.20	0.20	0.18	0.18
PTO	05 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
SBUS	05 MPH	0.35%	0.00	0.00	0.15	0.16	0.14	0.14
T6 Ag	05 MPH	0.35%	0.00	0.00	0.15	0.16	0.14	0.14
T6 CAIRP heavy	05 MPH	0.02%	0.00	0.00	0.01	0.01	0.01	0.01
T6 CAIRP small	05 MPH	0.06%	0.00	0.00	0.03	0.03	0.02	0.03
T6 instate construction heavy	05 MPH	0.57%	0.00	0.00	0.25	0.25	0.23	0.23
T6 instate construction smal	05 MPH	1.56%	0.00	0.00	0.68	0.69	0.62	0.62
T6 instate heavy	05 MPH	1.34%	0.00	0.00	0.59	0.60	0.53	0.54
T6 instate small	05 MPH	3.65%	0.00	0.00	1.60	1.62	1.44	1.46
T6 OOS heavy	05 MPH	0.01%	0.00	0.00	0.00	0.00	0.00	0.00
T6 OOS small	05 MPH	0.04%	0.00	0.00	0.02	0.02	0.01	0.01
T6 Public	05 MPH	0.15%	0.00	0.00	0.06	0.07	0.06	0.06
T6 utility	05 MPH	0.04%	0.00	0.00	0.02	0.02	0.02	0.02
T6TS	05 MPH	1.47%	0.00	0.00	0.64	0.64	0.57	0.57
T7 Ag	05 MPH	0.33%	0.00	0.00	0.22	0.22	0.20	0.20
T7 CAIRP	05 MPH	3.64%	0.00	0.00	2.47	2.51	2.23	2.27
T7 CAIRP construction	05 MPH	0.15%	0.00	0.00	0.10	0.10	0.09	0.09
T7 NNOOS	05 MPH	4.10%	0.00	0.00	2.78	2.82	2.50	2.54
T7 NOOS	05 MPH	1.33%	0.00	0.00	0.90	0.92	0.81	0.83
T7 other port	05 MPH	0.06%	0.00	0.00	0.04	0.04	0.04	0.04
T7 POAK	05 MPH	0.37%	0.00	0.00	0.25	0.26	0.22	0.23
T7 POLA	05 MPH	0.60%	0.00	0.00	0.41	0.42	0.37	0.38
T7 Public	05 MPH	0.05%	0.00	0.00	0.03	0.03	0.03	0.03
T7 Single	05 MPH	0.34%	0.00	0.00	0.23	0.23	0.20	0.21
T7 single construction	05 MPH	0.39%	0.00	0.00	0.26	0.27	0.24	0.24
T7 SWCV	05 MPH	0.10%	0.00	0.00	0.07	0.07	0.06	0.06
T7 tractor	05 MPH	5.18%	0.01	0.00	3.51	3.57	3.16	3.22
T7 tractor construction	05 MPH	0.29%	0.00	0.00	0.20	0.20	0.18	0.18
T7 utility	05 MPH	0.01%	0.00	0.00	0.01	0.01	0.01	0.01
T7IS	05 MPH	0.07%	0.00	0.00	0.03	0.03	0.03	0.03
UBUS	05 MPH	1.00%	0.00	0.00	0.41	0.42	0.37	0.38

All Other Buses	10 MPH	0.30%	0.00	0.00	0.23	0.23	0.20	0.21
LDA	10 MPH	12.82%	0.00	0.00	3.83	3.83	2.28	2.28
LDT1	10 MPH	1.90%	0.00	0.00	0.66	0.66	0.40	0.40
LDT2	10 MPH	4.73%	0.00	0.00	1.92	1.92	1.31	1.31
LHD1	10 MPH	39.87%	0.01	0.00	20.86	20.94	18.77	18.85
LHD2	10 MPH	6.11%	0.00	0.00	2.41	2.42	2.17	2.18
MCY	10 MPH	0.20%	0.00	0.00	0.02	0.02	0.02	0.02
MDV	10 MPH	4.86%	0.00	0.00	2.53	2.53	1.76	1.76
MH	10 MPH	1.08%	0.00	0.00	0.80	0.80	0.72	0.72
Motor Coach	10 MPH	0.11%	0.00	0.00	0.12	0.13	0.11	0.11
OBUS	10 MPH	0.54%	0.00	0.00	0.40	0.40	0.36	0.36
PTO	10 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
SBUS	10 MPH	0.29%	0.00	0.00	0.22	0.23	0.20	0.21
T6 Ag	10 MPH	0.41%	0.00	0.00	0.31	0.32	0.28	0.29
T6 CAIRP heavy	10 MPH	0.02%	0.00	0.00	0.02	0.02	0.01	0.01
T6 CAIRP small	10 MPH	0.07%	0.00	0.00	0.06	0.06	0.05	0.05
T6 instate construction heavy	10 MPH	0.67%	0.00	0.00	0.51	0.52	0.46	0.46
T6 instate construction small	10 MPH	1.84%	0.00	0.00	1.39	1.41	1.25	1.27
T6 instate heavy	10 MPH	1.58%	0.00	0.00	1.20	1.21	1.08	1.09
T6 instate small	10 MPH	4.30%	0.00	0.00	3.26	3.30	2.93	2.97
T6 OOS heavy	10 MPH	0.01%	0.00	0.00	0.01	0.01	0.01	0.01
T6 OOS small	10 MPH	0.04%	0.00	0.00	0.03	0.03	0.03	0.03
T6 Public	10 MPH	0.17%	0.00	0.00	0.13	0.13	0.12	0.12
T6 utility	10 MPH	0.05%	0.00	0.00	0.03	0.03	0.03	0.03
T6TS	10 MPH	1.76%	0.00	0.00	1.28	1.28	1.15	1.15
T7 Ag	10 MPH	0.29%	0.00	0.00	0.34	0.35	0.31	0.32
T7 CAIRP	10 MPH	3.30%	0.01	0.00	3.86	3.92	3.48	3.54
T7 CAIRP construction	10 MPH	0.14%	0.00	0.00	0.16	0.16	0.14	0.15
T7 NNOOS	10 MPH	3.71%	0.01	0.00	4.35	4.40	3.91	3.96
T7 NOOS	10 MPH	1.20%	0.00	0.00	1.41	1.43	1.27	1.29
T7 other port	10 MPH	0.05%	0.00	0.00	0.06	0.06	0.06	0.06
T7 POAK	10 MPH	0.33%	0.00	0.00	0.39	0.40	0.35	0.36
T7 POLA	10 MPH	0.55%	0.00	0.00	0.64	0.65	0.58	0.59
T7 Public	10 MPH	0.04%	0.00	0.00	0.05	0.05	0.04	0.05
T7 Single	10 MPH	0.30%	0.00	0.00	0.36	0.36	0.32	0.32
T7 single construction	10 MPH	0.35%	0.00	0.00	0.41	0.41	0.37	0.37
T7 SWCV	10 MPH	0.09%	0.00	0.00	0.10	0.10	0.09	0.09
T7 tractor	10 MPH	4.69%	0.01	0.00	5.49	5.58	4.94	5.03
T7 tractor construction	10 MPH	0.26%	0.00	0.00	0.31	0.31	0.28	0.28
T7 utility	10 MPH	0.01%	0.00	0.00	0.01	0.01	0.01	0.01
T7IS	10 MPH	0.08%	0.00	0.00	0.06	0.06	0.05	0.06
UBUS	10 MPH	0.85%	0.00	0.00	0.68	0.70	0.61	0.63

All Other Buses	15 MPH	0.26%	0.22	0.01	170.97	173.17	153.88	156.07
LDA	15 MPH	4.91%	0.15	0.00	1,198.69	1,200.18	712.94	714.43
LDT1	15 MPH	0.73%	0.03	0.00	206.44	206.70	125.70	125.96
LDT2	15 MPH	1.81%	0.07	0.00	601.35	602.03	408.56	409.24
LHD1	15 MPH	57.35%	10.55	0.34	23,022.64	23,126.59	20,720.38	20,824.33
LHD2	15 MPH	8.68%	2.18	0.07	2,803.02	2,824.54	2,522.72	2,544.24
MCY	15 MPH	0.08%	0.03	0.00	5.91	6.24	5.32	5.65
MDV	15 MPH	1.86%	0.10	0.00	791.02	791.96	550.24	551.18
MH	15 MPH	0.88%	0.43	0.01	488.81	493.02	439.93	444.14
Motor Coach	15 MPH	0.08%	0.11	0.00	84.80	85.85	76.32	77.37
OBUS	15 MPH	0.44%	0.02	0.00	231.90	232.13	208.71	208.94
PTO	15 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
SBUS	15 MPH	0.37%	0.67	0.02	232.45	239.06	209.20	215.82
T6 Ag	15 MPH	0.36%	0.29	0.01	236.15	239.04	212.54	215.43
T6 CAIRP heavy	15 MPH	0.02%	0.01	0.00	12.20	12.33	10.98	11.11
T6 CAIRP small	15 MPH	0.06%	0.04	0.00	42.25	42.64	38.02	38.41
T6 instate construction heavy	15 MPH	0.58%	0.47	0.01	382.56	387.19	344.30	348.93
T6 instate construction small	15 MPH	1.59%	1.11	0.04	1,046.86	1,057.83	942.18	953.14
T6 instate heavy	15 MPH	1.37%	1.11	0.04	898.42	909.32	808.58	819.48
T6 instate small	15 MPH	3.73%	2.60	0.08	2,448.57	2,474.24	2,203.71	2,229.38
T6 OOS heavy	15 MPH	0.01%	0.01	0.00	7.00	7.07	6.30	6.37
T6 OOS small	15 MPH	0.04%	0.02	0.00	24.22	24.45	21.80	22.02
T6 Public	15 MPH	0.15%	0.12	0.00	98.83	99.99	88.95	90.10
T6 utility	15 MPH	0.04%	0.02	0.00	25.70	25.87	23.13	23.30
T6TS	15 MPH	1.42%	0.07	0.00	750.17	750.86	675.15	675.84
T7 Ag	15 MPH	0.23%	0.32	0.01	234.80	237.95	211.32	214.47
T7 CAIRP	15 MPH	2.59%	3.78	0.12	2,629.74	2,667.05	2,366.77	2,404.07
T7 CAIRP construction	15 MPH	0.11%	0.16	0.00	107.92	109.45	97.13	98.66
T7 NNOOS	15 MPH	2.91%	3.41	0.11	2,958.36	2,992.02	2,662.52	2,696.19
T7 NOOS	15 MPH	0.94%	1.38	0.04	957.69	971.27	861.92	875.50
T7 other port	15 MPH	0.04%	0.08	0.00	42.71	43.50	38.44	39.23
T7 POAK	15 MPH	0.26%	0.50	0.02	265.69	270.61	239.12	244.04
T7 POLA	15 MPH	0.43%	0.82	0.03	435.57	443.63	392.01	400.08
T7 Public	15 MPH	0.03%	0.07	0.00	33.60	34.28	30.24	30.92
T7 Single	15 MPH	0.24%	0.24	0.01	241.83	244.17	217.64	219.98
T7 single construction	15 MPH	0.27%	0.27	0.01	279.18	281.88	251.26	253.97
T7 SWCV	15 MPH	0.07%	0.07	0.00	69.41	70.12	62.47	63.18
T7 tractor	15 MPH	3.68%	5.41	0.17	3,737.94	3,791.25	3,364.14	3,417.46
T7 tractor construction	15 MPH	0.21%	0.30	0.01	208.15	211.13	187.34	190.32
T7 utility	15 MPH	0.01%	0.00	0.00	6.02	6.06	5.42	5.46
T7IS	15 MPH	0.06%	0.08	0.00	30.46	31.28	27.42	28.24
UBUS	15 MPH	1.10%	2.58	0.08	844.50	869.91	760.05	785.46

All Other Buses	20 MPH	0.06%	0.00	0.00	0.32	0.32	0.29	0.29
LDA	20 MPH	39.28%	0.01	0.00	80.68	80.79	47.99	48.10
LDT1	20 MPH	5.82%	0.00	0.00	13.90	13.92	8.46	8.48
LDT2	20 MPH	14.49%	0.01	0.00	40.48	40.53	27.50	27.55
LHD1	20 MPH	13.71%	0.02	0.00	45.02	45.25	40.51	40.75
LHD2	20 MPH	2.05%	0.00	0.00	5.78	5.83	5.20	5.25
MCY	20 MPH	0.61%	0.00	0.00	0.44	0.46	0.39	0.42
MDV	20 MPH	14.89%	0.01	0.00	53.24	53.31	37.04	37.11
MH	20 MPH	0.19%	0.00	0.00	0.84	0.85	0.76	0.77
Motor Coach	20 MPH	0.04%	0.00	0.00	0.33	0.33	0.29	0.30
OBUS	20 MPH	0.10%	0.00	0.00	0.39	0.39	0.35	0.35
PTO	20 MPH	0.71%	0.01	0.00	6.02	6.07	5.41	5.47
SBUS	20 MPH	0.11%	0.00	0.00	0.54	0.56	0.49	0.50
T6 Ag	20 MPH	0.08%	0.00	0.00	0.44	0.44	0.40	0.40
T6 CAIRP heavy	20 MPH	0.00%	0.00	0.00	0.02	0.02	0.02	0.02
T6 CAIRP small	20 MPH	0.01%	0.00	0.00	0.08	0.08	0.07	0.07
T6 instate construction heavy	20 MPH	0.13%	0.00	0.00	0.71	0.72	0.64	0.65
T6 instate construction small	20 MPH	0.36%	0.00	0.00	1.95	1.97	1.75	1.77
T6 instate heavy	20 MPH	0.31%	0.00	0.00	1.67	1.69	1.50	1.52
T6 instate small	20 MPH	0.83%	0.00	0.00	4.55	4.60	4.10	4.14
T6 OOS heavy	20 MPH	0.00%	0.00	0.00	0.01	0.01	0.01	0.01
T6 OOS small	20 MPH	0.01%	0.00	0.00	0.05	0.05	0.04	0.04
T6 Public	20 MPH	0.03%	0.00	0.00	0.18	0.19	0.17	0.17
T6 utility	20 MPH	0.01%	0.00	0.00	0.05	0.05	0.04	0.04
T6TS	20 MPH	0.31%	0.00	0.00	1.25	1.25	1.12	1.13
T7 Ag	20 MPH	0.11%	0.00	0.00	0.90	0.91	0.81	0.82
T7 CAIRP	20 MPH	1.19%	0.01	0.00	10.09	10.23	9.08	9.22
T7 CAIRP construction	20 MPH	0.05%	0.00	0.00	0.41	0.42	0.37	0.38
T7 NNOOS	20 MPH	1.34%	0.01	0.00	11.35	11.48	10.22	10.34
T7 NOOS	20 MPH	0.43%	0.01	0.00	3.68	3.73	3.31	3.36
T7 other port	20 MPH	0.02%	0.00	0.00	0.16	0.17	0.15	0.15
T7 POAK	20 MPH	0.12%	0.00	0.00	1.02	1.04	0.92	0.94
T7 POLA	20 MPH	0.20%	0.00	0.00	1.67	1.70	1.50	1.53
T7 Public	20 MPH	0.02%	0.00	0.00	0.13	0.13	0.12	0.12
T7 Single	20 MPH	0.11%	0.00	0.00	0.93	0.94	0.84	0.84
T7 single construction	20 MPH	0.13%	0.00	0.00	1.07	1.08	0.96	0.97
T7 SWCV	20 MPH	0.03%	0.00	0.00	0.27	0.27	0.24	0.24
T7 tractor	20 MPH	1.70%	0.02	0.00	14.35	14.54	12.91	13.11
T7 tractor construction	20 MPH	0.09%	0.00	0.00	0.80	0.81	0.72	0.73
T7 utility	20 MPH	0.00%	0.00	0.00	0.02	0.02	0.02	0.02
T7IS	20 MPH	0.02%	0.00	0.00	0.08	0.09	0.08	0.08
UBUS	20 MPH	0.30%	0.01	0.00	2.34	2.40	2.11	2.17

All Other Buses	25 MPH	0.15%	0.01	0.00	4.36	4.41	3.93	3.98
LDA	25 MPH	23.36%	0.04	0.00	231.43	231.79	137.65	138.00
LDT1	25 MPH	3.46%	0.01	0.00	39.85	39.91	24.27	24.33
LDT2	25 MPH	8.62%	0.02	0.00	116.08	116.24	78.86	79.02
LHD1	25 MPH	28.80%	0.27	0.01	449.10	451.78	404.19	406.87
LHD2	25 MPH	4.65%	0.06	0.00	66.20	66.78	59.58	60.16
MCY	25 MPH	0.36%	0.01	0.00	1.35	1.44	1.21	1.31
MDV	25 MPH	8.85%	0.02	0.00	152.69	152.91	106.21	106.43
MH	25 MPH	0.52%	0.01	0.00	10.41	10.52	9.37	9.48
Motor Coach	25 MPH	0.10%	0.01	0.00	4.42	4.47	3.98	4.03
OBUS	25 MPH	0.26%	0.00	0.00	4.64	4.65	4.18	4.18
PTO	25 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
SBUS	25 MPH	0.41%	0.03	0.00	10.68	10.99	9.61	9.92
T6 Ag	25 MPH	0.20%	0.01	0.00	6.03	6.09	5.42	5.49
T6 CAIRP heavy	25 MPH	0.01%	0.00	0.00	0.31	0.31	0.28	0.28
T6 CAIRP small	25 MPH	0.04%	0.00	0.00	1.08	1.09	0.97	0.98
T6 instate construction heavy	25 MPH	0.33%	0.01	0.00	9.76	9.87	8.78	8.89
T6 instate construction small	25 MPH	0.90%	0.03	0.00	26.71	26.97	24.04	24.30
T6 instate heavy	25 MPH	0.77%	0.03	0.00	22.92	23.18	20.63	20.89
T6 instate small	25 MPH	2.11%	0.06	0.00	62.47	63.07	56.22	56.83
T6 OOS heavy	25 MPH	0.01%	0.00	0.00	0.18	0.18	0.16	0.16
T6 OOS small	25 MPH	0.02%	0.00	0.00	0.62	0.62	0.56	0.56
T6 Public	25 MPH	0.09%	0.00	0.00	2.52	2.55	2.27	2.30
T6 utility	25 MPH	0.02%	0.00	0.00	0.66	0.66	0.59	0.59
T6TS	25 MPH	0.84%	0.00	0.00	15.01	15.03	13.51	13.53
T7 Ag	25 MPH	0.27%	0.02	0.00	12.25	12.40	11.03	11.18
T7 CAIRP	25 MPH	3.00%	0.18	0.01	137.20	139.00	123.48	125.28
T7 CAIRP construction	25 MPH	0.12%	0.01	0.00	5.63	5.70	5.07	5.14
T7 NNOOS	25 MPH	3.38%	0.16	0.01	154.35	155.97	138.91	140.53
T7 NOOS	25 MPH	1.09%	0.07	0.00	49.97	50.62	44.97	45.62
T7 other port	25 MPH	0.05%	0.00	0.00	2.23	2.27	2.01	2.04
T7 POAK	25 MPH	0.30%	0.02	0.00	13.86	14.10	12.48	12.71
T7 POLA	25 MPH	0.50%	0.04	0.00	22.73	23.11	20.45	20.84
T7 Public	25 MPH	0.04%	0.00	0.00	1.75	1.79	1.58	1.61
T7 Single	25 MPH	0.28%	0.01	0.00	12.62	12.73	11.36	11.47
T7 single construction	25 MPH	0.32%	0.01	0.00	14.57	14.70	13.11	13.24
T7 SWCV	25 MPH	0.08%	0.00	0.00	3.62	3.66	3.26	3.29
T7 tractor	25 MPH	4.26%	0.26	0.01	195.02	197.58	175.52	178.08
T7 tractor construction	25 MPH	0.24%	0.01	0.00	10.86	11.00	9.77	9.92
T7 utility	25 MPH	0.01%	0.00	0.00	0.31	0.32	0.28	0.28
T7IS	25 MPH	0.07%	0.01	0.00	1.18	1.24	1.06	1.12
UBUS	25 MPH	1.12%	0.12	0.00	48.02	49.20	43.21	44.40

All Other Buses	30 MPH	0.10%	0.03	0.00	24.53	24.81	22.07	22.35
LDA	30 MPH	34.63%	0.45	0.01	2,703.86	2,708.34	1,608.18	1,612.66
LDT1	30 MPH	5.13%	0.08	0.00	465.57	466.33	283.48	284.24
LDT2	30 MPH	12.78%	0.21	0.01	1,355.98	1,358.01	921.26	923.29
LHD1	30 MPH	13.61%	1.12	0.04	1,678.37	1,689.45	1,510.53	1,521.62
LHD2	30 MPH	2.18%	0.23	0.01	257.27	259.58	231.54	233.86
MCY	30 MPH	0.54%	0.13	0.00	16.95	18.20	15.25	16.50
MDV	30 MPH	13.13%	0.28	0.01	1,783.70	1,786.50	1,240.75	1,243.55
MH	30 MPH	0.32%	0.06	0.00	49.93	50.50	44.93	45.51
Motor Coach	30 MPH	0.09%	0.04	0.00	34.93	35.31	31.43	31.82
OBUS	30 MPH	0.16%	0.01	0.00	21.08	21.13	18.97	19.02
PTO	30 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
SBUS	30 MPH	0.27%	0.17	0.01	58.00	59.65	52.20	53.86
T6 Ag	30 MPH	0.13%	0.04	0.00	33.88	34.24	30.49	30.86
T6 CAIRP heavy	30 MPH	0.01%	0.00	0.00	1.75	1.77	1.58	1.59
T6 CAIRP small	30 MPH	0.02%	0.01	0.00	6.06	6.11	5.45	5.50
T6 instate construction heavy	30 MPH	0.22%	0.06	0.00	54.88	55.47	49.39	49.98
T6 instate construction small	30 MPH	0.59%	0.14	0.00	150.18	151.57	135.16	136.55
T6 instate heavy	30 MPH	0.51%	0.14	0.00	128.88	130.27	115.99	117.38
T6 instate small	30 MPH	1.38%	0.33	0.01	351.26	354.52	316.13	319.39
T6 OOS heavy	30 MPH	0.00%	0.00	0.00	1.00	1.01	0.90	0.91
T6 OOS small	30 MPH	0.01%	0.00	0.00	3.47	3.50	3.13	3.16
T6 Public	30 MPH	0.06%	0.02	0.00	14.18	14.33	12.76	12.91
T6 utility	30 MPH	0.01%	0.00	0.00	3.69	3.71	3.32	3.34
T6TS	30 MPH	0.52%	0.02	0.00	68.18	68.34	61.36	61.52
T7 Ag	30 MPH	0.25%	0.12	0.00	96.71	97.86	87.04	88.19
T7 CAIRP	30 MPH	2.75%	1.38	0.04	1,083.17	1,096.76	974.86	988.44
T7 CAIRP construction	30 MPH	0.11%	0.06	0.00	44.45	45.01	40.01	40.56
T7 NNOOS	30 MPH	3.10%	1.24	0.04	1,218.53	1,230.79	1,096.68	1,108.94
T7 NOOS	30 MPH	1.00%	0.50	0.02	394.46	399.41	355.02	359.97
T7 other port	30 MPH	0.04%	0.03	0.00	17.59	17.88	15.83	16.12
T7 POAK	30 MPH	0.28%	0.18	0.01	109.44	111.23	98.49	100.29
T7 POLA	30 MPH	0.46%	0.30	0.01	179.41	182.35	161.47	164.40
T7 Public	30 MPH	0.03%	0.03	0.00	13.84	14.11	12.46	12.73
T7 Single	30 MPH	0.25%	0.09	0.00	99.61	100.46	89.65	90.50
T7 single construction	30 MPH	0.29%	0.10	0.00	114.99	115.98	103.49	104.48
T7 SWCV	30 MPH	0.07%	0.03	0.00	28.59	28.85	25.73	25.99
T7 tractor	30 MPH	3.91%	1.97	0.06	1,539.63	1,559.05	1,385.67	1,405.09
T7 tractor construction	30 MPH	0.22%	0.11	0.00	85.74	86.82	77.16	78.25
T7 utility	30 MPH	0.01%	0.00	0.00	2.48	2.50	2.23	2.25
T7IS	30 MPH	0.07%	0.06	0.00	8.63	9.23	7.77	8.36
UBUS	30 MPH	0.76%	0.70	0.02	292.47	299.32	263.22	270.08

All Other Buses	35 MPH	0.06%	0.01	0.00	7.47	7.55	6.72	6.80
LDA	35 MPH	43.09%	0.30	0.01	1,672.89	1,675.81	994.99	997.91
LDT1	35 MPH	6.39%	0.05	0.00	288.04	288.53	175.38	175.88
LDT2	35 MPH	15.90%	0.13	0.00	838.86	840.18	569.93	571.25
LHD1	35 MPH	2.87%	0.13	0.00	177.80	179.10	160.02	161.32
LHD2	35 MPH	0.50%	0.03	0.00	30.72	31.01	27.65	27.94
MCY	35 MPH	0.67%	0.09	0.00	11.21	12.08	10.09	10.96
MDV	35 MPH	16.33%	0.19	0.01	1,103.48	1,105.31	767.59	769.42
MH	35 MPH	0.19%	0.02	0.00	14.78	14.96	13.30	13.48
Motor Coach	35 MPH	0.08%	0.02	0.00	16.22	16.40	14.60	14.77
OBUS	35 MPH	0.10%	0.00	0.00	6.09	6.11	5.48	5.50
PTO	35 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
SBUS	35 MPH	0.13%	0.04	0.00	15.06	15.48	13.55	13.98
T6 Ag	35 MPH	0.08%	0.01	0.00	10.31	10.42	9.28	9.39
T6 CAIRP heavy	35 MPH	0.00%	0.00	0.00	0.53	0.54	0.48	0.48
T6 CAIRP small	35 MPH	0.01%	0.00	0.00	1.85	1.86	1.66	1.68
T6 instate construction heavy	35 MPH	0.12%	0.02	0.00	16.71	16.88	15.04	15.21
T6 instate construction small	35 MPH	0.34%	0.04	0.00	45.72	46.13	41.15	41.56
T6 instate heavy	35 MPH	0.29%	0.04	0.00	39.24	39.64	35.32	35.72
T6 instate small	35 MPH	0.80%	0.10	0.00	106.94	107.90	96.25	97.20
T6 OOS heavy	35 MPH	0.00%	0.00	0.00	0.31	0.31	0.28	0.28
T6 OOS small	35 MPH	0.01%	0.00	0.00	1.06	1.07	0.95	0.96
T6 Public	35 MPH	0.03%	0.00	0.00	4.32	4.36	3.88	3.93
T6 utility	35 MPH	0.01%	0.00	0.00	1.12	1.13	1.01	1.02
T6TS	35 MPH	0.32%	0.01	0.00	19.71	19.77	17.74	17.80
T7 Ag	35 MPH	0.22%	0.05	0.00	44.92	45.44	40.43	40.94
T7 CAIRP	35 MPH	2.43%	0.62	0.02	503.15	509.22	452.83	458.90
T7 CAIRP construction	35 MPH	0.10%	0.03	0.00	20.65	20.90	18.58	18.83
T7 NNOOS	35 MPH	2.73%	0.56	0.02	566.02	571.50	509.42	514.90
T7 NOOS	35 MPH	0.88%	0.22	0.01	183.23	185.44	164.91	167.12
T7 other port	35 MPH	0.04%	0.01	0.00	8.17	8.30	7.35	7.48
T7 POAK	35 MPH	0.25%	0.08	0.00	50.84	51.64	45.75	46.55
T7 POLA	35 MPH	0.40%	0.13	0.00	83.34	84.65	75.00	76.32
T7 Public	35 MPH	0.03%	0.01	0.00	6.43	6.56	5.79	5.91
T7 Single	35 MPH	0.22%	0.04	0.00	46.27	46.65	41.64	42.02
T7 single construction	35 MPH	0.26%	0.04	0.00	53.42	53.86	48.07	48.51
T7 SWCV	35 MPH	0.06%	0.01	0.00	13.28	13.40	11.95	12.07
T7 tractor	35 MPH	3.45%	0.88	0.03	715.18	723.86	643.66	652.34
T7 tractor construction	35 MPH	0.19%	0.05	0.00	39.83	40.31	35.84	36.33
T7 utility	35 MPH	0.01%	0.00	0.00	1.15	1.16	1.04	1.04
T7IS	35 MPH	0.06%	0.03	0.00	3.57	3.87	3.21	3.51
UBUS	35 MPH	0.36%	0.18	0.01	77.11	78.89	69.40	71.18

All Other Buses	40 MPH	0.05%	0.06	0.00	55.76	56.35	50.18	50.77
LDA	40 MPH	46.21%	2.55	0.08	13,861.14	13,886.27	8,244.27	8,269.40
LDT1	40 MPH	6.85%	0.43	0.01	2,386.63	2,390.89	1,453.22	1,457.47
LDT2	40 MPH	17.05%	1.15	0.04	6,950.15	6,961.51	4,721.99	4,733.35
LHD1	40 MPH	0.88%	0.35	0.01	430.03	433.44	387.03	390.44
LHD2	40 MPH	0.18%	0.09	0.00	87.22	88.09	78.50	79.36
MCY	40 MPH	0.72%	0.81	0.03	98.92	106.91	89.03	97.02
MDV	40 MPH	17.52%	1.59	0.05	9,142.99	9,158.69	6,359.95	6,375.65
MH	40 MPH	0.18%	0.14	0.00	106.38	107.73	95.74	97.09
Motor Coach	40 MPH	0.06%	0.10	0.00	92.10	93.03	82.89	83.82
OBUS	40 MPH	0.09%	0.02	0.00	43.05	43.20	38.74	38.90
PTO	40 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
SBUS	40 MPH	0.07%	0.17	0.01	60.50	62.18	54.45	56.13
T6 Ag	40 MPH	0.07%	0.08	0.00	77.01	77.79	69.31	70.09
T6 CAIRP heavy	40 MPH	0.00%	0.00	0.00	3.98	4.01	3.58	3.61
T6 CAIRP small	40 MPH	0.01%	0.01	0.00	13.78	13.88	12.40	12.50
T6 instate construction heavy	40 MPH	0.12%	0.13	0.00	124.76	126.00	112.28	113.52
T6 instate construction small	40 MPH	0.32%	0.30	0.01	341.40	344.34	307.26	310.20
T6 instate heavy	40 MPH	0.27%	0.30	0.01	292.99	295.91	263.69	266.61
T6 instate small	40 MPH	0.75%	0.70	0.02	798.51	805.39	718.66	725.54
T6 OOS heavy	40 MPH	0.00%	0.00	0.00	2.28	2.30	2.05	2.07
T6 OOS small	40 MPH	0.01%	0.01	0.00	7.90	7.96	7.11	7.17
T6 Public	40 MPH	0.03%	0.03	0.00	32.23	32.56	29.01	29.34
T6 utility	40 MPH	0.01%	0.00	0.00	8.38	8.43	7.54	7.59
T6TS	40 MPH	0.30%	0.05	0.00	139.25	139.71	125.32	125.79
T7 Ag	40 MPH	0.15%	0.29	0.01	255.01	257.82	229.51	232.32
T7 CAIRP	40 MPH	1.73%	3.38	0.11	2,856.11	2,889.40	2,570.50	2,603.79
T7 CAIRP construction	40 MPH	0.07%	0.14	0.00	117.21	118.58	105.49	106.86
T7 NNOOS	40 MPH	1.94%	3.05	0.10	3,213.01	3,243.05	2,891.71	2,921.75
T7 NOOS	40 MPH	0.63%	1.23	0.04	1,040.12	1,052.25	936.11	948.23
T7 other port	40 MPH	0.03%	0.07	0.00	46.39	47.09	41.75	42.45
T7 POAK	40 MPH	0.17%	0.45	0.01	288.56	292.96	259.71	264.10
T7 POLA	40 MPH	0.29%	0.73	0.02	473.06	480.26	425.75	432.95
T7 Public	40 MPH	0.02%	0.07	0.00	36.49	37.23	32.84	33.58
T7 Single	40 MPH	0.16%	0.21	0.01	262.64	264.73	236.38	238.47
T7 single construction	40 MPH	0.18%	0.24	0.01	303.21	305.63	272.89	275.30
T7 SWCV	40 MPH	0.05%	0.07	0.00	75.38	76.03	67.84	68.49
T7 tractor	40 MPH	2.45%	4.83	0.15	4,059.69	4,107.27	3,653.72	3,701.30
T7 tractor construction	40 MPH	0.14%	0.27	0.01	226.07	228.73	203.46	206.12
T7 utility	40 MPH	0.00%	0.00	0.00	6.54	6.58	5.89	5.92
T7IS	40 MPH	0.04%	0.17	0.01	17.66	19.38	15.90	17.62
UBUS	40 MPH	0.20%	0.83	0.03	347.37	355.55	312.64	320.81

All Other Buses	45 MPH	0.04%	0.07	0.00	66.59	67.28	59.94	60.62
LDA	45 MPH	44.87%	3.71	0.12	20,043.68	20,080.28	11,921.53	11,958.13
LDT1	45 MPH	6.65%	0.63	0.02	3,450.61	3,456.81	2,101.07	2,107.27
LDT2	45 MPH	16.56%	1.68	0.05	10,047.97	10,064.52	6,826.68	6,843.23
LHD1	45 MPH	0.99%	0.62	0.02	719.39	725.49	647.45	653.55
LHD2	45 MPH	0.19%	0.15	0.00	143.76	145.28	129.39	130.91
MCY	45 MPH	0.70%	1.24	0.04	150.92	163.17	135.83	148.08
MDV	45 MPH	17.01%	2.32	0.07	13,218.22	13,241.13	9,194.72	9,217.62
MH	45 MPH	0.16%	0.18	0.01	137.78	139.53	124.00	125.76
Motor Coach	45 MPH	0.08%	0.19	0.01	188.07	189.93	169.26	171.12
OBUS	45 MPH	0.08%	0.02	0.00	56.46	56.69	50.82	51.04
PTO	45 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
SBUS	45 MPH	0.03%	0.12	0.00	42.23	43.38	38.01	39.16
T6 Ag	45 MPH	0.06%	0.09	0.00	91.98	92.88	82.78	83.68
T6 CAIRP heavy	45 MPH	0.00%	0.00	0.00	4.75	4.79	4.28	4.32
T6 CAIRP small	45 MPH	0.01%	0.01	0.00	16.46	16.58	14.81	14.93
T6 instate construction heavy	45 MPH	0.09%	0.15	0.00	149.01	150.45	134.11	135.55
T6 instate construction small	45 MPH	0.26%	0.35	0.01	407.76	411.17	366.98	370.39
T6 instate heavy	45 MPH	0.22%	0.34	0.01	349.94	353.33	314.94	318.33
T6 instate small	45 MPH	0.60%	0.81	0.03	953.72	961.71	858.35	866.33
T6 OOS heavy	45 MPH	0.00%	0.00	0.00	2.73	2.75	2.45	2.47
T6 OOS small	45 MPH	0.01%	0.01	0.00	9.43	9.50	8.49	8.56
T6 Public	45 MPH	0.02%	0.04	0.00	38.50	38.88	34.65	35.03
T6 utility	45 MPH	0.01%	0.01	0.00	10.01	10.06	9.01	9.06
T6TS	45 MPH	0.26%	0.07	0.00	182.66	183.32	164.39	165.05
T7 Ag	45 MPH	0.21%	0.57	0.02	520.76	526.34	468.68	474.26
T7 CAIRP	45 MPH	2.36%	6.70	0.21	5,832.41	5,898.49	5,249.17	5,315.25
T7 CAIRP construction	45 MPH	0.10%	0.28	0.01	239.36	242.07	215.42	218.13
T7 NNOOS	45 MPH	2.66%	6.05	0.19	6,561.24	6,620.87	5,905.11	5,964.74
T7 NOOS	45 MPH	0.86%	2.44	0.08	2,124.02	2,148.08	1,911.61	1,935.68
T7 other port	45 MPH	0.04%	0.14	0.00	94.73	96.13	85.25	86.66
T7 POAK	45 MPH	0.24%	0.88	0.03	589.27	597.99	530.35	539.06
T7 POLA	45 MPH	0.39%	1.45	0.05	966.03	980.32	869.43	883.71
T7 Public	45 MPH	0.03%	0.15	0.00	74.52	76.04	67.07	68.58
T7 Single	45 MPH	0.22%	0.42	0.01	536.34	540.48	482.70	486.85
T7 single construction	45 MPH	0.25%	0.49	0.02	619.18	623.97	557.27	562.06
T7 SWCV	45 MPH	0.06%	0.13	0.00	153.94	155.23	138.54	139.84
T7 tractor	45 MPH	3.36%	9.58	0.30	8,290.23	8,384.67	7,461.20	7,555.64
T7 tractor construction	45 MPH	0.19%	0.54	0.02	461.66	466.93	415.49	420.77
T7 utility	45 MPH	0.01%	0.01	0.00	13.36	13.43	12.02	12.10
T7IS	45 MPH	0.04%	0.29	0.01	26.88	29.76	24.19	27.07
UBUS	45 MPH	0.08%	0.58	0.02	228.13	233.81	205.31	211.00

All Other Buses	50 MPH	0.04%	0.05	0.00	49.87	50.37	44.88	45.38
LDA	50 MPH	43.63%	2.91	0.09	15,894.71	15,923.38	9,453.84	9,482.51
LDT1	50 MPH	6.47%	0.49	0.02	2,735.94	2,740.80	1,665.91	1,670.77
LDT2	50 MPH	16.10%	1.32	0.04	7,966.34	7,979.31	5,412.40	5,425.37
LHD1	50 MPH	4.45%	2.43	0.08	2,657.36	2,681.28	2,391.62	2,415.55
LHD2	50 MPH	0.74%	0.53	0.02	458.28	463.47	412.45	417.64
MCY	50 MPH	0.68%	1.02	0.03	125.88	135.89	113.29	123.30
MDV	50 MPH	16.54%	1.83	0.06	10,479.89	10,497.88	7,289.90	7,307.89
MH	50 MPH	0.13%	0.12	0.00	93.60	94.78	84.24	85.42
Motor Coach	50 MPH	0.07%	0.13	0.00	130.86	132.14	117.78	119.05
OBUS	50 MPH	0.07%	0.02	0.00	37.86	38.02	34.07	34.23
PTO	50 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
SBUS	50 MPH	0.01%	0.04	0.00	14.23	14.61	12.80	13.18
T6 Ag	50 MPH	0.05%	0.07	0.00	68.88	69.54	61.99	62.65
T6 CAIRP heavy	50 MPH	0.00%	0.00	0.00	3.56	3.59	3.20	3.23
T6 CAIRP small	50 MPH	0.01%	0.01	0.00	12.32	12.41	11.09	11.18
T6 instate construction heavy	50 MPH	0.09%	0.11	0.00	111.58	112.64	100.42	101.48
T6 instate construction small	50 MPH	0.24%	0.25	0.01	305.34	307.84	274.80	277.31
T6 instate heavy	50 MPH	0.21%	0.25	0.01	262.04	264.53	235.84	238.33
T6 instate small	50 MPH	0.56%	0.60	0.02	714.16	720.03	642.75	648.62
T6 OOS heavy	50 MPH	0.00%	0.00	0.00	2.04	2.06	1.84	1.85
T6 OOS small	50 MPH	0.01%	0.01	0.00	7.06	7.12	6.36	6.41
T6 Public	50 MPH	0.02%	0.03	0.00	28.83	29.11	25.94	26.23
T6 utility	50 MPH	0.01%	0.00	0.00	7.50	7.54	6.75	6.79
T6TS	50 MPH	0.22%	0.05	0.00	122.47	122.94	110.23	110.69
T7 Ag	50 MPH	0.18%	0.39	0.01	362.36	366.17	326.13	329.94
T7 CAIRP	50 MPH	2.07%	4.58	0.15	4,058.40	4,103.52	3,652.56	3,697.68
T7 CAIRP construction	50 MPH	0.08%	0.19	0.01	166.55	168.40	149.90	151.75
T7 NNOOS	50 MPH	2.32%	4.13	0.13	4,565.55	4,606.26	4,108.99	4,149.70
T7 NOOS	50 MPH	0.75%	1.67	0.05	1,477.97	1,494.40	1,330.17	1,346.60
T7 other port	50 MPH	0.03%	0.10	0.00	65.91	66.87	59.32	60.28
T7 POAK	50 MPH	0.21%	0.60	0.02	410.04	415.99	369.03	374.98
T7 POLA	50 MPH	0.34%	0.99	0.03	672.20	681.95	604.98	614.73
T7 Public	50 MPH	0.03%	0.11	0.00	51.86	52.92	46.67	47.74
T7 Single	50 MPH	0.19%	0.29	0.01	373.20	376.03	335.88	338.71
T7 single construction	50 MPH	0.22%	0.33	0.01	430.85	434.12	387.77	391.04
T7 SWCV	50 MPH	0.05%	0.09	0.00	107.12	108.00	96.40	97.29
T7 tractor	50 MPH	2.94%	6.54	0.21	5,768.64	5,833.11	5,191.78	5,256.25
T7 tractor construction	50 MPH	0.16%	0.37	0.01	321.24	324.84	289.11	292.72
T7 utility	50 MPH	0.00%	0.01	0.00	9.29	9.34	8.36	8.42
T7IS	50 MPH	0.03%	0.22	0.01	19.38	21.51	17.44	19.57
UBUS	50 MPH	0.04%	0.22	0.01	79.49	81.67	71.54	73.72

All Other Buses	55 MPH	0.07%	0.03	0.00	25.41	25.66	22.87	23.12
LDA	55 MPH	41.37%	0.77	0.02	4,326.96	4,334.51	2,573.59	2,581.14
LDT1	55 MPH	6.13%	0.13	0.00	744.67	745.96	453.43	454.71
LDT2	55 MPH	15.27%	0.35	0.01	2,168.13	2,171.55	1,473.05	1,476.47
LHD1	55 MPH	2.32%	0.39	0.01	396.54	400.39	356.89	360.74
LHD2	55 MPH	0.46%	0.10	0.00	80.20	81.20	72.18	73.18
MCY	55 MPH	0.64%	0.28	0.01	35.96	38.69	32.36	35.09
MDV	55 MPH	15.68%	0.48	0.02	2,852.24	2,857.00	1,984.04	1,988.80
MH	55 MPH	0.23%	0.06	0.00	45.61	46.16	41.05	41.60
Motor Coach	55 MPH	0.10%	0.05	0.00	55.49	56.03	49.94	50.48
OBUS	55 MPH	0.11%	0.01	0.00	18.50	18.57	16.65	16.72
PTO	55 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
SBUS	55 MPH	0.03%	0.02	0.00	7.46	7.66	6.72	6.91
T6 Ag	55 MPH	0.10%	0.03	0.00	35.10	35.43	31.59	31.92
T6 CAIRP heavy	55 MPH	0.01%	0.00	0.00	1.81	1.83	1.63	1.65
T6 CAIRP small	55 MPH	0.02%	0.00	0.00	6.28	6.32	5.65	5.70
T6 instate construction heavy	55 MPH	0.16%	0.05	0.00	56.86	57.39	51.17	51.71
T6 instate construction small	55 MPH	0.45%	0.13	0.00	155.59	156.86	140.03	141.30
T6 instate heavy	55 MPH	0.38%	0.13	0.00	133.53	134.79	120.17	121.43
T6 instate small	55 MPH	1.05%	0.30	0.01	363.91	366.88	327.52	330.49
T6 OOS heavy	55 MPH	0.00%	0.00	0.00	1.04	1.05	0.94	0.94
T6 OOS small	55 MPH	0.01%	0.00	0.00	3.60	3.63	3.24	3.27
T6 Public	55 MPH	0.04%	0.01	0.00	14.69	14.84	13.22	13.37
T6 utility	55 MPH	0.01%	0.00	0.00	3.82	3.84	3.44	3.46
T6TS	55 MPH	0.36%	0.02	0.00	59.83	60.05	53.85	54.07
T7 Ag	55 MPH	0.29%	0.16	0.01	153.65	155.26	138.29	139.89
T7 CAIRP	55 MPH	3.20%	1.93	0.06	1,720.91	1,739.88	1,548.81	1,567.79
T7 CAIRP construction	55 MPH	0.13%	0.08	0.00	70.62	71.40	63.56	64.34
T7 NNOOS	55 MPH	3.60%	1.74	0.06	1,935.95	1,953.08	1,742.36	1,759.48
T7 NOOS	55 MPH	1.17%	0.70	0.02	626.71	633.62	564.04	570.95
T7 other port	55 MPH	0.05%	0.04	0.00	27.95	28.35	25.16	25.56
T7 POAK	55 MPH	0.32%	0.25	0.01	173.87	176.37	156.48	158.99
T7 POLA	55 MPH	0.53%	0.42	0.01	285.04	289.14	256.53	260.64
T7 Public	55 MPH	0.04%	0.05	0.00	21.99	22.45	19.79	20.25
T7 Single	55 MPH	0.29%	0.12	0.00	158.25	159.44	142.43	143.62
T7 single construction	55 MPH	0.34%	0.14	0.00	182.70	184.07	164.43	165.80
T7 SWCV	55 MPH	0.08%	0.04	0.00	45.42	45.80	40.88	41.25
T7 tractor	55 MPH	4.55%	2.75	0.09	2,446.11	2,473.23	2,201.50	2,228.62
T7 tractor construction	55 MPH	0.25%	0.15	0.00	136.22	137.73	122.59	124.11
T7 utility	55 MPH	0.01%	0.00	0.00	3.94	3.96	3.55	3.57
T7IS	55 MPH	0.06%	0.12	0.00	10.63	11.76	9.56	10.70
UBUS	55 MPH	0.06%	0.11	0.00	34.82	35.92	31.34	32.44

All Other Buses	60 MPH	0.09%	0.05	0.00	47.23	47.70	42.50	42.98
LDA	60 MPH	47.91%	1.38	0.04	8,190.82	8,204.38	4,871.75	4,885.31
LDT1	60 MPH	7.10%	0.23	0.01	1,409.45	1,411.76	858.20	860.52
LDT2	60 MPH	17.68%	0.62	0.02	4,103.28	4,109.43	2,787.80	2,793.95
LHD1	60 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
LHD2	60 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
MCY	60 MPH	0.74%	0.51	0.02	71.45	76.47	64.31	69.33
MDV	60 MPH	18.16%	0.87	0.03	5,398.07	5,406.67	3,754.94	3,763.54
MH	60 MPH	0.27%	0.10	0.00	88.76	89.76	79.88	80.89
Motor Coach	60 MPH	0.03%	0.03	0.00	26.14	26.40	23.53	23.78
OBUS	60 MPH	0.13%	0.01	0.00	36.97	37.11	33.28	33.41
PTO	60 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
SBUS	60 MPH	0.01%	0.02	0.00	6.57	6.74	5.91	6.08
T6 Ag	60 MPH	0.12%	0.06	0.00	65.23	65.85	58.71	59.33
T6 CAIRP heavy	60 MPH	0.01%	0.00	0.00	3.37	3.40	3.03	3.06
T6 CAIRP small	60 MPH	0.02%	0.01	0.00	11.67	11.75	10.50	10.59
T6 instate construction heavy	60 MPH	0.20%	0.10	0.00	105.67	106.67	95.10	96.10
T6 instate construction small	60 MPH	0.55%	0.24	0.01	289.16	291.52	260.24	262.61
T6 instate heavy	60 MPH	0.47%	0.24	0.01	248.16	250.51	223.34	225.69
T6 instate small	60 MPH	1.28%	0.56	0.02	676.33	681.87	608.70	614.23
T6 OOS heavy	60 MPH	0.00%	0.00	0.00	1.93	1.95	1.74	1.75
T6 OOS small	60 MPH	0.01%	0.00	0.00	6.69	6.74	6.02	6.07
T6 Public	60 MPH	0.05%	0.03	0.00	27.30	27.57	24.57	24.84
T6 utility	60 MPH	0.01%	0.00	0.00	7.10	7.14	6.39	6.43
T6TS	60 MPH	0.42%	0.04	0.00	119.60	120.01	107.64	108.05
T7 Ag	60 MPH	0.09%	0.08	0.00	72.39	73.15	65.15	65.91
T7 CAIRP	60 MPH	0.99%	0.91	0.03	810.80	819.78	729.72	738.70
T7 CAIRP construction	60 MPH	0.04%	0.04	0.00	33.27	33.64	29.95	30.32
T7 NNOOS	60 MPH	1.12%	0.82	0.03	912.12	920.22	820.90	829.01
T7 NOOS	60 MPH	0.36%	0.33	0.01	295.27	298.54	265.74	269.02
T7 other port	60 MPH	0.02%	0.02	0.00	13.17	13.36	11.85	12.04
T7 POAK	60 MPH	0.10%	0.12	0.00	81.92	83.10	73.73	74.91
T7 POLA	60 MPH	0.16%	0.20	0.01	134.29	136.24	120.86	122.81
T7 Public	60 MPH	0.01%	0.02	0.00	10.36	10.58	9.32	9.54
T7 Single	60 MPH	0.09%	0.06	0.00	74.56	75.12	67.10	67.67
T7 single construction	60 MPH	0.11%	0.07	0.00	86.08	86.73	77.47	78.12
T7 SWCV	60 MPH	0.03%	0.02	0.00	21.40	21.58	19.26	19.44
T7 tractor	60 MPH	1.41%	1.30	0.04	1,152.47	1,165.31	1,037.23	1,050.06
T7 tractor construction	60 MPH	0.08%	0.07	0.00	64.18	64.89	57.76	58.48
T7 utility	60 MPH	0.00%	0.00	0.00	1.86	1.87	1.67	1.68
T7IS	60 MPH	0.02%	0.05	0.00	4.54	4.99	4.09	4.54
UBUS	60 MPH	0.09%	0.34	0.01	88.85	92.19	79.97	83.30

All Other Buses	65 MPH	0.01%	0.02	0.00	17.38	17.56	15.64	15.82
LDA	65 MPH	50.70%	3.53	0.11	22,605.20	22,640.00	13,445.20	13,480.01
LDT1	65 MPH	7.51%	0.60	0.02	3,889.24	3,895.20	2,368.13	2,374.09
LDT2	65 MPH	18.71%	1.60	0.05	11,321.55	11,337.36	7,691.96	7,707.76
LHD1	65 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
LHD2	65 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
MCY	65 MPH	0.79%	1.33	0.04	207.16	220.26	186.45	199.55
MDV	65 MPH	19.21%	2.26	0.07	14,894.34	14,916.61	10,360.62	10,382.89
MH	65 MPH	0.04%	0.04	0.00	36.33	36.71	32.70	33.07
Motor Coach	65 MPH	0.02%	0.03	0.00	33.49	33.82	30.14	30.47
OBUS	65 MPH	0.02%	0.01	0.00	15.78	15.83	14.20	14.26
PTO	65 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
SBUS	65 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T6 Ag	65 MPH	0.02%	0.02	0.00	24.01	24.24	21.61	21.84
T6 CAIRP heavy	65 MPH	0.00%	0.00	0.00	1.24	1.25	1.12	1.13
T6 CAIRP small	65 MPH	0.00%	0.00	0.00	4.30	4.33	3.87	3.90
T6 instate construction heavy	65 MPH	0.03%	0.04	0.00	38.89	39.27	35.00	35.38
T6 instate construction small	65 MPH	0.08%	0.09	0.00	106.43	107.31	95.79	96.67
T6 instate heavy	65 MPH	0.07%	0.09	0.00	91.34	92.22	82.20	83.08
T6 instate small	65 MPH	0.20%	0.21	0.01	248.93	251.00	224.04	226.11
T6 OOS heavy	65 MPH	0.00%	0.00	0.00	0.71	0.72	0.64	0.65
T6 OOS small	65 MPH	0.00%	0.00	0.00	2.46	2.48	2.22	2.23
T6 Public	65 MPH	0.01%	0.01	0.00	10.05	10.15	9.04	9.15
T6 utility	65 MPH	0.00%	0.00	0.00	2.61	2.63	2.35	2.37
T6TS	65 MPH	0.06%	0.02	0.00	51.05	51.20	45.95	46.10
T7 Ag	65 MPH	0.05%	0.10	0.00	92.74	93.72	83.46	84.45
T7 CAIRP	65 MPH	0.54%	1.19	0.04	1,038.64	1,050.34	934.78	946.47
T7 CAIRP construction	65 MPH	0.02%	0.05	0.00	42.62	43.10	38.36	38.84
T7 NNOOS	65 MPH	0.60%	1.07	0.03	1,168.43	1,178.99	1,051.59	1,062.14
T7 NOOS	65 MPH	0.20%	0.43	0.01	378.25	382.51	340.42	344.68
T7 other port	65 MPH	0.01%	0.03	0.00	16.87	17.12	15.18	15.43
T7 POAK	65 MPH	0.05%	0.16	0.00	104.94	106.48	94.44	95.99
T7 POLA	65 MPH	0.09%	0.26	0.01	172.03	174.56	154.83	157.36
T7 Public	65 MPH	0.01%	0.03	0.00	13.27	13.56	11.94	12.23
T7 Single	65 MPH	0.05%	0.07	0.00	95.51	96.25	85.96	86.69
T7 single construction	65 MPH	0.06%	0.09	0.00	110.27	111.11	99.24	100.09
T7 SWCV	65 MPH	0.01%	0.02	0.00	27.41	27.64	24.67	24.90
T7 tractor	65 MPH	0.76%	1.70	0.05	1,476.34	1,493.05	1,328.70	1,345.41
T7 tractor construction	65 MPH	0.04%	0.09	0.00	82.21	83.15	73.99	74.92
T7 utility	65 MPH	0.00%	0.00	0.00	2.38	2.39	2.14	2.15
T7IS	65 MPH	0.01%	0.06	0.00	6.65	7.23	5.99	6.56
UBUS	65 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00

All Other Buses	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
LDA	70 MPH	52.31%	0.00	0.00	1.17	1.17	0.69	0.70
LDT1	70 MPH	7.75%	0.00	0.00	0.20	0.20	0.12	0.12
LDT2	70 MPH	19.30%	0.00	0.00	0.58	0.59	0.40	0.40
LHD1	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
LHD2	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
MCY	70 MPH	0.81%	0.00	0.00	0.01	0.01	0.01	0.01
MDV	70 MPH	19.82%	0.00	0.00	0.77	0.77	0.54	0.54
MH	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
Motor Coach	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
OBUS	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
PTO	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
SBUS	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T6 Ag	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T6 CAIRP heavy	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T6 CAIRP small	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T6 instate construction heavy	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T6 instate construction small	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T6 instate heavy	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T6 instate small	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T6 OOS heavy	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T6 OOS small	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T6 Public	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T6 utility	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T6TS	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T7 Ag	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T7 CAIRP	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T7 CAIRP construction	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T7 NNOOS	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T7 NOOS	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T7 other port	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T7 POAK	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T7 POLA	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T7 Public	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T7 Single	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T7 single construction	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T7 SWCV	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T7 tractor	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T7 tractor construction	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T7 utility	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T7IS	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
UBUS	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL			**194.87**	**6.20**	**363,358.34**	**365,279.35**	**272,476.15**	**274,397.16**

N2O emissions were calculated using an off-model adjustment provided by CARB in AB 32 Technical Appendices. The off-model adjustment uses a linear regression correlating N2O with NOx. (N2O = 0.0167 + 0.0318 x NOx)

Daily vehicles miles traveled (VMT) multiplied by 347 days/year to account for reduced traffic on weekends and holidays. This assumption is consistent with the California Air Resources Board's (CARB) methodology within the Climate Change Scoping Plan Measure Documentation Supplement.

Based on the emission factors for Fresno County - San Joaquin Valley Air Basin

Year 2035 BAU GHG Emissions (MTons/Year)

Based on EMFAC2011

	VMT Speed Bins (MPH)	Daily VMT	% of Total	Adjusted Daily VMT[1]	Adjusted Annual VMT[2]
5	0 - 5	282	0.01%	291	100,922
10	5 - 10	4,143	0.11%	4,273	1,482,697
15	10 - 15	205,132	5.40%	211,564	73,412,668
20	15 - 20	12,742	0.34%	13,142	4,560,109
25	20 - 25	35,672	0.94%	36,790	12,766,300
30	25 - 30	157,861	4.16%	162,811	56,495,316
35	30 - 35	169,925	4.47%	175,253	60,812,782
40	35 - 40	538,380	14.17%	555,261	192,675,508
45	40 - 45	844,543	22.23%	871,024	302,245,164
50	45 - 50	647,407	17.04%	667,706	231,694,106
55	50 - 55	202,547	5.33%	208,898	72,487,548
60	55 - 60	334,389	8.80%	344,874	119,671,181
65	60 - 65	645,868	17.00%	666,119	231,143,328
70	65 - 70	62	0.00%	64	22,189
	70 - 75	0	0.00%	0	0
	>75	0	0.00%	0	0
	Total	3,798,953		3,918,069	1,359,569,820
	SP	239,006		246,500	
	VMT/SP	15.89			

[1] VMT is adjusted based on per capita VMT in the Traffic Study provided by Fehr and Peers (i.e., VMT/population and employment (service population)).

[2] Adjusted Daily vehicles miles traveled (VMT) multiplied by 347 days/year to account for reduced traffic on weekends and holidays. Thi assumption is consistent with the California Air Resources Board's (CARB) methodology within the Climate Change Scoping Plan Measure Documentation Supplement.

Emission year				GWP	GWP			
Baseline in P-2035				310	1			
Vehicle Type	**Speed**	**Percent of VMT of SpeedBin**	**NOx**	**N_2O**	**CO_2**	**CO_2e**	**CO_2w/Pavley + LCF**	**CO_2e w/ Pavley + LCFS**
All Other Buses	05 MPH	0.30%	0.01	0.00	0.81	0.92	0.81	0.92
LDA	05 MPH	1.53%	0.00	0.00	1.73	1.74	1.73	1.74
LDT1	05 MPH	0.21%	0.00	0.00	0.28	0.28	0.28	0.28
LDT2	05 MPH	0.61%	0.00	0.00	0.94	0.95	0.94	0.95
LHD1	05 MPH	59.61%	0.27	0.01	101.43	104.11	101.43	104.11
LHD2	05 MPH	8.95%	0.06	0.00	11.86	12.41	11.86	12.41
MCY	05 MPH	0.02%	0.00	0.00	0.00	0.00	0.00	0.00
MDV	05 MPH	0.74%	0.00	0.00	1.42	1.43	1.42	1.43
MH	05 MPH	0.84%	0.00	0.00	2.10	2.15	2.10	2.15
Motor Coach	05 MPH	0.14%	0.01	0.00	0.57	0.65	0.57	0.65
OBUS	05 MPH	0.48%	0.00	0.00	1.21	1.22	1.21	1.22
PTO	05 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
SBUS	05 MPH	0.59%	0.02	0.00	1.57	1.73	1.57	1.73
T6 Ag	05 MPH	0.76%	0.03	0.00	2.04	2.31	2.04	2.31
T6 CAIRP heavy	05 MPH	0.02%	0.00	0.00	0.06	0.07	0.06	0.07
T6 CAIRP small	05 MPH	0.08%	0.00	0.00	0.20	0.22	0.20	0.22
T6 instate construction heavy	05 MPH	0.62%	0.02	0.00	1.66	1.87	1.66	1.87
T6 instate construction smal	05 MPH	1.64%	0.06	0.00	4.32	4.86	4.32	4.86
T6 instate heavy	05 MPH	1.24%	0.04	0.00	3.32	3.75	3.32	3.75
T6 instate small	05 MPH	3.28%	0.11	0.00	8.63	9.72	8.63	9.72
T6 OOS heavy	05 MPH	0.01%	0.00	0.00	0.03	0.04	0.03	0.04
T6 OOS small	05 MPH	0.04%	0.00	0.00	0.11	0.13	0.11	0.13
T6 Public	05 MPH	0.16%	0.01	0.00	0.43	0.48	0.43	0.48
T6 utility	05 MPH	0.03%	0.00	0.00	0.08	0.09	0.08	0.09
T6TS	05 MPH	0.84%	0.00	0.00	2.12	2.15	2.12	2.15
T7 Ag	05 MPH	0.71%	0.04	0.00	2.95	3.36	2.95	3.36
T7 CAIRP	05 MPH	3.48%	0.21	0.01	14.09	16.17	14.09	16.17
T7 CAIRP construction	05 MPH	0.15%	0.01	0.00	0.62	0.72	0.62	0.72
T7 NNOOS	05 MPH	3.92%	0.19	0.01	15.81	17.64	15.81	17.64
T7 NOOS	05 MPH	1.27%	0.08	0.00	5.13	5.89	5.13	5.89
T7 other port	05 MPH	0.07%	0.00	0.00	0.30	0.34	0.30	0.34
T7 POAK	05 MPH	0.16%	0.01	0.00	0.65	0.75	0.65	0.75
T7 POLA	05 MPH	0.31%	0.02	0.00	1.26	1.45	1.26	1.45
T7 Public	05 MPH	0.05%	0.00	0.00	0.22	0.24	0.22	0.24
T7 Single	05 MPH	0.32%	0.02	0.00	1.31	1.47	1.31	1.47
T7 single construction	05 MPH	0.40%	0.02	0.00	1.63	1.83	1.63	1.83
T7 SWCV	05 MPH	0.11%	0.01	0.00	0.44	0.49	0.44	0.49
T7 tractor	05 MPH	4.95%	0.29	0.01	20.19	23.02	20.19	23.02
T7 tractor construction	05 MPH	0.30%	0.02	0.00	1.21	1.38	1.21	1.38
T7 utility	05 MPH	0.01%	0.00	0.00	0.03	0.03	0.03	0.03
T7IS	05 MPH	0.05%	0.00	0.00	0.13	0.13	0.13	0.13
UBUS	05 MPH	0.99%	0.03	0.00	2.59	2.85	2.59	2.85

All Other Buses	10 MPH	0.46%	0.17	0.01	15.09	16.77	15.09	16.77
LDA	10 MPH	1.29%	0.01	0.00	15.93	16.05	15.93	16.05
LDT1	10 MPH	0.18%	0.00	0.00	2.54	2.57	2.54	2.57
LDT2	10 MPH	0.51%	0.01	0.00	8.71	8.79	8.71	8.79
LHD1	10 MPH	52.12%	3.22	0.10	1,088.17	1,119.92	1,088.17	1,119.92
LHD2	10 MPH	8.19%	0.69	0.02	136.56	143.33	136.56	143.33
MCY	10 MPH	0.02%	0.00	0.00	0.05	0.06	0.05	0.06
MDV	10 MPH	0.62%	0.01	0.00	13.13	13.23	13.13	13.23
MH	10 MPH	1.30%	0.09	0.00	39.51	40.40	39.51	40.40
Motor Coach	10 MPH	0.16%	0.10	0.00	8.12	9.06	8.12	9.06
OBUS	10 MPH	0.74%	0.03	0.00	22.43	22.69	22.43	22.69
PTO	10 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
SBUS	10 MPH	0.64%	0.18	0.01	20.51	22.32	20.51	22.32
T6 Ag	10 MPH	1.17%	0.42	0.01	38.17	42.30	38.17	42.30
T6 CAIRP heavy	10 MPH	0.03%	0.01	0.00	1.10	1.21	1.10	1.21
T6 CAIRP small	10 MPH	0.12%	0.04	0.00	3.72	4.09	3.72	4.09
T6 instate construction heavy	10 MPH	0.96%	0.34	0.01	30.99	34.37	30.99	34.37
T6 instate construction small	10 MPH	2.53%	0.85	0.03	80.60	88.99	80.60	88.99
T6 instate heavy	10 MPH	1.91%	0.69	0.02	61.98	68.74	61.98	68.74
T6 instate small	10 MPH	5.05%	1.70	0.05	161.20	177.98	161.20	177.98
T6 OOS heavy	10 MPH	0.02%	0.01	0.00	0.63	0.69	0.63	0.69
T6 OOS small	10 MPH	0.07%	0.02	0.00	2.14	2.35	2.14	2.35
T6 Public	10 MPH	0.25%	0.08	0.00	8.04	8.86	8.04	8.86
T6 utility	10 MPH	0.05%	0.02	0.00	1.53	1.68	1.53	1.68
T6TS	10 MPH	1.30%	0.07	0.00	39.23	39.88	39.23	39.88
T7 Ag	10 MPH	0.84%	0.49	0.02	42.30	47.15	42.30	47.15
T7 CAIRP	10 MPH	4.11%	2.45	0.08	201.99	226.12	201.99	226.12
T7 CAIRP construction	10 MPH	0.18%	0.11	0.00	8.94	10.01	8.94	10.01
T7 NNOOS	10 MPH	4.63%	2.24	0.07	226.66	248.71	226.66	248.71
T7 NOOS	10 MPH	1.50%	0.89	0.03	73.56	82.35	73.56	82.35
T7 other port	10 MPH	0.09%	0.05	0.00	4.25	4.79	4.25	4.79
T7 POAK	10 MPH	0.19%	0.12	0.00	9.25	10.43	9.25	10.43
T7 POLA	10 MPH	0.36%	0.22	0.01	18.09	20.30	18.09	20.30
T7 Public	10 MPH	0.06%	0.03	0.00	3.09	3.42	3.09	3.42
T7 Single	10 MPH	0.38%	0.20	0.01	18.79	20.74	18.79	20.74
T7 single construction	10 MPH	0.47%	0.25	0.01	23.41	25.83	23.41	25.83
T7 SWCV	10 MPH	0.12%	0.07	0.00	6.28	6.94	6.28	6.94
T7 tractor	10 MPH	5.85%	3.40	0.11	289.37	322.84	289.37	322.84
T7 tractor construction	10 MPH	0.35%	0.20	0.01	17.40	19.40	17.40	19.40
T7 utility	10 MPH	0.01%	0.00	0.00	0.40	0.44	0.40	0.44
T7IS	10 MPH	0.08%	0.01	0.00	2.28	2.36	2.28	2.36
UBUS	10 MPH	1.10%	0.37	0.01	39.93	43.53	39.93	43.53

All Other Buses	15 MPH	0.34%	4.29	0.14	445.95	488.27	445.95	488.27
LDA	15 MPH	0.66%	0.27	0.01	311.52	314.19	311.52	314.19
LDT1	15 MPH	0.09%	0.08	0.00	49.59	50.39	49.59	50.39
LDT2	15 MPH	0.26%	0.19	0.01	170.23	172.13	170.23	172.13
LHD1	15 MPH	62.80%	167.93	5.34	47,636.96	49,292.39	47,636.96	49,292.39
LHD2	15 MPH	9.77%	34.83	1.11	6,255.66	6,598.98	6,255.66	6,598.98
MCY	15 MPH	0.01%	0.01	0.00	1.15	1.22	1.15	1.22
MDV	15 MPH	0.32%	0.22	0.01	256.75	258.95	256.75	258.95
MH	15 MPH	0.89%	2.52	0.08	948.53	973.33	948.53	973.33
Motor Coach	15 MPH	0.11%	2.11	0.07	217.45	238.26	217.45	238.26
OBUS	15 MPH	0.51%	0.92	0.03	516.74	525.81	516.74	525.81
PTO	15 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
SBUS	15 MPH	0.69%	7.07	0.22	870.29	939.96	870.29	939.96
T6 Ag	15 MPH	0.85%	10.68	0.34	1,128.00	1,233.29	1,128.00	1,233.29
T6 CAIRP heavy	15 MPH	0.02%	0.28	0.01	32.42	35.20	32.42	35.20
T6 CAIRP small	15 MPH	0.09%	0.92	0.03	110.08	119.15	110.08	119.15
T6 instate construction heavy	15 MPH	0.70%	8.71	0.28	915.91	1,001.78	915.91	1,001.78
T6 instate construction small	15 MPH	1.84%	21.03	0.67	2,382.07	2,589.36	2,382.07	2,589.36
T6 instate heavy	15 MPH	1.39%	17.42	0.55	1,831.91	2,003.67	1,831.91	2,003.67
T6 instate small	15 MPH	3.67%	42.06	1.34	4,764.40	5,178.99	4,764.40	5,178.99
T6 OOS heavy	15 MPH	0.01%	0.16	0.01	18.59	20.18	18.59	20.18
T6 OOS small	15 MPH	0.05%	0.53	0.02	63.11	68.31	63.11	68.31
T6 Public	15 MPH	0.18%	2.14	0.07	237.62	258.75	237.62	258.75
T6 utility	15 MPH	0.03%	0.37	0.01	45.29	48.98	45.29	48.98
T6TS	15 MPH	0.88%	2.31	0.07	903.81	926.57	903.81	926.57
T7 Ag	15 MPH	0.55%	11.23	0.36	1,132.99	1,243.68	1,132.99	1,243.68
T7 CAIRP	15 MPH	2.71%	53.91	1.71	5,409.82	5,941.30	5,409.82	5,941.30
T7 CAIRP construction	15 MPH	0.12%	2.39	0.08	239.51	263.04	239.51	263.04
T7 NNOOS	15 MPH	3.05%	51.19	1.63	6,070.53	6,575.18	6,070.53	6,575.18
T7 NOOS	15 MPH	0.99%	19.63	0.62	1,970.12	2,163.67	1,970.12	2,163.67
T7 other port	15 MPH	0.06%	1.19	0.04	113.75	125.52	113.75	125.52
T7 POAK	15 MPH	0.12%	2.61	0.08	247.65	273.39	247.65	273.39
T7 POLA	15 MPH	0.24%	5.09	0.16	484.49	534.66	484.49	534.66
T7 Public	15 MPH	0.04%	0.78	0.02	82.79	90.53	82.79	90.53
T7 Single	15 MPH	0.25%	4.53	0.14	503.32	548.01	503.32	548.01
T7 single construction	15 MPH	0.31%	5.65	0.18	626.88	682.53	626.88	682.53
T7 SWCV	15 MPH	0.08%	1.55	0.05	168.25	183.54	168.25	183.54
T7 tractor	15 MPH	3.85%	76.35	2.43	7,750.07	8,502.76	7,750.07	8,502.76
T7 tractor construction	15 MPH	0.23%	4.57	0.15	466.03	511.12	466.03	511.12
T7 utility	15 MPH	0.01%	0.10	0.00	10.79	11.74	10.79	11.74
T7IS	15 MPH	0.04%	0.26	0.01	45.35	47.91	45.35	47.91
UBUS	15 MPH	1.18%	15.49	0.49	1,960.83	2,113.55	1,960.83	2,113.55

All Other Buses	20 MPH	0.08%	0.05	0.00	4.87	5.32	4.87	5.32
LDA	20 MPH	35.98%	0.83	0.03	837.33	845.52	837.33	845.52
LDT1	20 MPH	5.02%	0.25	0.01	133.47	135.92	133.47	135.92
LDT2	20 MPH	14.25%	0.59	0.02	457.55	463.32	457.55	463.32
LHD1	20 MPH	14.99%	2.25	0.07	552.38	574.57	552.38	574.57
LHD2	20 MPH	2.31%	0.45	0.01	75.83	80.31	75.83	80.31
MCY	20 MPH	0.49%	0.03	0.00	3.42	3.67	3.42	3.67
MDV	20 MPH	17.29%	0.68	0.02	689.81	696.52	689.81	696.52
MH	20 MPH	0.19%	0.03	0.00	9.55	9.85	9.55	9.85
Motor Coach	20 MPH	0.05%	0.05	0.00	4.91	5.35	4.91	5.35
OBUS	20 MPH	0.11%	0.01	0.00	5.06	5.19	5.06	5.19
PTO	20 MPH	0.74%	0.64	0.02	73.59	79.93	73.59	79.93
SBUS	20 MPH	0.20%	0.10	0.00	12.01	12.98	12.01	12.98
T6 Ag	20 MPH	0.19%	0.11	0.00	12.33	13.45	12.33	13.45
T6 CAIRP heavy	20 MPH	0.01%	0.00	0.00	0.35	0.38	0.35	0.38
T6 CAIRP small	20 MPH	0.02%	0.01	0.00	1.20	1.30	1.20	1.30
T6 instate construction heavy	20 MPH	0.16%	0.09	0.00	10.01	10.93	10.01	10.93
T6 instate construction small	20 MPH	0.41%	0.22	0.01	26.03	28.20	26.03	28.20
T6 instate heavy	20 MPH	0.31%	0.19	0.01	20.02	21.85	20.02	21.85
T6 instate small	20 MPH	0.82%	0.44	0.01	52.07	56.40	52.07	56.40
T6 OOS heavy	20 MPH	0.00%	0.00	0.00	0.20	0.22	0.20	0.22
T6 OOS small	20 MPH	0.01%	0.01	0.00	0.69	0.74	0.69	0.74
T6 Public	20 MPH	0.04%	0.02	0.00	2.60	2.82	2.60	2.82
T6 utility	20 MPH	0.01%	0.00	0.00	0.50	0.53	0.50	0.53
T6TS	20 MPH	0.19%	0.03	0.00	8.85	9.17	8.85	9.17
T7 Ag	20 MPH	0.26%	0.25	0.01	25.56	28.00	25.56	28.00
T7 CAIRP	20 MPH	1.25%	1.15	0.04	122.06	133.43	122.06	133.43
T7 CAIRP construction	20 MPH	0.06%	0.05	0.00	5.40	5.91	5.40	5.91
T7 NNOOS	20 MPH	1.40%	1.10	0.03	136.97	147.80	136.97	147.80
T7 NOOS	20 MPH	0.45%	0.42	0.01	44.45	48.59	44.45	48.59
T7 other port	20 MPH	0.03%	0.03	0.00	2.57	2.82	2.57	2.82
T7 POAK	20 MPH	0.06%	0.06	0.00	5.59	6.14	5.59	6.14
T7 POLA	20 MPH	0.11%	0.11	0.00	10.93	12.03	10.93	12.03
T7 Public	20 MPH	0.02%	0.02	0.00	1.87	2.04	1.87	2.04
T7 Single	20 MPH	0.11%	0.10	0.00	11.36	12.33	11.36	12.33
T7 single construction	20 MPH	0.14%	0.12	0.00	14.14	15.36	14.14	15.36
T7 SWCV	20 MPH	0.04%	0.03	0.00	3.80	4.13	3.80	4.13
T7 tractor	20 MPH	1.77%	1.66	0.05	174.87	191.19	174.87	191.19
T7 tractor construction	20 MPH	0.11%	0.10	0.00	10.52	11.49	10.52	11.49
T7 utility	20 MPH	0.00%	0.00	0.00	0.24	0.26	0.24	0.26
T7IS	20 MPH	0.02%	0.01	0.00	0.73	0.79	0.73	0.79
UBUS	20 MPH	0.33%	0.22	0.01	32.05	34.25	32.05	34.25

All Other Buses	25 MPH	0.23%	0.38	0.01	39.45	43.20	39.45	43.20
LDA	25 MPH	12.98%	0.77	0.02	701.79	709.41	701.79	709.41
LDT1	25 MPH	1.81%	0.23	0.01	111.83	114.12	111.83	114.12
LDT2	25 MPH	5.14%	0.54	0.02	383.35	388.67	383.35	388.67
LHD1	25 MPH	38.87%	15.34	0.49	3,323.40	3,474.64	3,323.40	3,474.64
LHD2	25 MPH	6.37%	3.24	0.10	509.74	541.70	509.74	541.70
MCY	25 MPH	0.18%	0.03	0.00	3.07	3.34	3.07	3.34
MDV	25 MPH	6.23%	0.63	0.02	577.95	584.13	577.95	584.13
MH	25 MPH	0.64%	0.28	0.01	69.41	72.16	69.41	72.16
Motor Coach	25 MPH	0.15%	0.38	0.01	39.34	43.07	39.34	43.07
OBUS	25 MPH	0.37%	0.13	0.00	35.84	37.09	35.84	37.09
PTO	25 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
SBUS	25 MPH	0.93%	1.25	0.04	143.36	155.65	143.36	155.65
T6 Ag	25 MPH	0.59%	0.95	0.03	99.78	109.12	99.78	109.12
T6 CAIRP heavy	25 MPH	0.02%	0.02	0.00	2.87	3.11	2.87	3.11
T6 CAIRP small	25 MPH	0.06%	0.08	0.00	9.74	10.52	9.74	10.52
T6 instate construction heavy	25 MPH	0.48%	0.77	0.02	81.02	88.63	81.02	88.63
T6 instate construction small	25 MPH	1.27%	1.84	0.06	210.71	228.83	210.71	228.83
T6 instate heavy	25 MPH	0.96%	1.54	0.05	162.05	177.26	162.05	177.26
T6 instate small	25 MPH	2.54%	3.68	0.12	421.45	457.69	421.45	457.69
T6 OOS heavy	25 MPH	0.01%	0.01	0.00	1.64	1.78	1.64	1.78
T6 OOS small	25 MPH	0.03%	0.05	0.00	5.58	6.03	5.58	6.03
T6 Public	25 MPH	0.12%	0.19	0.01	21.02	22.90	21.02	22.90
T6 utility	25 MPH	0.02%	0.03	0.00	4.01	4.33	4.01	4.33
T6TS	25 MPH	0.64%	0.32	0.01	62.69	65.82	62.69	65.82
T7 Ag	25 MPH	0.78%	2.04	0.06	204.95	225.08	204.95	225.08
T7 CAIRP	25 MPH	3.83%	9.64	0.31	978.58	1,073.62	978.58	1,073.62
T7 CAIRP construction	25 MPH	0.17%	0.43	0.01	43.33	47.53	43.33	47.53
T7 NNOOS	25 MPH	4.31%	8.91	0.28	1,098.10	1,185.92	1,098.10	1,185.92
T7 NOOS	25 MPH	1.39%	3.51	0.11	356.38	390.99	356.38	390.99
T7 other port	25 MPH	0.08%	0.22	0.01	20.58	22.71	20.58	22.71
T7 POAK	25 MPH	0.18%	0.47	0.02	44.80	49.46	44.80	49.46
T7 POLA	25 MPH	0.34%	0.93	0.03	87.64	96.78	87.64	96.78
T7 Public	25 MPH	0.06%	0.14	0.00	14.98	16.40	14.98	16.40
T7 Single	25 MPH	0.35%	0.81	0.03	91.05	99.06	91.05	99.06
T7 single construction	25 MPH	0.44%	1.01	0.03	113.40	123.37	113.40	123.37
T7 SWCV	25 MPH	0.12%	0.28	0.01	30.43	33.21	30.43	33.21
T7 tractor	25 MPH	5.44%	13.73	0.44	1,401.91	1,537.30	1,401.91	1,537.30
T7 tractor construction	25 MPH	0.33%	0.82	0.03	84.30	92.41	84.30	92.41
T7 utility	25 MPH	0.01%	0.02	0.00	1.95	2.12	1.95	2.12
T7IS	25 MPH	0.06%	0.07	0.00	6.07	6.75	6.07	6.75
UBUS	25 MPH	1.47%	2.46	0.08	388.56	412.82	388.56	412.82

All Other Buses	30 MPH	0.17%	1.20	0.04	120.99	132.86	120.99	132.86
LDA	30 MPH	24.43%	6.04	0.19	5,034.08	5,093.62	5,034.08	5,093.62
LDT1	30 MPH	3.41%	1.84	0.06	802.04	820.14	802.04	820.14
LDT2	30 MPH	9.68%	4.20	0.13	2,748.92	2,790.28	2,748.92	2,790.28
LHD1	30 MPH	20.71%	34.77	1.11	6,823.45	7,166.20	6,823.45	7,166.20
LHD2	30 MPH	3.37%	7.20	0.23	1,080.25	1,151.18	1,080.25	1,151.18
MCY	30 MPH	0.33%	0.24	0.01	23.13	25.47	23.13	25.47
MDV	30 MPH	11.74%	4.87	0.15	4,144.32	4,192.36	4,144.32	4,192.36
MH	30 MPH	0.45%	0.87	0.03	180.22	188.80	180.22	188.80
Motor Coach	30 MPH	0.16%	1.70	0.05	169.39	186.16	169.39	186.16
OBUS	30 MPH	0.25%	0.41	0.01	88.82	92.83	88.82	92.83
PTO	30 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
SBUS	30 MPH	0.68%	3.94	0.13	431.03	469.84	431.03	469.84
T6 Ag	30 MPH	0.44%	2.98	0.09	306.03	335.42	306.03	335.42
T6 CAIRP heavy	30 MPH	0.01%	0.08	0.00	8.80	9.56	8.80	9.56
T6 CAIRP small	30 MPH	0.04%	0.25	0.01	29.87	32.36	29.87	32.36
T6 instate construction heavy	30 MPH	0.35%	2.43	0.08	248.49	272.44	248.49	272.44
T6 instate construction small	30 MPH	0.94%	5.83	0.19	646.27	703.79	646.27	703.79
T6 instate heavy	30 MPH	0.71%	4.86	0.15	497.01	544.92	497.01	544.92
T6 instate small	30 MPH	1.87%	11.67	0.37	1,292.61	1,407.65	1,292.61	1,407.65
T6 OOS heavy	30 MPH	0.01%	0.04	0.00	5.04	5.48	5.04	5.48
T6 OOS small	30 MPH	0.02%	0.14	0.00	17.12	18.55	17.12	18.55
T6 Public	30 MPH	0.09%	0.60	0.02	64.47	70.37	64.47	70.37
T6 utility	30 MPH	0.02%	0.10	0.00	12.29	13.31	12.29	13.31
T6TS	30 MPH	0.44%	1.02	0.03	155.34	165.41	155.34	165.41
T7 Ag	30 MPH	0.81%	9.07	0.29	882.58	972.02	882.58	972.02
T7 CAIRP	30 MPH	3.97%	43.30	1.38	4,214.16	4,640.99	4,214.16	4,640.99
T7 CAIRP construction	30 MPH	0.18%	1.92	0.06	186.58	205.48	186.58	205.48
T7 NNOOS	30 MPH	4.47%	38.88	1.24	4,728.85	5,112.11	4,728.85	5,112.11
T7 NOOS	30 MPH	1.45%	15.77	0.50	1,534.69	1,690.13	1,534.69	1,690.13
T7 other port	30 MPH	0.08%	0.98	0.03	88.61	98.27	88.61	98.27
T7 POAK	30 MPH	0.18%	2.14	0.07	192.91	214.05	192.91	214.05
T7 POLA	30 MPH	0.35%	4.14	0.13	377.41	418.22	377.41	418.22
T7 Public	30 MPH	0.06%	0.63	0.02	64.49	70.70	64.49	70.70
T7 Single	30 MPH	0.37%	3.58	0.11	392.08	427.38	392.08	427.38
T7 single construction	30 MPH	0.45%	4.46	0.14	488.33	532.29	488.33	532.29
T7 SWCV	30 MPH	0.12%	1.24	0.04	131.06	143.30	131.06	143.30
T7 tractor	30 MPH	5.64%	61.22	1.95	6,037.18	6,640.70	6,037.18	6,640.70
T7 tractor construction	30 MPH	0.34%	3.66	0.12	363.03	399.13	363.03	399.13
T7 utility	30 MPH	0.01%	0.08	0.00	8.41	9.16	8.41	9.16
T7IS	30 MPH	0.07%	0.36	0.01	24.30	27.81	24.30	27.81
UBUS	30 MPH	1.13%	7.71	0.25	1,292.85	1,368.87	1,292.85	1,368.87

All Other Buses	35 MPH	0.08%	0.61	0.02	59.01	64.98	59.01	64.98
LDA	35 MPH	38.66%	9.83	0.31	7,669.58	7,766.46	7,669.58	7,766.46
LDT1	35 MPH	5.39%	3.02	0.10	1,221.60	1,251.38	1,221.60	1,251.38
LDT2	35 MPH	15.32%	6.79	0.22	4,186.79	4,253.75	4,186.79	4,253.75
LHD1	35 MPH	3.67%	6.61	0.21	1,182.05	1,247.22	1,182.05	1,247.22
LHD2	35 MPH	0.64%	1.44	0.05	205.83	220.08	205.83	220.08
MCY	35 MPH	0.52%	0.42	0.01	36.23	40.37	36.23	40.37
MDV	35 MPH	18.58%	7.88	0.25	6,312.22	6,389.95	6,312.22	6,389.95
MH	35 MPH	0.22%	0.48	0.02	85.21	89.90	85.21	89.90
Motor Coach	35 MPH	0.12%	1.32	0.04	126.06	139.05	126.06	139.05
OBUS	35 MPH	0.13%	0.23	0.01	41.14	43.42	41.14	43.42
PTO	35 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
SBUS	35 MPH	0.28%	1.73	0.05	181.02	198.05	181.02	198.05
T6 Ag	35 MPH	0.21%	1.49	0.05	149.27	163.99	149.27	163.99
T6 CAIRP heavy	35 MPH	0.01%	0.04	0.00	4.29	4.68	4.29	4.68
T6 CAIRP small	35 MPH	0.02%	0.13	0.00	14.57	15.82	14.57	15.82
T6 instate construction heavy	35 MPH	0.17%	1.22	0.04	121.20	133.21	121.20	133.21
T6 instate construction small	35 MPH	0.45%	2.94	0.09	315.22	344.25	315.22	344.25
T6 instate heavy	35 MPH	0.34%	2.44	0.08	242.42	266.43	242.42	266.43
T6 instate small	35 MPH	0.90%	5.89	0.19	630.47	688.53	630.47	688.53
T6 OOS heavy	35 MPH	0.00%	0.02	0.00	2.46	2.68	2.46	2.68
T6 OOS small	35 MPH	0.01%	0.07	0.00	8.35	9.07	8.35	9.07
T6 Public	35 MPH	0.04%	0.30	0.01	31.44	34.40	31.44	34.40
T6 utility	35 MPH	0.01%	0.05	0.00	5.99	6.51	5.99	6.51
T6TS	35 MPH	0.22%	0.58	0.02	71.96	77.67	71.96	77.67
T7 Ag	35 MPH	0.59%	6.97	0.22	656.79	725.49	656.79	725.49
T7 CAIRP	35 MPH	2.90%	33.57	1.07	3,136.06	3,466.96	3,136.06	3,466.96
T7 CAIRP construction	35 MPH	0.13%	1.49	0.05	138.85	153.50	138.85	153.50
T7 NNOOS	35 MPH	3.26%	29.36	0.93	3,519.08	3,808.47	3,519.08	3,808.47
T7 NOOS	35 MPH	1.06%	12.22	0.39	1,142.07	1,262.58	1,142.07	1,262.58
T7 other port	35 MPH	0.06%	0.77	0.02	65.94	73.50	65.94	73.50
T7 POAK	35 MPH	0.13%	1.68	0.05	143.56	160.08	143.56	160.08
T7 POLA	35 MPH	0.25%	3.19	0.10	280.86	312.33	280.86	312.33
T7 Public	35 MPH	0.04%	0.48	0.02	47.99	52.70	47.99	52.70
T7 Single	35 MPH	0.27%	2.73	0.09	291.77	318.67	291.77	318.67
T7 single construction	35 MPH	0.33%	3.40	0.11	363.40	396.90	363.40	396.90
T7 SWCV	35 MPH	0.09%	0.95	0.03	97.53	106.87	97.53	106.87
T7 tractor	35 MPH	4.12%	47.15	1.50	4,492.70	4,957.55	4,492.70	4,957.55
T7 tractor construction	35 MPH	0.25%	2.82	0.09	270.16	297.92	270.16	297.92
T7 utility	35 MPH	0.01%	0.06	0.00	6.26	6.83	6.26	6.83
T7IS	35 MPH	0.05%	0.29	0.01	16.11	18.95	16.11	18.95
UBUS	35 MPH	0.45%	3.19	0.10	546.57	578.02	546.57	578.02

All Other Buses	40 MPH	0.06%	1.41	0.04	133.43	147.34	133.43	147.34
LDA	40 MPH	43.70%	34.33	1.09	25,437.28	25,775.70	25,437.28	25,775.70
LDT1	40 MPH	6.10%	10.68	0.34	4,052.13	4,157.44	4,052.13	4,157.44
LDT2	40 MPH	17.31%	23.65	0.75	13,883.99	14,117.17	13,883.99	14,117.17
LHD1	40 MPH	0.93%	5.42	0.17	891.32	944.75	891.32	944.75
LHD2	40 MPH	0.18%	1.31	0.04	175.98	188.88	175.98	188.88
MCY	40 MPH	0.59%	1.56	0.05	121.32	136.74	121.32	136.74
MDV	40 MPH	21.00%	27.44	0.87	20,930.63	21,201.09	20,930.63	21,201.09
MH	40 MPH	0.17%	1.15	0.04	185.28	196.59	185.28	196.59
Motor Coach	40 MPH	0.07%	2.35	0.07	216.68	239.88	216.68	239.88
OBUS	40 MPH	0.10%	0.57	0.02	88.00	93.64	88.00	93.64
PTO	40 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
SBUS	40 MPH	0.12%	2.19	0.07	221.33	242.95	221.33	242.95
T6 Ag	40 MPH	0.16%	3.47	0.11	337.50	371.70	337.50	371.70
T6 CAIRP heavy	40 MPH	0.00%	0.09	0.00	9.70	10.60	9.70	10.60
T6 CAIRP small	40 MPH	0.02%	0.30	0.01	32.94	35.87	32.94	35.87
T6 instate construction heavy	40 MPH	0.13%	2.83	0.09	274.04	301.94	274.04	301.94
T6 instate construction small	40 MPH	0.34%	6.88	0.22	712.71	780.54	712.71	780.54
T6 instate heavy	40 MPH	0.25%	5.66	0.18	548.10	603.90	548.10	603.90
T6 instate small	40 MPH	0.67%	13.76	0.44	1,425.50	1,561.17	1,425.50	1,561.17
T6 OOS heavy	40 MPH	0.00%	0.05	0.00	5.56	6.08	5.56	6.08
T6 OOS small	40 MPH	0.01%	0.17	0.01	18.88	20.56	18.88	20.56
T6 Public	40 MPH	0.03%	0.69	0.02	71.10	77.94	71.10	77.94
T6 utility	40 MPH	0.01%	0.12	0.00	13.55	14.75	13.55	14.75
T6TS	40 MPH	0.17%	1.44	0.05	153.92	168.07	153.92	168.07
T7 Ag	40 MPH	0.34%	12.36	0.39	1,128.95	1,250.77	1,128.95	1,250.77
T7 CAIRP	40 MPH	1.65%	59.97	1.91	5,390.54	5,981.69	5,390.54	5,981.69
T7 CAIRP construction	40 MPH	0.07%	2.65	0.08	238.66	264.83	238.66	264.83
T7 NNOOS	40 MPH	1.86%	51.25	1.63	6,048.90	6,554.09	6,048.90	6,554.09
T7 NOOS	40 MPH	0.60%	21.84	0.69	1,963.10	2,178.38	1,963.10	2,178.38
T7 other port	40 MPH	0.03%	1.38	0.04	113.34	126.95	113.34	126.95
T7 POAK	40 MPH	0.08%	3.01	0.10	246.76	276.47	246.76	276.47
T7 POLA	40 MPH	0.14%	5.68	0.18	482.76	538.77	482.76	538.77
T7 Public	40 MPH	0.02%	0.84	0.03	82.50	90.74	82.50	90.74
T7 Single	40 MPH	0.15%	4.80	0.15	501.53	548.89	501.53	548.89
T7 single construction	40 MPH	0.19%	5.98	0.19	624.64	683.63	624.64	683.63
T7 SWCV	40 MPH	0.05%	1.67	0.05	167.65	184.12	167.65	184.12
T7 tractor	40 MPH	2.34%	83.79	2.66	7,722.45	8,548.47	7,722.45	8,548.47
T7 tractor construction	40 MPH	0.14%	5.00	0.16	464.37	513.64	464.37	513.64
T7 utility	40 MPH	0.00%	0.10	0.00	10.76	11.78	10.76	11.78
T7IS	40 MPH	0.03%	0.50	0.02	24.13	29.04	24.13	29.04
UBUS	40 MPH	0.20%	4.43	0.14	745.98	789.69	745.98	789.69

All Other Buses	45 MPH	0.06%	1.99	0.06	183.04	202.69	183.04	202.69
LDA	45 MPH	41.62%	50.74	1.61	36,579.28	37,079.48	36,579.28	37,079.48
LDT1	45 MPH	5.81%	15.99	0.51	5,826.52	5,984.15	5,826.52	5,984.15
LDT2	45 MPH	16.49%	34.92	1.11	19,963.11	20,307.31	19,963.11	20,307.31
LHD1	45 MPH	1.16%	11.07	0.35	1,707.95	1,817.11	1,707.95	1,817.11
LHD2	45 MPH	0.22%	2.63	0.08	333.45	359.33	333.45	359.33
MCY	45 MPH	0.56%	2.42	0.08	172.33	196.23	172.33	196.23
MDV	45 MPH	20.00%	40.46	1.29	30,095.25	30,494.12	30,095.25	30,494.12
MH	45 MPH	0.17%	1.82	0.06	276.17	294.09	276.17	294.09
Motor Coach	45 MPH	0.10%	5.72	0.18	508.23	564.58	508.23	564.58
OBUS	45 MPH	0.10%	0.94	0.03	132.59	141.82	132.59	141.82
PTO	45 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
SBUS	45 MPH	0.06%	1.82	0.06	177.67	195.59	177.67	195.59
T6 Ag	45 MPH	0.14%	4.89	0.16	463.00	511.17	463.00	511.17
T6 CAIRP heavy	45 MPH	0.00%	0.13	0.00	13.31	14.58	13.31	14.58
T6 CAIRP small	45 MPH	0.01%	0.42	0.01	45.18	49.32	45.18	49.32
T6 instate construction heavy	45 MPH	0.12%	3.99	0.13	375.94	415.24	375.94	415.24
T6 instate construction small	45 MPH	0.30%	9.73	0.31	977.75	1,073.68	977.75	1,073.68
T6 instate heavy	45 MPH	0.23%	7.97	0.25	751.93	830.53	751.93	830.53
T6 instate small	45 MPH	0.61%	19.46	0.62	1,955.59	2,147.47	1,955.59	2,147.47
T6 OOS heavy	45 MPH	0.00%	0.07	0.00	7.63	8.36	7.63	8.36
T6 OOS small	45 MPH	0.01%	0.24	0.01	25.90	28.28	25.90	28.28
T6 Public	45 MPH	0.03%	0.98	0.03	97.53	107.16	97.53	107.16
T6 utility	45 MPH	0.01%	0.17	0.01	18.59	20.29	18.59	20.29
T6TS	45 MPH	0.17%	2.35	0.07	231.91	255.08	231.91	255.08
T7 Ag	45 MPH	0.52%	29.85	0.95	2,648.03	2,942.33	2,648.03	2,942.33
T7 CAIRP	45 MPH	2.56%	145.65	4.63	12,643.85	14,079.68	12,643.85	14,079.68
T7 CAIRP construction	45 MPH	0.11%	6.45	0.21	559.79	623.36	559.79	623.36
T7 NNOOS	45 MPH	2.88%	122.13	3.88	14,188.07	15,392.03	14,188.07	15,392.03
T7 NOOS	45 MPH	0.93%	53.04	1.69	4,604.57	5,127.46	4,604.57	5,127.46
T7 other port	45 MPH	0.05%	3.37	0.11	265.85	299.12	265.85	299.12
T7 POAK	45 MPH	0.12%	7.36	0.23	578.80	651.36	578.80	651.36
T7 POLA	45 MPH	0.22%	13.76	0.44	1,132.35	1,268.04	1,132.35	1,268.04
T7 Public	45 MPH	0.04%	2.00	0.06	193.50	213.25	193.50	213.25
T7 Single	45 MPH	0.24%	11.54	0.37	1,176.36	1,290.12	1,176.36	1,290.12
T7 single construction	45 MPH	0.29%	14.37	0.46	1,465.13	1,606.81	1,465.13	1,606.81
T7 SWCV	45 MPH	0.08%	4.02	0.13	393.23	432.86	393.23	432.86
T7 tractor	45 MPH	3.63%	202.71	6.45	18,113.48	20,111.78	18,113.48	20,111.78
T7 tractor construction	45 MPH	0.22%	12.08	0.38	1,089.22	1,208.30	1,089.22	1,208.30
T7 utility	45 MPH	0.01%	0.25	0.01	25.23	27.70	25.23	27.70
T7IS	45 MPH	0.03%	0.96	0.03	42.18	51.62	42.18	51.62
UBUS	45 MPH	0.09%	3.55	0.11	562.83	597.80	562.83	597.80

All Other Buses	50 MPH	0.05%	1.24	0.04	111.05	123.28	111.05	123.28
LDA	50 MPH	41.47%	39.04	1.24	27,913.78	28,298.64	27,913.78	28,298.64
LDT1	50 MPH	5.79%	12.46	0.40	4,446.14	4,568.97	4,446.14	4,568.97
LDT2	50 MPH	16.43%	26.88	0.85	15,233.81	15,498.82	15,233.81	15,498.82
LHD1	50 MPH	4.41%	34.18	1.09	4,980.28	5,317.23	4,980.28	5,317.23
LHD2	50 MPH	0.74%	7.29	0.23	866.13	937.99	866.13	937.99
MCY	50 MPH	0.56%	1.92	0.06	127.35	146.29	127.35	146.29
MDV	50 MPH	19.93%	31.12	0.99	22,965.75	23,272.56	22,965.75	23,272.56
MH	50 MPH	0.12%	1.03	0.03	151.68	161.85	151.68	161.85
Motor Coach	50 MPH	0.08%	3.32	0.11	286.51	319.24	286.51	319.24
OBUS	50 MPH	0.07%	0.53	0.02	72.02	77.25	72.02	77.25
PTO	50 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
SBUS	50 MPH	0.02%	0.51	0.02	48.37	53.37	48.37	53.37
T6 Ag	50 MPH	0.11%	3.04	0.10	280.88	310.83	280.88	310.83
T6 CAIRP heavy	50 MPH	0.00%	0.08	0.00	8.07	8.86	8.07	8.86
T6 CAIRP small	50 MPH	0.01%	0.26	0.01	27.41	29.99	27.41	29.99
T6 instate construction heavy	50 MPH	0.09%	2.48	0.08	228.07	252.50	228.07	252.50
T6 instate construction small	50 MPH	0.25%	6.07	0.19	593.16	652.95	593.16	652.95
T6 instate heavy	50 MPH	0.19%	4.96	0.16	456.16	505.03	456.16	505.03
T6 instate small	50 MPH	0.49%	12.13	0.39	1,186.38	1,305.97	1,186.38	1,305.97
T6 OOS heavy	50 MPH	0.00%	0.05	0.00	4.63	5.08	4.63	5.08
T6 OOS small	50 MPH	0.01%	0.15	0.00	15.72	17.19	15.72	17.19
T6 Public	50 MPH	0.02%	0.61	0.02	59.17	65.15	59.17	65.15
T6 utility	50 MPH	0.00%	0.11	0.00	11.28	12.34	11.28	12.34
T6TS	50 MPH	0.12%	1.33	0.04	125.98	139.10	125.98	139.10
T7 Ag	50 MPH	0.39%	17.29	0.55	1,492.79	1,663.21	1,492.79	1,663.21
T7 CAIRP	50 MPH	1.93%	84.61	2.69	7,127.80	7,961.91	7,127.80	7,961.91
T7 CAIRP construction	50 MPH	0.09%	3.75	0.12	315.58	352.51	315.58	352.51
T7 NNOOS	50 MPH	2.17%	69.95	2.22	7,998.33	8,687.86	7,998.33	8,687.86
T7 NOOS	50 MPH	0.70%	30.81	0.98	2,595.76	2,899.53	2,595.76	2,899.53
T7 other port	50 MPH	0.04%	1.97	0.06	149.87	169.29	149.87	169.29
T7 POAK	50 MPH	0.09%	4.29	0.14	326.29	368.62	326.29	368.62
T7 POLA	50 MPH	0.17%	7.99	0.25	638.35	717.08	638.35	717.08
T7 Public	50 MPH	0.03%	1.15	0.04	109.08	120.45	109.08	120.45
T7 Single	50 MPH	0.18%	6.65	0.21	663.16	728.73	663.16	728.73
T7 single construction	50 MPH	0.22%	8.28	0.26	825.95	907.62	825.95	907.62
T7 SWCV	50 MPH	0.06%	2.32	0.07	221.68	244.56	221.68	244.56
T7 tractor	50 MPH	2.74%	117.46	3.74	10,211.23	11,369.11	10,211.23	11,369.11
T7 tractor construction	50 MPH	0.16%	6.99	0.22	614.03	682.99	614.03	682.99
T7 utility	50 MPH	0.00%	0.14	0.00	14.22	15.65	14.22	15.65
T7IS	50 MPH	0.02%	0.58	0.02	24.63	30.31	24.63	30.31
UBUS	50 MPH	0.03%	1.11	0.04	158.87	169.78	158.87	169.78

All Other Buses	55 MPH	0.09%	0.76	0.02	66.56	74.06	66.56	74.06
LDA	55 MPH	39.12%	11.82	0.38	8,539.79	8,656.27	8,539.79	8,656.27
LDT1	55 MPH	5.46%	3.82	0.12	1,360.28	1,397.93	1,360.28	1,397.93
LDT2	55 MPH	15.50%	8.16	0.26	4,661.02	4,741.45	4,661.02	4,741.45
LHD1	55 MPH	2.46%	6.66	0.21	899.18	964.84	899.18	964.84
LHD2	55 MPH	0.48%	1.64	0.05	177.13	193.25	177.13	193.25
MCY	55 MPH	0.53%	0.59	0.02	37.01	42.80	37.01	42.80
MDV	55 MPH	18.80%	9.44	0.30	7,026.78	7,119.81	7,026.78	7,119.81
MH	55 MPH	0.21%	0.59	0.02	86.94	92.71	86.94	92.71
Motor Coach	55 MPH	0.12%	1.70	0.05	142.91	159.64	142.91	159.64
OBUS	55 MPH	0.12%	0.30	0.01	41.39	44.34	41.39	44.34
PTO	55 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
SBUS	55 MPH	0.04%	0.32	0.01	29.65	32.78	29.65	32.78
T6 Ag	55 MPH	0.22%	1.86	0.06	168.36	186.71	168.36	186.71
T6 CAIRP heavy	55 MPH	0.01%	0.05	0.00	4.84	5.32	4.84	5.32
T6 CAIRP small	55 MPH	0.02%	0.16	0.01	16.43	18.01	16.43	18.01
T6 instate construction heavy	55 MPH	0.18%	1.52	0.05	136.70	151.67	136.70	151.67
T6 instate construction small	55 MPH	0.48%	3.72	0.12	355.54	392.19	355.54	392.19
T6 instate heavy	55 MPH	0.36%	3.04	0.10	273.42	303.36	273.42	303.36
T6 instate small	55 MPH	0.96%	7.44	0.24	711.11	784.42	711.11	784.42
T6 OOS heavy	55 MPH	0.00%	0.03	0.00	2.77	3.05	2.77	3.05
T6 OOS small	55 MPH	0.01%	0.09	0.00	9.42	10.32	9.42	10.32
T6 Public	55 MPH	0.05%	0.37	0.01	35.47	39.13	35.47	39.13
T6 utility	55 MPH	0.01%	0.07	0.00	6.76	7.41	6.76	7.41
T6TS	55 MPH	0.21%	0.75	0.02	72.39	79.80	72.39	79.80
T7 Ag	55 MPH	0.64%	8.83	0.28	744.58	831.58	744.58	831.58
T7 CAIRP	55 MPH	3.11%	43.23	1.37	3,555.24	3,981.45	3,555.24	3,981.45
T7 CAIRP construction	55 MPH	0.14%	1.91	0.06	157.40	176.27	157.40	176.27
T7 NNOOS	55 MPH	3.50%	35.42	1.13	3,989.45	4,338.60	3,989.45	4,338.60
T7 NOOS	55 MPH	1.13%	15.74	0.50	1,294.73	1,449.94	1,294.73	1,449.94
T7 other port	55 MPH	0.07%	1.01	0.03	74.75	84.70	74.75	84.70
T7 POAK	55 MPH	0.14%	2.20	0.07	162.75	184.44	162.75	184.44
T7 POLA	55 MPH	0.27%	4.08	0.13	318.40	358.64	318.40	358.64
T7 Public	55 MPH	0.05%	0.59	0.02	54.41	60.20	54.41	60.20
T7 Single	55 MPH	0.29%	3.39	0.11	330.77	364.15	330.77	364.15
T7 single construction	55 MPH	0.36%	4.22	0.13	411.97	453.54	411.97	453.54
T7 SWCV	55 MPH	0.09%	1.18	0.04	110.57	122.23	110.57	122.23
T7 tractor	55 MPH	4.42%	59.95	1.91	5,093.21	5,684.20	5,093.21	5,684.20
T7 tractor construction	55 MPH	0.27%	3.57	0.11	306.27	341.45	306.27	341.45
T7 utility	55 MPH	0.01%	0.07	0.00	7.09	7.82	7.09	7.82
T7IS	55 MPH	0.05%	0.36	0.01	15.89	19.44	15.89	19.44
UBUS	55 MPH	0.06%	0.66	0.02	81.85	88.33	81.85	88.33

All Other Buses	60 MPH	0.10%	1.48	0.05	127.12	141.73	127.12	141.73
LDA	60 MPH	45.45%	23.65	0.75	17,607.99	17,841.12	17,607.99	17,841.12
LDT1	60 MPH	6.34%	7.74	0.25	2,805.36	2,881.68	2,805.36	2,881.68
LDT2	60 MPH	18.01%	16.41	0.52	9,612.59	9,774.40	9,612.59	9,774.40
LHD1	60 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
LHD2	60 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
MCY	60 MPH	0.61%	1.17	0.04	71.22	82.73	71.22	82.73
MDV	60 MPH	21.84%	18.97	0.60	14,491.24	14,678.21	14,491.24	14,678.21
MH	60 MPH	0.24%	1.11	0.04	174.48	185.40	174.48	185.40
Motor Coach	60 MPH	0.04%	0.84	0.03	69.19	77.44	69.19	77.44
OBUS	60 MPH	0.13%	0.56	0.02	85.03	90.59	85.03	90.59
PTO	60 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
SBUS	60 MPH	0.02%	0.29	0.01	26.55	29.37	26.55	29.37
T6 Ag	60 MPH	0.26%	3.62	0.12	321.55	357.25	321.55	357.25
T6 CAIRP heavy	60 MPH	0.01%	0.10	0.00	9.24	10.18	9.24	10.18
T6 CAIRP small	60 MPH	0.03%	0.31	0.01	31.38	34.44	31.38	34.44
T6 instate construction heavy	60 MPH	0.21%	2.95	0.09	261.09	290.21	261.09	290.21
T6 instate construction small	60 MPH	0.55%	7.23	0.23	679.05	750.27	679.05	750.27
T6 instate heavy	60 MPH	0.42%	5.91	0.19	522.21	580.45	522.21	580.45
T6 instate small	60 MPH	1.10%	14.45	0.46	1,358.16	1,500.62	1,358.16	1,500.62
T6 OOS heavy	60 MPH	0.00%	0.05	0.00	5.30	5.84	5.30	5.84
T6 OOS small	60 MPH	0.01%	0.18	0.01	17.99	19.75	17.99	19.75
T6 Public	60 MPH	0.05%	0.72	0.02	67.74	74.87	67.74	74.87
T6 utility	60 MPH	0.01%	0.13	0.00	12.91	14.17	12.91	14.17
T6TS	60 MPH	0.23%	1.42	0.05	148.72	162.70	148.72	162.70
T7 Ag	60 MPH	0.19%	4.35	0.14	360.51	403.44	360.51	403.44
T7 CAIRP	60 MPH	0.91%	21.30	0.68	1,721.39	1,931.40	1,721.39	1,931.40
T7 CAIRP construction	60 MPH	0.04%	0.94	0.03	76.21	85.51	76.21	85.51
T7 NNOOS	60 MPH	1.02%	17.39	0.55	1,931.62	2,103.02	1,931.62	2,103.02
T7 NOOS	60 MPH	0.33%	7.76	0.25	626.89	703.37	626.89	703.37
T7 other port	60 MPH	0.02%	0.50	0.02	36.19	41.10	36.19	41.10
T7 POAK	60 MPH	0.04%	1.09	0.03	78.80	89.50	78.80	89.50
T7 POLA	60 MPH	0.08%	2.01	0.06	154.16	174.02	154.16	174.02
T7 Public	60 MPH	0.01%	0.29	0.01	26.34	29.20	26.34	29.20
T7 Single	60 MPH	0.08%	1.67	0.05	160.15	176.59	160.15	176.59
T7 single construction	60 MPH	0.10%	2.08	0.07	199.47	219.94	199.47	219.94
T7 SWCV	60 MPH	0.03%	0.58	0.02	53.54	59.29	53.54	59.29
T7 tractor	60 MPH	1.29%	29.55	0.94	2,466.04	2,757.35	2,466.04	2,757.35
T7 tractor construction	60 MPH	0.08%	1.76	0.06	148.29	165.63	148.29	165.63
T7 utility	60 MPH	0.00%	0.04	0.00	3.43	3.79	3.43	3.79
T7IS	60 MPH	0.01%	0.15	0.00	6.98	8.43	6.98	8.43
UBUS	60 MPH	0.09%	2.07	0.07	214.50	234.94	214.50	234.94

All Other Buses	65 MPH	0.02%	0.49	0.02	41.74	46.60	41.74	46.60
LDA	65 MPH	47.76%	50.98	1.62	39,921.74	40,424.31	39,921.74	40,424.31
LDT1	65 MPH	6.66%	16.91	0.54	6,360.90	6,527.62	6,360.90	6,527.62
LDT2	65 MPH	18.92%	35.65	1.13	21,799.75	22,151.18	21,799.75	22,151.18
LHD1	65 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
LHD2	65 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
MCY	65 MPH	0.65%	2.45	0.08	147.90	172.07	147.90	172.07
MDV	65 MPH	22.95%	41.15	1.31	32,864.85	33,270.50	32,864.85	33,270.50
MH	65 MPH	0.04%	0.36	0.01	64.08	67.67	64.08	67.67
Motor Coach	65 MPH	0.02%	0.97	0.03	79.07	88.60	79.07	88.60
OBUS	65 MPH	0.02%	0.18	0.01	32.38	34.20	32.38	34.20
PTO	65 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
SBUS	65 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T6 Ag	65 MPH	0.04%	1.21	0.04	105.57	117.46	105.57	117.46
T6 CAIRP heavy	65 MPH	0.00%	0.03	0.00	3.03	3.35	3.03	3.35
T6 CAIRP small	65 MPH	0.00%	0.10	0.00	10.30	11.32	10.30	11.32
T6 instate construction heavy	65 MPH	0.04%	0.98	0.03	85.72	95.42	85.72	95.42
T6 instate construction small	65 MPH	0.09%	2.40	0.08	222.95	246.61	222.95	246.61
T6 instate heavy	65 MPH	0.07%	1.97	0.06	171.45	190.85	171.45	190.85
T6 instate small	65 MPH	0.19%	4.80	0.15	445.92	493.24	445.92	493.24
T6 OOS heavy	65 MPH	0.00%	0.02	0.00	1.74	1.92	1.74	1.92
T6 OOS small	65 MPH	0.00%	0.06	0.00	5.91	6.49	5.91	6.49
T6 Public	65 MPH	0.01%	0.24	0.01	22.24	24.62	22.24	24.62
T6 utility	65 MPH	0.00%	0.04	0.00	4.24	4.66	4.24	4.66
T6TS	65 MPH	0.04%	0.46	0.01	56.63	61.20	56.63	61.20
T7 Ag	65 MPH	0.11%	5.05	0.16	411.96	461.70	411.96	461.70
T7 CAIRP	65 MPH	0.53%	24.60	0.78	1,967.04	2,209.58	1,967.04	2,209.58
T7 CAIRP construction	65 MPH	0.02%	1.09	0.03	87.09	97.83	87.09	97.83
T7 NNOOS	65 MPH	0.60%	20.11	0.64	2,207.27	2,405.51	2,207.27	2,405.51
T7 NOOS	65 MPH	0.19%	8.96	0.28	716.34	804.67	716.34	804.67
T7 other port	65 MPH	0.01%	0.58	0.02	41.36	47.03	41.36	47.03
T7 POAK	65 MPH	0.02%	1.25	0.04	90.05	102.41	90.05	102.41
T7 POLA	65 MPH	0.05%	2.33	0.07	176.16	199.16	176.16	199.16
T7 Public	65 MPH	0.01%	0.34	0.01	30.10	33.43	30.10	33.43
T7 Single	65 MPH	0.05%	1.93	0.06	183.01	202.06	183.01	202.06
T7 single construction	65 MPH	0.06%	2.41	0.08	227.93	251.66	227.93	251.66
T7 SWCV	65 MPH	0.02%	0.68	0.02	61.18	67.84	61.18	67.84
T7 tractor	65 MPH	0.75%	34.19	1.09	2,817.96	3,154.97	2,817.96	3,154.97
T7 tractor construction	65 MPH	0.05%	2.04	0.06	169.45	189.52	169.45	189.52
T7 utility	65 MPH	0.00%	0.04	0.00	3.92	4.34	3.92	4.34
T7IS	65 MPH	0.01%	0.17	0.01	9.12	10.77	9.12	10.77
UBUS	65 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00

All Other Buses	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
LDA	70 MPH	49.27%	0.01	0.00	4.24	4.29	4.24	4.29
LDT1	70 MPH	6.87%	0.00	0.00	0.68	0.69	0.68	0.69
LDT2	70 MPH	19.52%	0.00	0.00	2.31	2.35	2.31	2.35
LHD1	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
LHD2	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
MCY	70 MPH	0.67%	0.00	0.00	0.02	0.02	0.02	0.02
MDV	70 MPH	23.67%	0.00	0.00	3.49	3.53	3.49	3.53
MH	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
Motor Coach	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
OBUS	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
PTO	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
SBUS	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T6 Ag	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T6 CAIRP heavy	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T6 CAIRP small	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T6 instate construction heavy	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T6 instate construction small	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T6 instate heavy	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T6 instate small	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T6 OOS heavy	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T6 OOS small	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T6 Public	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T6 utility	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T6TS	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T7 Ag	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T7 CAIRP	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T7 CAIRP construction	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T7 NNOOS	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T7 NOOS	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T7 other port	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T7 POAK	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T7 POLA	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T7 Public	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T7 Single	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T7 single construction	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T7 SWCV	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T7 tractor	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T7 tractor construction	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T7 utility	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T7IS	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
UBUS	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL			**3,742.23**	**119.00**	**780,230.40**	**817,121.26**	**780,230.40**	**817,121.26**

N2O emissions were calculated using an off-model adjustment provided by CARB in AB 32 Technical Appendices. The off-model adjustment uses a linear regression correlating N2O with NOx. (N2O = 0.0167 + 0.0318 x NOx)

Daily vehicles miles traveled (VMT) multiplied by 347 days/year to account for reduced traffic on weekends and holidays. This assumption is consistent with the California Air Resources Board's (CARB) methodology within the Climate Change Scoping Plan Measure Documentation Supplement.

Based on the emission factors for Fresno County - San Joaquin Valley Air Basin

Year P-2035 BAU GHG Emissions (MTons/Year)

Based on EMFAC2011

	VMT Speed Bins (MPH)	Daily VMT	% of Total	Adjusted Daily VMT[1]	Adjusted Annual VMT[2]
5	0 - 5	1,264	0.02%	1,178	408,925
10	5 - 10	9,954	0.14%	9,280	3,220,283
15	10 - 15	401,801	5.85%	374,609	129,989,260
20	15 - 20	68,785	1.00%	64,130	22,253,084
25	20 - 25	127,827	1.86%	119,176	41,354,146
30	25 - 30	339,699	4.95%	316,710	109,898,237
35	30 - 35	379,549	5.53%	353,863	122,790,370
40	35 - 40	1,066,282	15.53%	994,121	344,959,839
45	40 - 45	1,438,175	20.94%	1,340,845	465,273,367
50	45 - 50	1,012,599	14.74%	944,071	327,592,502
55	50 - 55	489,313	7.13%	456,198	158,300,837
60	55 - 60	570,176	8.30%	531,589	184,461,354
65	60 - 65	961,983	14.01%	896,880	311,217,390
70	65 - 70	84	0.00%	78	27,175
	70 - 75	0	0.00%	0	0
	>75	0	0.00%	0	0
	Total	6,867,491		6,402,728	2,221,746,769
	SP	407,369		379,800	
	VMT/SP	16.86			

[1] VMT is adjusted based on per capita VMT in the Traffic Study provided by Fehr and Peers (i.e., VMT/population and employment (servic population)).

[2] Adjusted Daily vehicles miles traveled (VMT) multiplied by 347 days/year to account for reduced traffic on weekends and holidays. Thi assumption is consistent with the California Air Resources Board's (CARB) methodology within the Climate Change Scoping Plan Measure Documentation Supplement.

Emission year				GWP	GWP			
Baseline in P-2035				310	1			
Vehicle Type	**Speed**	**Percent of VMT of SpeedBin**	**NOx**	**N_2O**	**CO_2**	**CO_2e**	**CO_2w/Pavley + LCF**	**CO_2e w/ Pavley + LCFS**
All Other Buses	05 MPH	0.30%	0.04	0.00	3.27	3.71	3.27	3.71
LDA	05 MPH	1.53%	0.00	0.00	7.00	7.05	7.00	7.05
LDT1	05 MPH	0.21%	0.00	0.00	1.12	1.13	1.12	1.13
LDT2	05 MPH	0.61%	0.00	0.00	3.83	3.86	3.83	3.86
LHD1	05 MPH	59.61%	1.10	0.04	410.97	421.84	410.97	421.84
LHD2	05 MPH	8.95%	0.23	0.01	48.05	50.28	48.05	50.28
MCY	05 MPH	0.02%	0.00	0.00	0.02	0.02	0.02	0.02
MDV	05 MPH	0.74%	0.00	0.00	5.77	5.81	5.77	5.81
MH	05 MPH	0.84%	0.02	0.00	8.52	8.70	8.52	8.70
Motor Coach	05 MPH	0.14%	0.03	0.00	2.30	2.62	2.30	2.62
OBUS	05 MPH	0.48%	0.00	0.00	4.91	4.96	4.91	4.96
PTO	05 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
SBUS	05 MPH	0.59%	0.07	0.00	6.34	7.00	6.34	7.00
T6 Ag	05 MPH	0.76%	0.11	0.00	8.28	9.34	8.28	9.34
T6 CAIRP heavy	05 MPH	0.02%	0.00	0.00	0.24	0.27	0.24	0.27
T6 CAIRP small	05 MPH	0.08%	0.01	0.00	0.81	0.91	0.81	0.91
T6 instate construction heavy	05 MPH	0.62%	0.09	0.00	6.72	7.59	6.72	7.59
T6 instate construction smal	05 MPH	1.64%	0.22	0.01	17.49	19.70	17.49	19.70
T6 instate heavy	05 MPH	1.24%	0.18	0.01	13.45	15.19	13.45	15.19
T6 instate small	05 MPH	3.28%	0.45	0.01	34.97	39.40	34.97	39.40
T6 OOS heavy	05 MPH	0.01%	0.00	0.00	0.14	0.15	0.14	0.15
T6 OOS small	05 MPH	0.04%	0.01	0.00	0.46	0.52	0.46	0.52
T6 Public	05 MPH	0.16%	0.02	0.00	1.74	1.96	1.74	1.96
T6 utility	05 MPH	0.03%	0.00	0.00	0.33	0.37	0.33	0.37
T6TS	05 MPH	0.84%	0.01	0.00	8.59	8.71	8.59	8.71
T7 Ag	05 MPH	0.71%	0.17	0.01	11.96	13.60	11.96	13.60
T7 CAIRP	05 MPH	3.48%	0.85	0.03	57.10	65.51	57.10	65.51
T7 CAIRP construction	05 MPH	0.15%	0.04	0.00	2.53	2.90	2.53	2.90
T7 NNOOS	05 MPH	3.92%	0.75	0.02	64.08	71.47	64.08	71.47
T7 NOOS	05 MPH	1.27%	0.31	0.01	20.80	23.86	20.80	23.86
T7 other port	05 MPH	0.07%	0.02	0.00	1.20	1.39	1.20	1.39
T7 POAK	05 MPH	0.16%	0.04	0.00	2.61	3.03	2.61	3.03
T7 POLA	05 MPH	0.31%	0.08	0.00	5.11	5.87	5.11	5.87
T7 Public	05 MPH	0.05%	0.01	0.00	0.87	0.98	0.87	0.98
T7 Single	05 MPH	0.32%	0.07	0.00	5.31	5.96	5.31	5.96
T7 single construction	05 MPH	0.40%	0.08	0.00	6.62	7.43	6.62	7.43
T7 SWCV	05 MPH	0.11%	0.02	0.00	1.78	2.00	1.78	2.00
T7 tractor	05 MPH	4.95%	1.16	0.04	81.81	93.27	81.81	93.27
T7 tractor construction	05 MPH	0.30%	0.07	0.00	4.92	5.60	4.92	5.60
T7 utility	05 MPH	0.01%	0.00	0.00	0.11	0.13	0.11	0.13
T7IS	05 MPH	0.05%	0.00	0.00	0.51	0.53	0.51	0.53
UBUS	05 MPH	0.99%	0.10	0.00	10.51	11.53	10.51	11.53

All Other Buses	10 MPH	0.46%	0.37	0.01	32.77	36.41	32.77	36.41
LDA	10 MPH	1.29%	0.03	0.00	34.59	34.85	34.59	34.85
LDT1	10 MPH	0.18%	0.01	0.00	5.51	5.59	5.51	5.59
LDT2	10 MPH	0.51%	0.02	0.00	18.91	19.10	18.91	19.10
LHD1	10 MPH	52.12%	7.00	0.22	2,363.40	2,432.37	2,363.40	2,432.37
LHD2	10 MPH	8.19%	1.49	0.05	296.60	311.30	296.60	311.30
MCY	10 MPH	0.02%	0.00	0.00	0.11	0.12	0.11	0.12
MDV	10 MPH	0.62%	0.02	0.00	28.52	28.73	28.52	28.73
MH	10 MPH	1.30%	0.20	0.01	85.81	87.76	85.81	87.76
Motor Coach	10 MPH	0.16%	0.21	0.01	17.63	19.68	17.63	19.68
OBUS	10 MPH	0.74%	0.06	0.00	48.71	49.27	48.71	49.27
PTO	10 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
SBUS	10 MPH	0.64%	0.40	0.01	44.54	48.48	44.54	48.48
T6 Ag	10 MPH	1.17%	0.91	0.03	82.89	91.88	82.89	91.88
T6 CAIRP heavy	10 MPH	0.03%	0.02	0.00	2.38	2.63	2.38	2.63
T6 CAIRP small	10 MPH	0.12%	0.08	0.00	8.09	8.89	8.09	8.89
T6 instate construction heavy	10 MPH	0.96%	0.74	0.02	67.31	74.65	67.31	74.65
T6 instate construction small	10 MPH	2.53%	1.85	0.06	175.05	193.27	175.05	193.27
T6 instate heavy	10 MPH	1.91%	1.49	0.05	134.62	149.30	134.62	149.30
T6 instate small	10 MPH	5.05%	3.70	0.12	350.11	386.56	350.11	386.56
T6 OOS heavy	10 MPH	0.02%	0.01	0.00	1.37	1.51	1.37	1.51
T6 OOS small	10 MPH	0.07%	0.05	0.00	4.64	5.10	4.64	5.10
T6 Public	10 MPH	0.25%	0.18	0.01	17.46	19.25	17.46	19.25
T6 utility	10 MPH	0.05%	0.03	0.00	3.33	3.65	3.33	3.65
T6TS	10 MPH	1.30%	0.14	0.00	85.20	86.61	85.20	86.61
T7 Ag	10 MPH	0.84%	1.07	0.03	91.88	102.40	91.88	102.40
T7 CAIRP	10 MPH	4.11%	5.32	0.17	438.71	491.11	438.71	491.11
T7 CAIRP construction	10 MPH	0.18%	0.24	0.01	19.42	21.74	19.42	21.74
T7 NNOOS	10 MPH	4.63%	4.86	0.15	492.29	540.18	492.29	540.18
T7 NOOS	10 MPH	1.50%	1.94	0.06	159.77	178.85	159.77	178.85
T7 other port	10 MPH	0.09%	0.12	0.00	9.22	10.40	9.22	10.40
T7 POAK	10 MPH	0.19%	0.26	0.01	20.08	22.64	20.08	22.64
T7 POLA	10 MPH	0.36%	0.49	0.02	39.29	44.10	39.29	44.10
T7 Public	10 MPH	0.06%	0.07	0.00	6.71	7.42	6.71	7.42
T7 Single	10 MPH	0.38%	0.43	0.01	40.82	45.04	40.82	45.04
T7 single construction	10 MPH	0.47%	0.53	0.02	50.84	56.09	50.84	56.09
T7 SWCV	10 MPH	0.12%	0.15	0.00	13.64	15.08	13.64	15.08
T7 tractor	10 MPH	5.85%	7.37	0.23	628.49	701.18	628.49	701.18
T7 tractor construction	10 MPH	0.35%	0.44	0.01	37.79	42.13	37.79	42.13
T7 utility	10 MPH	0.01%	0.01	0.00	0.88	0.97	0.88	0.97
T7IS	10 MPH	0.08%	0.02	0.00	4.95	5.13	4.95	5.13
UBUS	10 MPH	1.10%	0.79	0.03	86.72	94.55	86.72	94.55

All Other Buses	15 MPH	0.34%	7.60	0.24	789.63	864.56	789.63	864.56
LDA	15 MPH	0.66%	0.48	0.02	551.60	556.33	551.60	556.33
LDT1	15 MPH	0.09%	0.14	0.00	87.82	89.22	87.82	89.22
LDT2	15 MPH	0.26%	0.34	0.01	301.42	304.78	301.42	304.78
LHD1	15 MPH	62.80%	297.34	9.46	84,349.11	87,280.32	84,349.11	87,280.32
LHD2	15 MPH	9.77%	61.67	1.96	11,076.67	11,684.58	11,076.67	11,684.58
MCY	15 MPH	0.01%	0.01	0.00	2.04	2.16	2.04	2.16
MDV	15 MPH	0.32%	0.40	0.01	454.61	458.52	454.61	458.52
MH	15 MPH	0.89%	4.45	0.14	1,679.53	1,723.44	1,679.53	1,723.44
Motor Coach	15 MPH	0.11%	3.74	0.12	385.04	421.88	385.04	421.88
OBUS	15 MPH	0.51%	1.63	0.05	914.97	931.03	914.97	931.03
PTO	15 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
SBUS	15 MPH	0.69%	12.51	0.40	1,540.99	1,664.35	1,540.99	1,664.35
T6 Ag	15 MPH	0.85%	18.91	0.60	1,997.31	2,183.75	1,997.31	2,183.75
T6 CAIRP heavy	15 MPH	0.02%	0.50	0.02	57.41	62.34	57.41	62.34
T6 CAIRP small	15 MPH	0.09%	1.63	0.05	194.91	210.97	194.91	210.97
T6 instate construction heavy	15 MPH	0.70%	15.42	0.49	1,621.77	1,773.82	1,621.77	1,773.82
T6 instate construction small	15 MPH	1.84%	37.23	1.18	4,217.85	4,584.88	4,217.85	4,584.88
T6 instate heavy	15 MPH	1.39%	30.85	0.98	3,243.70	3,547.83	3,243.70	3,547.83
T6 instate small	15 MPH	3.67%	74.47	2.37	8,436.15	9,170.25	8,436.15	9,170.25
T6 OOS heavy	15 MPH	0.01%	0.29	0.01	32.91	35.74	32.91	35.74
T6 OOS small	15 MPH	0.05%	0.93	0.03	111.75	120.95	111.75	120.95
T6 Public	15 MPH	0.18%	3.79	0.12	420.74	458.15	420.74	458.15
T6 utility	15 MPH	0.03%	0.66	0.02	80.20	86.72	80.20	86.72
T6TS	15 MPH	0.88%	4.09	0.13	1,600.34	1,640.65	1,600.34	1,640.65
T7 Ag	15 MPH	0.55%	19.88	0.63	2,006.15	2,202.15	2,006.15	2,202.15
T7 CAIRP	15 MPH	2.71%	95.46	3.04	9,578.98	10,520.04	9,578.98	10,520.04
T7 CAIRP construction	15 MPH	0.12%	4.23	0.13	424.10	465.76	424.10	465.76
T7 NNOOS	15 MPH	3.05%	90.64	2.88	10,748.88	11,642.45	10,748.88	11,642.45
T7 NOOS	15 MPH	0.99%	34.76	1.11	3,488.42	3,831.13	3,488.42	3,831.13
T7 other port	15 MPH	0.06%	2.11	0.07	201.41	222.25	201.41	222.25
T7 POAK	15 MPH	0.12%	4.62	0.15	438.50	484.09	438.50	484.09
T7 POLA	15 MPH	0.24%	9.01	0.29	857.87	946.71	857.87	946.71
T7 Public	15 MPH	0.04%	1.39	0.04	146.60	160.30	146.60	160.30
T7 Single	15 MPH	0.25%	8.03	0.26	891.21	970.34	891.21	970.34
T7 single construction	15 MPH	0.31%	10.00	0.32	1,109.99	1,208.54	1,109.99	1,208.54
T7 SWCV	15 MPH	0.08%	2.75	0.09	297.91	324.99	297.91	324.99
T7 tractor	15 MPH	3.85%	135.20	4.30	13,722.78	15,055.55	13,722.78	15,055.55
T7 tractor construction	15 MPH	0.23%	8.10	0.26	825.19	905.03	825.19	905.03
T7 utility	15 MPH	0.01%	0.17	0.01	19.11	20.78	19.11	20.78
T7IS	15 MPH	0.04%	0.46	0.01	80.31	84.83	80.31	84.83
UBUS	15 MPH	1.18%	27.43	0.87	3,471.97	3,742.39	3,471.97	3,742.39

All Other Buses	20 MPH	0.08%	0.22	0.01	23.78	25.98	23.78	25.98
LDA	20 MPH	35.98%	4.06	0.13	4,086.13	4,126.11	4,086.13	4,126.11
LDT1	20 MPH	5.02%	1.21	0.04	651.31	663.27	651.31	663.27
LDT2	20 MPH	14.25%	2.86	0.09	2,232.81	2,260.98	2,232.81	2,260.98
LHD1	20 MPH	14.99%	10.99	0.35	2,695.58	2,803.87	2,695.58	2,803.87
LHD2	20 MPH	2.31%	2.22	0.07	370.06	391.91	370.06	391.91
MCY	20 MPH	0.49%	0.13	0.00	16.67	17.92	16.67	17.92
MDV	20 MPH	17.29%	3.32	0.11	3,366.23	3,398.99	3,366.23	3,398.99
MH	20 MPH	0.19%	0.15	0.00	46.61	48.09	46.61	48.09
Motor Coach	20 MPH	0.05%	0.22	0.01	23.94	26.13	23.94	26.13
OBUS	20 MPH	0.11%	0.06	0.00	24.69	25.31	24.69	25.31
PTO	20 MPH	0.74%	3.14	0.10	359.13	390.07	359.13	390.07
SBUS	20 MPH	0.20%	0.48	0.02	58.61	63.34	58.61	63.34
T6 Ag	20 MPH	0.19%	0.56	0.02	60.16	65.65	60.16	65.65
T6 CAIRP heavy	20 MPH	0.01%	0.01	0.00	1.73	1.87	1.73	1.87
T6 CAIRP small	20 MPH	0.02%	0.05	0.00	5.87	6.33	5.87	6.33
T6 instate construction heavy	20 MPH	0.16%	0.45	0.01	48.85	53.32	48.85	53.32
T6 instate construction small	20 MPH	0.41%	1.07	0.03	127.04	137.61	127.04	137.61
T6 instate heavy	20 MPH	0.31%	0.91	0.03	97.70	106.65	97.70	106.65
T6 instate small	20 MPH	0.82%	2.14	0.07	254.10	275.23	254.10	275.23
T6 OOS heavy	20 MPH	0.00%	0.01	0.00	0.99	1.07	0.99	1.07
T6 OOS small	20 MPH	0.01%	0.03	0.00	3.37	3.63	3.37	3.63
T6 Public	20 MPH	0.04%	0.11	0.00	12.67	13.78	12.67	13.78
T6 utility	20 MPH	0.01%	0.02	0.00	2.42	2.60	2.42	2.60
T6TS	20 MPH	0.19%	0.16	0.01	43.18	44.75	43.18	44.75
T7 Ag	20 MPH	0.26%	1.21	0.04	124.75	136.64	124.75	136.64
T7 CAIRP	20 MPH	1.25%	5.63	0.18	595.66	651.13	595.66	651.13
T7 CAIRP construction	20 MPH	0.06%	0.25	0.01	26.37	28.83	26.37	28.83
T7 NNOOS	20 MPH	1.40%	5.36	0.17	668.41	721.24	668.41	721.24
T7 NOOS	20 MPH	0.45%	2.05	0.07	216.93	237.13	216.93	237.13
T7 other port	20 MPH	0.03%	0.12	0.00	12.52	13.75	12.52	13.75
T7 POAK	20 MPH	0.06%	0.27	0.01	27.27	29.96	27.27	29.96
T7 POLA	20 MPH	0.11%	0.55	0.02	53.35	58.72	53.35	58.72
T7 Public	20 MPH	0.02%	0.09	0.00	9.12	9.97	9.12	9.97
T7 Single	20 MPH	0.11%	0.48	0.02	55.42	60.19	55.42	60.19
T7 single construction	20 MPH	0.14%	0.60	0.02	69.02	74.97	69.02	74.97
T7 SWCV	20 MPH	0.04%	0.17	0.01	18.53	20.17	18.53	20.17
T7 tractor	20 MPH	1.77%	8.08	0.26	853.34	933.02	853.34	933.02
T7 tractor construction	20 MPH	0.11%	0.48	0.02	51.31	56.09	51.31	56.09
T7 utility	20 MPH	0.00%	0.01	0.00	1.19	1.29	1.19	1.29
T7IS	20 MPH	0.02%	0.03	0.00	3.57	3.86	3.57	3.86
UBUS	20 MPH	0.33%	1.09	0.03	156.41	167.15	156.41	167.15

All Other Buses	25 MPH	0.23%	1.23	0.04	127.78	139.95	127.78	139.95
LDA	25 MPH	12.98%	2.50	0.08	2,273.32	2,298.00	2,273.32	2,298.00
LDT1	25 MPH	1.81%	0.75	0.02	362.26	369.69	362.26	369.69
LDT2	25 MPH	5.14%	1.75	0.06	1,241.78	1,259.03	1,241.78	1,259.03
LHD1	25 MPH	38.87%	49.70	1.58	10,765.56	11,255.49	10,765.56	11,255.49
LHD2	25 MPH	6.37%	10.50	0.33	1,651.20	1,754.73	1,651.20	1,754.73
MCY	25 MPH	0.18%	0.09	0.00	9.94	10.82	9.94	10.82
MDV	25 MPH	6.23%	2.03	0.06	1,872.15	1,892.20	1,872.15	1,892.20
MH	25 MPH	0.64%	0.90	0.03	224.85	233.74	224.85	233.74
Motor Coach	25 MPH	0.15%	1.23	0.04	127.42	139.53	127.42	139.53
OBUS	25 MPH	0.37%	0.41	0.01	116.10	120.14	116.10	120.14
PTO	25 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
SBUS	25 MPH	0.93%	4.04	0.13	464.40	504.19	464.40	504.19
T6 Ag	25 MPH	0.59%	3.07	0.10	323.22	353.46	323.22	353.46
T6 CAIRP heavy	25 MPH	0.02%	0.08	0.00	9.29	10.08	9.29	10.08
T6 CAIRP small	25 MPH	0.06%	0.26	0.01	31.54	34.09	31.54	34.09
T6 instate construction heavy	25 MPH	0.48%	2.50	0.08	262.45	287.09	262.45	287.09
T6 instate construction small	25 MPH	1.27%	5.95	0.19	682.56	741.26	682.56	741.26
T6 instate heavy	25 MPH	0.96%	5.00	0.16	524.92	574.20	524.92	574.20
T6 instate small	25 MPH	2.54%	11.91	0.38	1,365.20	1,482.60	1,365.20	1,482.60
T6 OOS heavy	25 MPH	0.01%	0.05	0.00	5.33	5.78	5.33	5.78
T6 OOS small	25 MPH	0.03%	0.15	0.00	18.08	19.54	18.08	19.54
T6 Public	25 MPH	0.12%	0.62	0.02	68.09	74.17	68.09	74.17
T6 utility	25 MPH	0.02%	0.11	0.00	12.98	14.02	12.98	14.02
T6TS	25 MPH	0.64%	1.03	0.03	203.06	213.20	203.06	213.20
T7 Ag	25 MPH	0.78%	6.61	0.21	663.89	729.10	663.89	729.10
T7 CAIRP	25 MPH	3.83%	31.23	0.99	3,169.95	3,477.80	3,169.95	3,477.80
T7 CAIRP construction	25 MPH	0.17%	1.38	0.04	140.35	153.98	140.35	153.98
T7 NNOOS	25 MPH	4.31%	28.86	0.92	3,557.10	3,841.58	3,557.10	3,841.58
T7 NOOS	25 MPH	1.39%	11.37	0.36	1,154.41	1,266.53	1,154.41	1,266.53
T7 other port	25 MPH	0.08%	0.70	0.02	66.65	73.55	66.65	73.55
T7 POAK	25 MPH	0.18%	1.53	0.05	145.11	160.22	145.11	160.22
T7 POLA	25 MPH	0.34%	3.00	0.10	283.89	313.51	283.89	313.51
T7 Public	25 MPH	0.06%	0.47	0.01	48.51	53.11	48.51	53.11
T7 Single	25 MPH	0.35%	2.63	0.08	294.93	320.88	294.93	320.88
T7 single construction	25 MPH	0.44%	3.28	0.10	367.33	399.65	367.33	399.65
T7 SWCV	25 MPH	0.12%	0.91	0.03	98.59	107.57	98.59	107.57
T7 tractor	25 MPH	5.44%	44.49	1.41	4,541.24	4,979.81	4,541.24	4,979.81
T7 tractor construction	25 MPH	0.33%	2.66	0.08	273.08	299.35	273.08	299.35
T7 utility	25 MPH	0.01%	0.06	0.00	6.33	6.87	6.33	6.87
T7IS	25 MPH	0.06%	0.22	0.01	19.66	21.87	19.66	21.87
UBUS	25 MPH	1.47%	7.97	0.25	1,258.69	1,337.26	1,258.69	1,337.26

All Other Buses	30 MPH	0.17%	2.34	0.07	235.35	258.45	235.35	258.45
LDA	30 MPH	24.43%	11.75	0.37	9,792.61	9,908.44	9,792.61	9,908.44
LDT1	30 MPH	3.41%	3.57	0.11	1,560.18	1,595.39	1,560.18	1,595.39
LDT2	30 MPH	9.68%	8.16	0.26	5,347.37	5,427.82	5,347.37	5,427.82
LHD1	30 MPH	20.71%	67.63	2.15	13,273.40	13,940.14	13,273.40	13,940.14
LHD2	30 MPH	3.37%	14.00	0.45	2,101.36	2,239.34	2,101.36	2,239.34
MCY	30 MPH	0.33%	0.46	0.01	44.99	49.54	44.99	49.54
MDV	30 MPH	11.74%	9.48	0.30	8,061.79	8,155.24	8,061.79	8,155.24
MH	30 MPH	0.45%	1.69	0.05	350.58	367.27	350.58	367.27
Motor Coach	30 MPH	0.16%	3.31	0.11	329.51	362.14	329.51	362.14
OBUS	30 MPH	0.25%	0.79	0.03	172.77	180.57	172.77	180.57
PTO	30 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
SBUS	30 MPH	0.68%	7.66	0.24	838.46	913.97	838.46	913.97
T6 Ag	30 MPH	0.44%	5.80	0.18	595.31	652.48	595.31	652.48
T6 CAIRP heavy	30 MPH	0.01%	0.15	0.00	17.11	18.61	17.11	18.61
T6 CAIRP small	30 MPH	0.04%	0.49	0.02	58.10	62.95	58.10	62.95
T6 instate construction heavy	30 MPH	0.35%	4.73	0.15	483.38	529.98	483.38	529.98
T6 instate construction small	30 MPH	0.94%	11.35	0.36	1,257.16	1,369.06	1,257.16	1,369.06
T6 instate heavy	30 MPH	0.71%	9.45	0.30	966.81	1,060.01	966.81	1,060.01
T6 instate small	30 MPH	1.87%	22.70	0.72	2,514.46	2,738.25	2,514.46	2,738.25
T6 OOS heavy	30 MPH	0.01%	0.09	0.00	9.81	10.67	9.81	10.67
T6 OOS small	30 MPH	0.02%	0.28	0.01	33.31	36.09	33.31	36.09
T6 Public	30 MPH	0.09%	1.16	0.04	125.41	136.88	125.41	136.88
T6 utility	30 MPH	0.02%	0.20	0.01	23.90	25.89	23.90	25.89
T6TS	30 MPH	0.44%	1.99	0.06	302.19	321.76	302.19	321.76
T7 Ag	30 MPH	0.81%	17.65	0.56	1,716.85	1,890.84	1,716.85	1,890.84
T7 CAIRP	30 MPH	3.97%	84.22	2.68	8,197.66	9,027.94	8,197.66	9,027.94
T7 CAIRP construction	30 MPH	0.18%	3.73	0.12	362.94	399.70	362.94	399.70
T7 NNOOS	30 MPH	4.47%	75.63	2.40	9,198.85	9,944.39	9,198.85	9,944.39
T7 NOOS	30 MPH	1.45%	30.67	0.98	2,985.38	3,287.75	2,985.38	3,287.75
T7 other port	30 MPH	0.08%	1.91	0.06	172.36	191.17	172.36	191.17
T7 POAK	30 MPH	0.18%	4.17	0.13	375.26	416.38	375.26	416.38
T7 POLA	30 MPH	0.35%	8.05	0.26	734.16	813.55	734.16	813.55
T7 Public	30 MPH	0.06%	1.23	0.04	125.46	137.54	125.46	137.54
T7 Single	30 MPH	0.37%	6.97	0.22	762.70	831.36	762.70	831.36
T7 single construction	30 MPH	0.45%	8.68	0.28	949.92	1,035.44	949.92	1,035.44
T7 SWCV	30 MPH	0.12%	2.41	0.08	254.95	278.75	254.95	278.75
T7 tractor	30 MPH	5.64%	119.09	3.79	11,743.90	12,917.91	11,743.90	12,917.91
T7 tractor construction	30 MPH	0.34%	7.12	0.23	706.20	776.41	706.20	776.41
T7 utility	30 MPH	0.01%	0.15	0.00	16.36	17.82	16.36	17.82
T7IS	30 MPH	0.07%	0.69	0.02	47.26	54.10	47.26	54.10
UBUS	30 MPH	1.13%	15.00	0.48	2,514.94	2,662.82	2,514.94	2,662.82

All Other Buses	35 MPH	0.08%	1.22	0.04	119.16	131.21	119.16	131.21
LDA	35 MPH	38.66%	19.84	0.63	15,486.06	15,681.68	15,486.06	15,681.68
LDT1	35 MPH	5.39%	6.10	0.19	2,466.60	2,526.72	2,466.60	2,526.72
LDT2	35 MPH	15.32%	13.71	0.44	8,453.77	8,588.97	8,453.77	8,588.97
LHD1	35 MPH	3.67%	13.35	0.42	2,386.75	2,518.32	2,386.75	2,518.32
LHD2	35 MPH	0.64%	2.92	0.09	415.61	444.37	415.61	444.37
MCY	35 MPH	0.52%	0.85	0.03	73.15	81.50	73.15	81.50
MDV	35 MPH	18.58%	15.92	0.51	12,745.35	12,902.29	12,745.35	12,902.29
MH	35 MPH	0.22%	0.96	0.03	172.06	181.52	172.06	181.52
Motor Coach	35 MPH	0.12%	2.66	0.08	254.53	280.77	254.53	280.77
OBUS	35 MPH	0.13%	0.47	0.01	83.07	87.67	83.07	87.67
PTO	35 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
SBUS	35 MPH	0.28%	3.49	0.11	365.52	399.90	365.52	399.90
T6 Ag	35 MPH	0.21%	3.02	0.10	301.39	331.13	301.39	331.13
T6 CAIRP heavy	35 MPH	0.01%	0.08	0.00	8.66	9.44	8.66	9.44
T6 CAIRP small	35 MPH	0.02%	0.26	0.01	29.41	31.95	29.41	31.95
T6 instate construction heavy	35 MPH	0.17%	2.46	0.08	244.72	268.97	244.72	268.97
T6 instate construction small	35 MPH	0.45%	5.95	0.19	636.47	695.09	636.47	695.09
T6 instate heavy	35 MPH	0.34%	4.92	0.16	489.48	537.96	489.48	537.96
T6 instate small	35 MPH	0.90%	11.89	0.38	1,273.02	1,390.25	1,273.02	1,390.25
T6 OOS heavy	35 MPH	0.00%	0.05	0.00	4.97	5.41	4.97	5.41
T6 OOS small	35 MPH	0.01%	0.15	0.00	16.86	18.32	16.86	18.32
T6 Public	35 MPH	0.04%	0.60	0.02	63.49	69.45	63.49	69.45
T6 utility	35 MPH	0.01%	0.11	0.00	12.10	13.14	12.10	13.14
T6TS	35 MPH	0.22%	1.17	0.04	145.30	156.83	145.30	156.83
T7 Ag	35 MPH	0.59%	14.07	0.45	1,326.17	1,464.88	1,326.17	1,464.88
T7 CAIRP	35 MPH	2.90%	67.78	2.16	6,332.19	7,000.33	6,332.19	7,000.33
T7 CAIRP construction	35 MPH	0.13%	3.00	0.10	280.35	309.93	280.35	309.93
T7 NNOOS	35 MPH	3.26%	59.28	1.88	7,105.56	7,689.89	7,105.56	7,689.89
T7 NOOS	35 MPH	1.06%	24.68	0.78	2,306.02	2,549.34	2,306.02	2,549.34
T7 other port	35 MPH	0.06%	1.55	0.05	133.14	148.41	133.14	148.41
T7 POAK	35 MPH	0.13%	3.38	0.11	289.87	323.22	289.87	323.22
T7 POLA	35 MPH	0.25%	6.45	0.21	567.10	630.65	567.10	630.65
T7 Public	35 MPH	0.04%	0.96	0.03	96.91	106.41	96.91	106.41
T7 Single	35 MPH	0.27%	5.51	0.18	589.14	643.45	589.14	643.45
T7 single construction	35 MPH	0.33%	6.86	0.22	733.76	801.40	733.76	801.40
T7 SWCV	35 MPH	0.09%	1.91	0.06	196.93	215.79	196.93	215.79
T7 tractor	35 MPH	4.12%	95.21	3.03	9,071.45	10,010.06	9,071.45	10,010.06
T7 tractor construction	35 MPH	0.25%	5.69	0.18	545.49	601.55	545.49	601.55
T7 utility	35 MPH	0.01%	0.12	0.00	12.63	13.80	12.63	13.80
T7IS	35 MPH	0.05%	0.58	0.02	32.52	38.26	32.52	38.26
UBUS	35 MPH	0.45%	6.44	0.20	1,103.60	1,167.11	1,103.60	1,167.11

All Other Buses	40 MPH	0.06%	2.53	0.08	238.88	263.80	238.88	263.80
LDA	40 MPH	43.70%	61.46	1.95	45,542.06	46,147.95	45,542.06	46,147.95
LDT1	40 MPH	6.10%	19.13	0.61	7,254.80	7,443.35	7,254.80	7,443.35
LDT2	40 MPH	17.31%	42.35	1.35	24,857.44	25,274.92	24,857.44	25,274.92
LHD1	40 MPH	0.93%	9.70	0.31	1,595.80	1,691.45	1,595.80	1,691.45
LHD2	40 MPH	0.18%	2.34	0.07	315.07	338.16	315.07	338.16
MCY	40 MPH	0.59%	2.80	0.09	217.21	244.82	217.21	244.82
MDV	40 MPH	21.00%	49.12	1.56	37,473.51	37,957.72	37,473.51	37,957.72
MH	40 MPH	0.17%	2.05	0.07	331.73	351.98	331.73	351.98
Motor Coach	40 MPH	0.07%	4.21	0.13	387.93	429.48	387.93	429.48
OBUS	40 MPH	0.10%	1.02	0.03	157.55	167.64	157.55	167.64
PTO	40 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
SBUS	40 MPH	0.12%	3.93	0.12	396.25	434.98	396.25	434.98
T6 Ag	40 MPH	0.16%	6.21	0.20	604.24	665.48	604.24	665.48
T6 CAIRP heavy	40 MPH	0.00%	0.16	0.01	17.37	18.98	17.37	18.98
T6 CAIRP small	40 MPH	0.02%	0.53	0.02	58.97	64.21	58.97	64.21
T6 instate construction heavy	40 MPH	0.13%	5.07	0.16	490.63	540.58	490.63	540.58
T6 instate construction small	40 MPH	0.34%	12.32	0.39	1,276.01	1,397.46	1,276.01	1,397.46
T6 instate heavy	40 MPH	0.25%	10.13	0.32	981.31	1,081.21	981.31	1,081.21
T6 instate small	40 MPH	0.67%	24.64	0.78	2,552.16	2,795.06	2,552.16	2,795.06
T6 OOS heavy	40 MPH	0.00%	0.09	0.00	9.96	10.88	9.96	10.88
T6 OOS small	40 MPH	0.01%	0.31	0.01	33.81	36.82	33.81	36.82
T6 Public	40 MPH	0.03%	1.24	0.04	127.29	139.54	127.29	139.54
T6 utility	40 MPH	0.01%	0.22	0.01	24.26	26.42	24.26	26.42
T6TS	40 MPH	0.17%	2.57	0.08	275.57	300.90	275.57	300.90
T7 Ag	40 MPH	0.34%	22.12	0.70	2,021.24	2,239.34	2,021.24	2,239.34
T7 CAIRP	40 MPH	1.65%	107.36	3.41	9,651.05	10,709.42	9,651.05	10,709.42
T7 CAIRP construction	40 MPH	0.07%	4.75	0.15	427.29	474.15	427.29	474.15
T7 NNOOS	40 MPH	1.86%	91.75	2.92	10,829.75	11,734.23	10,829.75	11,734.23
T7 NOOS	40 MPH	0.60%	39.10	1.24	3,514.67	3,900.10	3,514.67	3,900.10
T7 other port	40 MPH	0.03%	2.47	0.08	202.92	227.30	202.92	227.30
T7 POAK	40 MPH	0.08%	5.40	0.17	441.80	494.99	441.80	494.99
T7 POLA	40 MPH	0.14%	10.17	0.32	864.32	964.60	864.32	964.60
T7 Public	40 MPH	0.02%	1.50	0.05	147.70	162.47	147.70	162.47
T7 Single	40 MPH	0.15%	8.60	0.27	897.92	982.72	897.92	982.72
T7 single construction	40 MPH	0.19%	10.71	0.34	1,118.34	1,223.96	1,118.34	1,223.96
T7 SWCV	40 MPH	0.05%	2.99	0.10	300.15	329.65	300.15	329.65
T7 tractor	40 MPH	2.34%	150.02	4.77	13,826.02	15,304.91	13,826.02	15,304.91
T7 tractor construction	40 MPH	0.14%	8.95	0.28	831.40	919.61	831.40	919.61
T7 utility	40 MPH	0.00%	0.19	0.01	19.26	21.09	19.26	21.09
T7IS	40 MPH	0.03%	0.89	0.03	43.19	52.00	43.19	52.00
UBUS	40 MPH	0.20%	7.94	0.25	1,335.57	1,413.83	1,335.57	1,413.83

All Other Buses	45 MPH	0.06%	3.07	0.10	281.78	312.02	281.78	312.02
LDA	45 MPH	41.62%	78.11	2.48	56,309.79	57,079.81	56,309.79	57,079.81
LDT1	45 MPH	5.81%	24.61	0.78	8,969.29	9,211.94	8,969.29	9,211.94
LDT2	45 MPH	16.49%	53.75	1.71	30,731.03	31,260.89	30,731.03	31,260.89
LHD1	45 MPH	1.16%	17.05	0.54	2,629.20	2,797.25	2,629.20	2,797.25
LHD2	45 MPH	0.22%	4.04	0.13	513.31	553.15	513.31	553.15
MCY	45 MPH	0.56%	3.73	0.12	265.28	302.07	265.28	302.07
MDV	45 MPH	20.00%	62.29	1.98	46,328.34	46,942.36	46,328.34	46,942.36
MH	45 MPH	0.17%	2.80	0.09	425.14	452.72	425.14	452.72
Motor Coach	45 MPH	0.10%	8.80	0.28	782.37	869.11	782.37	869.11
OBUS	45 MPH	0.10%	1.44	0.05	204.11	218.32	204.11	218.32
PTO	45 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
SBUS	45 MPH	0.06%	2.80	0.09	273.50	301.09	273.50	301.09
T6 Ag	45 MPH	0.14%	7.52	0.24	712.74	786.90	712.74	786.90
T6 CAIRP heavy	45 MPH	0.00%	0.20	0.01	20.49	22.44	20.49	22.44
T6 CAIRP small	45 MPH	0.01%	0.65	0.02	69.55	75.93	69.55	75.93
T6 instate construction heavy	45 MPH	0.12%	6.14	0.20	578.72	639.22	578.72	639.22
T6 instate construction small	45 MPH	0.30%	14.98	0.48	1,505.13	1,652.81	1,505.13	1,652.81
T6 instate heavy	45 MPH	0.23%	12.27	0.39	1,157.51	1,278.50	1,157.51	1,278.50
T6 instate small	45 MPH	0.61%	29.96	0.95	3,010.42	3,305.80	3,010.42	3,305.80
T6 OOS heavy	45 MPH	0.00%	0.11	0.00	11.74	12.87	11.74	12.87
T6 OOS small	45 MPH	0.01%	0.37	0.01	39.88	43.53	39.88	43.53
T6 Public	45 MPH	0.03%	1.50	0.05	150.14	164.97	150.14	164.97
T6 utility	45 MPH	0.01%	0.27	0.01	28.62	31.24	28.62	31.24
T6TS	45 MPH	0.17%	3.62	0.12	356.99	392.67	356.99	392.67
T7 Ag	45 MPH	0.52%	45.96	1.46	4,076.35	4,529.39	4,076.35	4,529.39
T7 CAIRP	45 MPH	2.56%	224.22	7.13	19,463.82	21,674.13	19,463.82	21,674.13
T7 CAIRP construction	45 MPH	0.11%	9.93	0.32	861.74	959.60	861.74	959.60
T7 NNOOS	45 MPH	2.88%	188.01	5.98	21,840.98	23,694.35	21,840.98	23,694.35
T7 NOOS	45 MPH	0.93%	81.65	2.60	7,088.23	7,893.17	7,088.23	7,893.17
T7 other port	45 MPH	0.05%	5.20	0.17	409.25	460.46	409.25	460.46
T7 POAK	45 MPH	0.12%	11.33	0.36	891.00	1,002.69	891.00	1,002.69
T7 POLA	45 MPH	0.22%	21.19	0.67	1,743.13	1,952.01	1,743.13	1,952.01
T7 Public	45 MPH	0.04%	3.08	0.10	297.88	328.27	297.88	328.27
T7 Single	45 MPH	0.24%	17.76	0.56	1,810.88	1,985.99	1,810.88	1,985.99
T7 single construction	45 MPH	0.29%	22.12	0.70	2,255.41	2,473.51	2,255.41	2,473.51
T7 SWCV	45 MPH	0.08%	6.19	0.20	605.33	666.34	605.33	666.34
T7 tractor	45 MPH	3.63%	312.05	9.92	27,883.72	30,959.89	27,883.72	30,959.89
T7 tractor construction	45 MPH	0.22%	18.60	0.59	1,676.73	1,860.04	1,676.73	1,860.04
T7 utility	45 MPH	0.01%	0.39	0.01	38.84	42.63	38.84	42.63
T7IS	45 MPH	0.03%	1.47	0.05	64.92	79.46	64.92	79.46
UBUS	45 MPH	0.09%	5.46	0.17	866.41	920.25	866.41	920.25

All Other Buses	50 MPH	0.05%	1.76	0.06	157.01	174.31	157.01	174.31
LDA	50 MPH	41.47%	55.20	1.76	39,467.32	40,011.48	39,467.32	40,011.48
LDT1	50 MPH	5.79%	17.62	0.56	6,286.41	6,460.07	6,286.41	6,460.07
LDT2	50 MPH	16.43%	38.01	1.21	21,539.10	21,913.79	21,539.10	21,913.79
LHD1	50 MPH	4.41%	48.33	1.54	7,041.62	7,518.04	7,041.62	7,518.04
LHD2	50 MPH	0.74%	10.31	0.33	1,224.62	1,326.23	1,224.62	1,326.23
MCY	50 MPH	0.56%	2.72	0.09	180.06	206.83	180.06	206.83
MDV	50 MPH	19.93%	44.01	1.40	32,471.29	32,905.09	32,471.29	32,905.09
MH	50 MPH	0.12%	1.46	0.05	214.46	228.84	214.46	228.84
Motor Coach	50 MPH	0.08%	4.70	0.15	405.09	451.38	405.09	451.38
OBUS	50 MPH	0.07%	0.75	0.02	101.84	109.22	101.84	109.22
PTO	50 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
SBUS	50 MPH	0.02%	0.72	0.02	68.39	75.46	68.39	75.46
T6 Ag	50 MPH	0.11%	4.30	0.14	397.14	439.49	397.14	439.49
T6 CAIRP heavy	50 MPH	0.00%	0.11	0.00	11.41	12.53	11.41	12.53
T6 CAIRP small	50 MPH	0.01%	0.37	0.01	38.76	42.40	38.76	42.40
T6 instate construction heavy	50 MPH	0.09%	3.50	0.11	322.47	357.02	322.47	357.02
T6 instate construction small	50 MPH	0.25%	8.58	0.27	838.67	923.21	838.67	923.21
T6 instate heavy	50 MPH	0.19%	7.01	0.22	644.97	714.07	644.97	714.07
T6 instate small	50 MPH	0.49%	17.15	0.55	1,677.43	1,846.51	1,677.43	1,846.51
T6 OOS heavy	50 MPH	0.00%	0.07	0.00	6.54	7.19	6.54	7.19
T6 OOS small	50 MPH	0.01%	0.21	0.01	22.22	24.31	22.22	24.31
T6 Public	50 MPH	0.02%	0.86	0.03	83.66	92.12	83.66	92.12
T6 utility	50 MPH	0.00%	0.15	0.00	15.95	17.44	15.95	17.44
T6TS	50 MPH	0.12%	1.88	0.06	178.12	196.68	178.12	196.68
T7 Ag	50 MPH	0.39%	24.44	0.78	2,110.66	2,351.62	2,110.66	2,351.62
T7 CAIRP	50 MPH	1.93%	119.63	3.80	10,078.00	11,257.36	10,078.00	11,257.36
T7 CAIRP construction	50 MPH	0.09%	5.30	0.17	446.19	498.41	446.19	498.41
T7 NNOOS	50 MPH	2.17%	98.90	3.14	11,308.85	12,283.77	11,308.85	12,283.77
T7 NOOS	50 MPH	0.70%	43.57	1.39	3,670.15	4,099.64	3,670.15	4,099.64
T7 other port	50 MPH	0.04%	2.78	0.09	211.90	239.35	211.90	239.35
T7 POAK	50 MPH	0.09%	6.07	0.19	461.34	521.19	461.34	521.19
T7 POLA	50 MPH	0.17%	11.29	0.36	902.56	1,013.88	902.56	1,013.88
T7 Public	50 MPH	0.03%	1.63	0.05	154.24	170.31	154.24	170.31
T7 Single	50 MPH	0.18%	9.40	0.30	937.64	1,030.35	937.64	1,030.35
T7 single construction	50 MPH	0.22%	11.71	0.37	1,167.81	1,283.29	1,167.81	1,283.29
T7 SWCV	50 MPH	0.06%	3.28	0.10	313.43	345.78	313.43	345.78
T7 tractor	50 MPH	2.74%	166.07	5.28	14,437.67	16,074.80	14,437.67	16,074.80
T7 tractor construction	50 MPH	0.16%	9.89	0.31	868.18	965.67	868.18	965.67
T7 utility	50 MPH	0.00%	0.20	0.01	20.11	22.13	20.11	22.13
T7IS	50 MPH	0.02%	0.81	0.03	34.83	42.86	34.83	42.86
UBUS	50 MPH	0.03%	1.56	0.05	224.63	240.06	224.63	240.06

All Other Buses	55 MPH	0.09%	1.66	0.05	145.36	161.74	145.36	161.74
LDA	55 MPH	39.12%	25.80	0.82	18,649.50	18,903.86	18,649.50	18,903.86
LDT1	55 MPH	5.46%	8.34	0.27	2,970.63	3,052.84	2,970.63	3,052.84
LDT2	55 MPH	15.50%	17.82	0.57	10,178.89	10,354.53	10,178.89	10,354.53
LHD1	55 MPH	2.46%	14.55	0.46	1,963.65	2,107.04	1,963.65	2,107.04
LHD2	55 MPH	0.48%	3.57	0.11	386.82	422.02	386.82	422.02
MCY	55 MPH	0.53%	1.28	0.04	80.83	93.48	80.83	93.48
MDV	55 MPH	18.80%	20.61	0.66	15,345.33	15,548.49	15,345.33	15,548.49
MH	55 MPH	0.21%	1.28	0.04	189.87	202.47	189.87	202.47
Motor Coach	55 MPH	0.12%	3.71	0.12	312.08	348.62	312.08	348.62
OBUS	55 MPH	0.12%	0.65	0.02	90.39	96.82	90.39	96.82
PTO	55 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
SBUS	55 MPH	0.04%	0.69	0.02	64.76	71.59	64.76	71.59
T6 Ag	55 MPH	0.22%	4.06	0.13	367.67	407.74	367.67	407.74
T6 CAIRP heavy	55 MPH	0.01%	0.11	0.00	10.57	11.63	10.57	11.63
T6 CAIRP small	55 MPH	0.02%	0.35	0.01	35.88	39.33	35.88	39.33
T6 instate construction heavy	55 MPH	0.18%	3.32	0.11	298.54	331.23	298.54	331.23
T6 instate construction small	55 MPH	0.48%	8.12	0.26	776.43	856.48	776.43	856.48
T6 instate heavy	55 MPH	0.36%	6.63	0.21	597.11	662.49	597.11	662.49
T6 instate small	55 MPH	0.96%	16.24	0.52	1,552.95	1,713.04	1,552.95	1,713.04
T6 OOS heavy	55 MPH	0.00%	0.06	0.00	6.06	6.67	6.06	6.67
T6 OOS small	55 MPH	0.01%	0.20	0.01	20.57	22.55	20.57	22.55
T6 Public	55 MPH	0.05%	0.81	0.03	77.45	85.46	77.45	85.46
T6 utility	55 MPH	0.01%	0.14	0.00	14.76	16.18	14.76	16.18
T6TS	55 MPH	0.21%	1.64	0.05	158.09	174.26	158.09	174.26
T7 Ag	55 MPH	0.64%	19.27	0.61	1,626.04	1,816.04	1,626.04	1,816.04
T7 CAIRP	55 MPH	3.11%	94.42	3.00	7,764.06	8,694.82	7,764.06	8,694.82
T7 CAIRP construction	55 MPH	0.14%	4.18	0.13	343.75	384.95	343.75	384.95
T7 NNOOS	55 MPH	3.50%	77.35	2.46	8,712.30	9,474.79	8,712.30	9,474.79
T7 NOOS	55 MPH	1.13%	34.38	1.09	2,827.47	3,166.43	2,827.47	3,166.43
T7 other port	55 MPH	0.07%	2.20	0.07	163.25	184.98	163.25	184.98
T7 POAK	55 MPH	0.14%	4.80	0.15	355.42	402.78	355.42	402.78
T7 POLA	55 MPH	0.27%	8.91	0.28	695.33	783.20	695.33	783.20
T7 Public	55 MPH	0.05%	1.28	0.04	118.82	131.46	118.82	131.46
T7 Single	55 MPH	0.29%	7.39	0.24	722.36	795.23	722.36	795.23
T7 single construction	55 MPH	0.36%	9.21	0.29	899.68	990.45	899.68	990.45
T7 SWCV	55 MPH	0.09%	2.58	0.08	241.47	266.93	241.47	266.93
T7 tractor	55 MPH	4.42%	130.92	4.16	11,122.73	12,413.36	11,122.73	12,413.36
T7 tractor construction	55 MPH	0.27%	7.79	0.25	668.84	745.67	668.84	745.67
T7 utility	55 MPH	0.01%	0.16	0.01	15.49	17.08	15.49	17.08
T7IS	55 MPH	0.05%	0.79	0.03	34.69	42.45	34.69	42.45
UBUS	55 MPH	0.06%	1.44	0.05	178.76	192.91	178.76	192.91

All Other Buses	60 MPH	0.10%	2.28	0.07	195.95	218.46	195.95	218.46
LDA	60 MPH	45.45%	36.45	1.16	27,140.98	27,500.33	27,140.98	27,500.33
LDT1	60 MPH	6.34%	11.93	0.38	4,324.18	4,441.83	4,324.18	4,441.83
LDT2	60 MPH	18.01%	25.30	0.80	14,816.86	15,066.27	14,816.86	15,066.27
LHD1	60 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
LHD2	60 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
MCY	60 MPH	0.61%	1.80	0.06	109.78	127.53	109.78	127.53
MDV	60 MPH	21.84%	29.23	0.93	22,336.83	22,625.02	22,336.83	22,625.02
MH	60 MPH	0.24%	1.71	0.05	268.95	285.78	268.95	285.78
Motor Coach	60 MPH	0.04%	1.29	0.04	106.65	119.36	106.65	119.36
OBUS	60 MPH	0.13%	0.87	0.03	131.06	139.64	131.06	139.64
PTO	60 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
SBUS	60 MPH	0.02%	0.44	0.01	40.93	45.28	40.93	45.28
T6 Ag	60 MPH	0.26%	5.58	0.18	495.64	550.66	495.64	550.66
T6 CAIRP heavy	60 MPH	0.01%	0.15	0.00	14.25	15.70	14.25	15.70
T6 CAIRP small	60 MPH	0.03%	0.48	0.02	48.37	53.09	48.37	53.09
T6 instate construction heavy	60 MPH	0.21%	4.55	0.14	402.45	447.33	402.45	447.33
T6 instate construction small	60 MPH	0.55%	11.14	0.35	1,046.68	1,156.47	1,046.68	1,156.47
T6 instate heavy	60 MPH	0.42%	9.11	0.29	804.94	894.71	804.94	894.71
T6 instate small	60 MPH	1.10%	22.27	0.71	2,093.47	2,313.06	2,093.47	2,313.06
T6 OOS heavy	60 MPH	0.00%	0.08	0.00	8.17	9.00	8.17	9.00
T6 OOS small	60 MPH	0.01%	0.27	0.01	27.73	30.44	27.73	30.44
T6 Public	60 MPH	0.05%	1.12	0.04	104.41	115.40	104.41	115.40
T6 utility	60 MPH	0.01%	0.20	0.01	19.90	21.85	19.90	21.85
T6TS	60 MPH	0.23%	2.19	0.07	229.23	250.78	229.23	250.78
T7 Ag	60 MPH	0.19%	6.71	0.21	555.70	621.86	555.70	621.86
T7 CAIRP	60 MPH	0.91%	32.84	1.04	2,653.35	2,977.06	2,653.35	2,977.06
T7 CAIRP construction	60 MPH	0.04%	1.45	0.05	117.47	131.81	117.47	131.81
T7 NNOOS	60 MPH	1.02%	26.80	0.85	2,977.41	3,241.60	2,977.41	3,241.60
T7 NOOS	60 MPH	0.33%	11.96	0.38	966.28	1,084.17	966.28	1,084.17
T7 other port	60 MPH	0.02%	0.77	0.02	55.79	63.36	55.79	63.36
T7 POAK	60 MPH	0.04%	1.67	0.05	121.46	137.96	121.46	137.96
T7 POLA	60 MPH	0.08%	3.11	0.10	237.63	268.24	237.63	268.24
T7 Public	60 MPH	0.01%	0.45	0.01	40.61	45.01	40.61	45.01
T7 Single	60 MPH	0.08%	2.57	0.08	246.86	272.20	246.86	272.20
T7 single construction	60 MPH	0.10%	3.20	0.10	307.46	339.02	307.46	339.02
T7 SWCV	60 MPH	0.03%	0.90	0.03	82.52	91.38	82.52	91.38
T7 tractor	60 MPH	1.29%	45.55	1.45	3,801.17	4,250.19	3,801.17	4,250.19
T7 tractor construction	60 MPH	0.08%	2.71	0.09	228.58	255.30	228.58	255.30
T7 utility	60 MPH	0.00%	0.06	0.00	5.29	5.85	5.29	5.85
T7IS	60 MPH	0.01%	0.23	0.01	10.76	12.99	10.76	12.99
UBUS	60 MPH	0.09%	3.20	0.10	330.63	362.14	330.63	362.14

All Other Buses	65 MPH	0.02%	0.66	0.02	56.20	62.74	56.20	62.74
LDA	65 MPH	47.76%	68.64	2.18	53,751.67	54,428.34	53,751.67	54,428.34
LDT1	65 MPH	6.66%	22.77	0.72	8,564.48	8,788.96	8,564.48	8,788.96
LDT2	65 MPH	18.92%	48.00	1.53	29,351.76	29,824.93	29,351.76	29,824.93
LHD1	65 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
LHD2	65 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
MCY	65 MPH	0.65%	3.30	0.10	199.14	231.67	199.14	231.67
MDV	65 MPH	22.95%	55.40	1.76	44,250.09	44,796.27	44,250.09	44,796.27
MH	65 MPH	0.04%	0.49	0.02	86.29	91.11	86.29	91.11
Motor Coach	65 MPH	0.02%	1.30	0.04	106.46	119.29	106.46	119.29
OBUS	65 MPH	0.02%	0.25	0.01	43.59	46.04	43.59	46.04
PTO	65 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
SBUS	65 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T6 Ag	65 MPH	0.04%	1.62	0.05	142.15	158.16	142.15	158.16
T6 CAIRP heavy	65 MPH	0.00%	0.04	0.00	4.09	4.51	4.09	4.51
T6 CAIRP small	65 MPH	0.00%	0.14	0.00	13.87	15.24	13.87	15.24
T6 instate construction heavy	65 MPH	0.04%	1.32	0.04	115.42	128.48	115.42	128.48
T6 instate construction small	65 MPH	0.09%	3.23	0.10	300.18	332.04	300.18	332.04
T6 instate heavy	65 MPH	0.07%	2.65	0.08	230.85	256.97	230.85	256.97
T6 instate small	65 MPH	0.19%	6.46	0.21	600.39	664.11	600.39	664.11
T6 OOS heavy	65 MPH	0.00%	0.02	0.00	2.34	2.58	2.34	2.58
T6 OOS small	65 MPH	0.00%	0.08	0.00	7.95	8.74	7.95	8.74
T6 Public	65 MPH	0.01%	0.32	0.01	29.94	33.14	29.94	33.14
T6 utility	65 MPH	0.00%	0.06	0.00	5.71	6.27	5.71	6.27
T6TS	65 MPH	0.04%	0.62	0.02	76.24	82.40	76.24	82.40
T7 Ag	65 MPH	0.11%	6.79	0.22	554.67	621.65	554.67	621.65
T7 CAIRP	65 MPH	0.53%	33.13	1.05	2,648.47	2,975.04	2,648.47	2,975.04
T7 CAIRP construction	65 MPH	0.02%	1.47	0.05	117.26	131.72	117.26	131.72
T7 NNOOS	65 MPH	0.60%	27.07	0.86	2,971.93	3,238.84	2,971.93	3,238.84
T7 NOOS	65 MPH	0.19%	12.06	0.38	964.51	1,083.43	964.51	1,083.43
T7 other port	65 MPH	0.01%	0.77	0.02	55.69	63.32	55.69	63.32
T7 POAK	65 MPH	0.02%	1.69	0.05	121.24	137.88	121.24	137.88
T7 POLA	65 MPH	0.05%	3.14	0.10	237.19	268.16	237.19	268.16
T7 Public	65 MPH	0.01%	0.45	0.01	40.53	45.00	40.53	45.00
T7 Single	65 MPH	0.05%	2.60	0.08	246.41	272.05	246.41	272.05
T7 single construction	65 MPH	0.06%	3.24	0.10	306.90	338.84	306.90	338.84
T7 SWCV	65 MPH	0.02%	0.91	0.03	82.37	91.35	82.37	91.35
T7 tractor	65 MPH	0.75%	46.03	1.46	3,794.18	4,247.93	3,794.18	4,247.93
T7 tractor construction	65 MPH	0.05%	2.74	0.09	228.16	255.17	228.16	255.17
T7 utility	65 MPH	0.00%	0.06	0.00	5.28	5.84	5.28	5.84
T7IS	65 MPH	0.01%	0.23	0.01	12.27	14.50	12.27	14.50
UBUS	65 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00

All Other Buses	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
LDA	70 MPH	49.27%	0.01	0.00	5.19	5.25	5.19	5.25
LDT1	70 MPH	6.87%	0.00	0.00	0.83	0.85	0.83	0.85
LDT2	70 MPH	19.52%	0.00	0.00	2.83	2.88	2.83	2.88
LHD1	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
LHD2	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
MCY	70 MPH	0.67%	0.00	0.00	0.02	0.02	0.02	0.02
MDV	70 MPH	23.67%	0.01	0.00	4.27	4.32	4.27	4.32
MH	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
Motor Coach	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
OBUS	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
PTO	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
SBUS	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T6 Ag	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T6 CAIRP heavy	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T6 CAIRP small	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T6 instate construction heavy	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T6 instate construction small	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T6 instate heavy	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T6 instate small	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T6 OOS heavy	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T6 OOS small	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T6 Public	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T6 utility	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T6TS	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T7 Ag	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T7 CAIRP	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T7 CAIRP construction	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T7 NNOOS	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T7 NOOS	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T7 other port	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T7 POAK	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T7 POLA	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T7 Public	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T7 Single	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T7 single construction	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T7 SWCV	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T7 tractor	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T7 tractor construction	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T7 utility	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
T7IS	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
UBUS	70 MPH	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL			**6,450.56**	**205.13**	**1,310,397.69**	**1,373,987.32**	**1,310,397.69**	**1,373,987.32**

N2O emissions were calculated using an off-model adjustment provided by CARB in AB 32 Technical Appendices. The off-model adjustment uses a linear regression correlating N2O with NOx. (N2O = 0.0167 + 0.0318 x NOx)

Daily vehicles miles traveled (VMT) multiplied by 347 days/year to account for reduced traffic on weekends and holidays. This assumption is consistent with the California Air Resources Board's (CARB) methodology within the Climate Change Scoping Plan Measure Documentation Supplement.

Based on the emission factors for Fresno County - San Joaquin Valley Air Basin

TABLE 1: CLOVIS GP EXISTING (2005) VMT SUMMARY BY SPEED BIN				
VMT Speed Bins (MPH)	**AM Peak Period**	**PM Peak Period**	**Off Peak Period**	**Daily**
0 - 5	0	45	0	45
5 - 10	54	40	0	94
10 - 15	19,749	25,130	54,414	99,293
15 - 20	252	326	471	1,049
20 - 25	1,128	2,202	2,746	6,076
25 - 30	10,358	13,813	31,510	55,681
30 - 35	7,208	11,132	12,695	31,035
35 - 40	52,263	67,370	139,816	259,449
40 - 45	79,204	101,068	220,742	401,014
45 - 50	57,216	69,324	200,696	327,236
50 - 55	16,210	20,661	53,664	90,535
55 - 60	26,822	35,320	75,415	137,557
60 - 65	66,334	84,035	170,982	321,351
65 - 70	3	3	9	15
70 - 75	0	0	0	0
>75	0	0	0	0
Total	336,801	430,469	963,160	1,730,430

Note:

- IX/XI values reflect half of the responsibility from the VMT as the external jurisdictions would be responsible for the other half.
- VMT excludes X-X Trips

Source: Fehr & Peers, 2012 – Fresno COG TDF Model, 2005.

TABLE 2: CLOVIS GP EXISTING (2005) VMT BY TRIP TYPE				
VMT Type	**AM Peak Period**	**PM Peak Period**	**Off Peak Period**	**Daily**
Internal-Internal	44,942	57,502	131,230	233,674
Internal-External	176,591	158,764	413,535	748,890
External-Internal	115,268	214,203	418,395	747,866
Total	336,801	430,469	963,160	1,730,430

Source: Fehr & Peers, 2012 – Fresno COG TDF Model, 2005.

TABLE 3: CLOVIS GP 2035 PLUS PROJECT VMT SUMMARY BY SPEED BIN				
VMT Speed Bins (MPH)	**AM Peak Period**	**PM Peak Period**	**Off Peak Period**	**Daily**
0 - 5	102	180	0	282
5 - 10	1,607	2,536	0	4,143
10 - 15	38,767	52,737	113,628	205,132
15 - 20	1,292	10,147	1,303	12,742
20 - 25	8,694	20,655	6,323	35,672
25 - 30	28,365	66,605	62,891	157,861
30 - 35	44,485	92,578	32,862	169,925
35 - 40	116,699	153,452	268,229	538,380
40 - 45	154,152	181,648	508,743	844,543
45 - 50	90,463	93,394	463,550	647,407
50 - 55	35,978	48,275	118,294	202,547
55 - 60	58,395	78,668	197,326	334,389
60 - 65	115,374	131,347	399,147	645,868
65 - 70	11	12	39	62
70 - 75	0	0	0	0
>75	0	0	0	0
Total	694,384	932,234	2,172,335	3,798,953

Note:

- IX/XI values reflect half of the responsibility from the VMT as the external jurisdictions would be responsible for the other half.
- VMT excludes X-X Trips

Source: Fehr & Peers, 2012 – Fresno COG TDF Model, 2035.

TABLE 4: CLOVIS GP 2035 PLUS PROJECT VMT BY TRIP TYPE				
VMT Type	**AM Peak Period**	**PM Peak Period**	**Off Peak Period**	**Daily**
Internal-Internal	109,423	151,716	370,909	632,048
Internal-External	314,121	367,616	900,362	1,582,099
External-Internal	270,840	412,902	901,064	1,584,806
Total	694,384	932,234	2,172,335	3,798,953

Source: Fehr & Peers, 2012 – Fresno COG TDF Model, 2035.

TABLE 3: CLOVIS GP BUILD OUT VMT SUMMARY BY SPEED BIN				
VMT Speed Bins (MPH)	**AM Peak Period**	**AM Peak Period**	**Off Peak Period**	**Daily**
0 - 5	353	911	0	1,264
5 - 10	2,618	7,139	197	9,954
10 - 15	72,141	111,135	218,525	401,801
15 - 20	16,148	50,281	2,356	68,785
20 - 25	21,118	90,869	15,840	127,827
25 - 30	68,287	151,844	119,568	339,699
30 - 35	119,266	180,106	80,177	379,549
35 - 40	200,391	314,100	551,791	1,066,282
40 - 45	234,083	216,665	987,427	1,438,175
45 - 50	127,142	140,459	744,998	1,012,599
50 - 55	84,971	111,991	292,351	489,313
55 - 60	85,513	120,103	364,560	570,176
60 - 65	156,039	156,829	649,115	961,983
65 - 70	18	12	54	84
70 - 75	0	0	0	0
>75	0	0	0	0
Total	**1,188,088**	**1,652,444**	**4,026,959**	**6,867,491**

Note:

- IX/XI values reflect half of the responsibility from the VMT as the external jurisdictions would be responsible for the other half.
- VMT excludes X-X Trips

Source: Fehr & Peers, 2013 – Fresno COG TDF Model.

TABLE 4: CLOVIS GP BUILD OUT VMT BY TRIP TYPE				
VMT Type	**AM Peak Period**	**PM Peak Period**	**Off Peak Period**	**Daily**
Internal-Internal	268,702	386,730	993,817	1,649,249
Internal-External	459,550	617,891	1,529,386	2,606,827
External-Internal	459,836	647,823	1,503,755	2,611,414
Total	**1,188,088**	**1,652,444**	**4,026,958**	**6,867,490**

Source: Fehr & Peers, 2013 – Fresno COG TDF Model.

Fresno 2012 - all Model Years

g/mile

Region_Type	Region	CalYr	Season	Veh	Speed	ROG_RUNEX	NOx_RUNEX	CO_RUNEX	SOx_RUNEX	PM10_PMTW	PM10_PMBW	PM10_RUNEX	PM10_Total	PM2_5_PMTW	PM2_5_PMBW	PM2_5_RUNEX	PM2_5_Total	CO2(Pavley I + LCFS)_RUNEX	VMT from EMFAC-SG	%VMT Total	%VMT SpdBin
County	Fresno	2005	Annual	All Other Buses	05 MPH	7.911740768	35.7364953	8.91645547	0.10866285	0.01199994	0.13033932	2.70965304	2.85E+00	0.00299998	0.05585971	2.4928808	2.55E+00	2651.51473	2651.51473	113	0.0006%	0.3019%
County	Fresno	2005	Annual	LDA	05 MPH	0.830000238	0.74778191	9.58913674	0.00346441	0.00799996	0.03674981	0.04219254	8.69E-02	0.00199999	0.01574992	0.03865728	5.64E-02	1115.86231	1115.86231	576	0.0029%	1.5339%
County	Fresno	2005	Annual	LDT1	05 MPH	2.032829489	1.61480022	25.0887484	0.00400355	0.00799996	0.03674982	0.06403037	1.09E-01	0.00199999	0.01574992	0.05748305	7.52E-02	1276.00921	1276.00921	80	0.0004%	0.2140%
County	Fresno	2005	Annual	LDT2	05 MPH	1.014448938	1.37479458	12.3935919	0.00467353	0.00799996	0.03674982	0.03672913	8.15E-02	0.00199999	0.01574992	0.03344094	5.12E-02	1540.6007	1540.6007	228	0.0011%	0.6077%
County	Fresno	2005	Annual	LHD1	05 MPH	1.491813803	4.52384586	17.0544044	0.02556549	0.00967085	0.05332926	0.07901948	1.42E-01	0.00241771	0.02285539	0.07261237	9.79E-02	1686.01712	1686.01712	22,380	0.1113%	59.6080%
County	Fresno	2005	Annual	LHD2	05 MPH	1.541538439	6.18781064	21.0194964	0.03285679	0.01042789	0.06857396	0.11001979	1.89E-01	0.00260697	0.02938884	0.10032555	1.32E-01	1312.4688	1312.4688	3,361	0.0167%	8.9522%
County	Fresno	2005	Annual	MCY	05 MPH	5.664895421	1.06571082	45.0054827	0.00217133	0.00799048	0.03669061	0.0087263	5.34E-02	0.00199762	0.01572455	0.00672493	2.44E-02	221.601094	221.601094	8	0.0000%	0.0207%
County	Fresno	2005	Annual	MDV	05 MPH	0.844978195	1.31695483	10.5799567	0.00577144	0.00799996	0.03674982	0.02641401	7.12E-02	0.00199999	0.01574992	0.02417701	4.19E-02	1914.86052	1914.86052	277	0.0014%	0.7370%
County	Fresno	2005	Annual	MH	05 MPH	5.02277414	5.32098122	101.190121	0.02257484	0.00860717	0.05095703	0.19167227	2.51E-01	0.00215179	0.02183873	0.17336259	1.97E-01	2493.40352	2493.40352	314	0.0016%	0.8355%
County	Fresno	2005	Annual	Motor Coach	05 MPH	11.47026221	57.9549124	17.2927609	0.155036	0.01199994	0.13033932	3.43497297	3.58E+00	0.00299998	0.05585971	3.16017513	3.22E+00	4021.50674	4021.50674	52	0.0003%	0.1396%
County	Fresno	2005	Annual	OBUS	05 MPH	2.893058692	2.31812605	40.4268628	0.00703237	0.00799996	0.03674981	0.0179478	6.27E-02	0.00199999	0.01574992	0.01631414	3.41E-02	2513.49734	2513.49734	179	0.0009%	0.4781%
County	Fresno	2005	Annual	PTO	05 MPH	1.229690181	19.6235964	7.06168235	0.19328222			1.0209861	1.02E+00			0.93930721	9.39E-01	2180.82661	2180.82661		0.0000%	0.0000%
County	Fresno	2005	Annual	SBUS	05 MPH	8.519665705	27.4737344	65.863655	0.09472335	0.01121195	0.60531192	1.71194898	2.33E+00	0.00280299	0.2594194	1.57293934	1.84E+00	2623.20392	2623.20392	222	0.0011%	0.5912%
County	Fresno	2005	Annual	T6 Ag	05 MPH	7.490513123	34.6454158	8.4056031	0.10888115	0.01199994	0.13033932	2.58754238	2.73E+00	0.00299998	0.05585971	2.38053899	2.44E+00	2656.84153	2656.84153	286	0.0014%	0.7622%
County	Fresno	2005	Annual	T6 CAIRP heavy	05 MPH	5.435116711	32.5902477	6.58786409	0.10709888	0.01199994	0.13033932	1.90970637	2.05E+00	0.00299998	0.05585971	1.75692986	1.82E+00	2613.35164	2613.35164	8	0.0000%	0.0223%
County	Fresno	2005	Annual	T6 CAIRP small	05 MPH	4.454490699	31.6754431	5.70216026	0.10650429	0.01199994	0.13033932	1.59527965	1.74E+00	0.00299998	0.05585971	1.46765728	1.53E+00	2598.84297	2598.84297	29	0.0001%	0.0760%
County	Fresno	2005	Annual	T6 instate construction heavy	05 MPH	7.706315825	34.763883	8.68237669	0.10843661	0.01199994	0.13033932	2.64501322	2.79E+00	0.00299998	0.05585971	2.43341216	2.49E+00	2645.99419	2645.99419	233	0.0012%	0.6214%
County	Fresno	2005	Annual	T6 instate construction small	05 MPH	5.606500796	33.4316596	6.88771463	0.10679046	0.01199994	0.13033932	2.00359808	2.15E+00	0.00299998	0.05585971	1.84331023	1.90E+00	2605.82584	2605.82584	616	0.0031%	1.6410%
County	Fresno	2005	Annual	T6 instate heavy	05 MPH	7.706315825	34.763883	8.68237669	0.10843661	0.01199994	0.13033932	2.64501322	2.79E+00	0.00299998	0.05585971	2.43341216	2.49E+00	2645.99419	2645.99419	467	0.0023%	1.2428%
County	Fresno	2005	Annual	T6 instate small	05 MPH	5.606500796	33.4316596	6.88771463	0.10679046	0.01199994	0.13033932	2.00359808	2.15E+00	0.00299998	0.05585971	1.84331023	1.90E+00	2605.82584	2605.82584	1,232	0.0061%	3.2822%
County	Fresno	2005	Annual	T6 OOS heavy	05 MPH	5.435116711	32.5902477	6.58786409	0.10709888	0.01199994	0.13033932	1.90970637	2.05E+00	0.00299998	0.05585971	1.75692986	1.82E+00	2613.35164	2613.35164	5	0.0000%	0.0128%
County	Fresno	2005	Annual	T6 OOS small	05 MPH	4.454490699	31.6754431	5.70216026	0.10650429	0.01199994	0.13033932	1.59527965	1.74E+00	0.00299998	0.05585971	1.46765728	1.53E+00	2598.84297	2598.84297	16	0.0001%	0.0436%
County	Fresno	2005	Annual	T6 Public	05 MPH	4.348360391	32.7409312	4.81615933	0.10933187	0.01199994	0.13033932	1.81157478	1.95E+00	0.00299998	0.05585971	1.6666488	1.73E+00	2667.83952	2667.83952	60	0.0003%	0.1599%
County	Fresno	2005	Annual	T6 utility	05 MPH	2.884766178	31.1940187	3.59985992	0.10675787	0.01199994	0.13033932	1.33265321	1.47E+00	0.00299998	0.05585971	1.22604096	1.28E+00	2605.03074	2605.03074	12	0.0001%	0.0312%
County	Fresno	2005	Annual	T6TS	05 MPH	8.379661558	3.32744375	123.084455	0.00742283	0.00799996	0.03674981	0.05192377	9.67E-02	0.00199999	0.01574992	0.0450841	6.28E-02	2513.49736	2513.49736	314	0.0016%	0.8361%
County	Fresno	2005	Annual	T7 Ag	05 MPH	12.57213505	56.9531454	20.1910682	0.15807885	0.03599981	0.06173968	4.24852948	4.35E+00	0.00899995	0.02645986	3.90864712	3.94E+00	4100.4357	4100.4357	268	0.0013%	0.7132%
County	Fresno	2005	Annual	T7 CAIRP	05 MPH	13.796172	59.837647	20.2654571	0.15456866	0.03599981	0.06173968	3.61646861	3.71E+00	0.00899995	0.02645986	3.32715112	3.36E+00	4009.38445	4009.38445	1,308	0.0065%	3.4830%
County	Fresno	2005	Annual	T7 CAIRP construction	05 MPH	13.796172	59.837647	20.2654571	0.15456866	0.03599981	0.06173968	3.61646861	3.71E+00	0.00899995	0.02645986	3.32715112	3.36E+00	4009.38445	4009.38445	58	0.0003%	0.1542%
County	Fresno	2005	Annual	T7 NNOOS	05 MPH	8.581143663	46.8083682	13.3617052	0.15417973	0.03599981	0.06173968	2.01280934	2.11E+00	0.00899995	0.02645986	1.8517846	1.89E+00	3999.29573	3999.29573	1,471	0.0073%	3.9182%
County	Fresno	2005	Annual	T7 NOOS	05 MPH	13.796172	59.837647	20.2654571	0.15456866	0.03599981	0.06173968	3.61646861	3.71E+00	0.00899995	0.02645986	3.32715112	3.36E+00	4009.38445	4009.38445	476	0.0024%	1.2684%
County	Fresno	2005	Annual	T7 other port	05 MPH	16.92104781	64.1462037	25.6422639	0.15347018	0.03599981	0.06173968	4.93433665	5.03E+00	0.00899995	0.02645986	4.53958972	4.58E+00	3980.89058	3980.89058	28	0.0001%	0.0738%
County	Fresno	2005	Annual	T7 POAK	05 MPH	17.26901092	64.1613932	26.2894495	0.15383665	0.03599981	0.06173968	5.11969177	5.22E+00	0.00899995	0.02645986	4.71011643	4.75E+00	3990.39676	3990.39676	60	0.0003%	0.1602%
County	Fresno	2005	Annual	T7 POLA	05 MPH	17.42023388	61.1600931	27.5192283	0.15757906	0.03599981	0.06173968	5.5696685	5.67E+00	0.00899995	0.02645986	5.12409502	5.16E+00	4087.4718	4087.4718	115	0.0006%	0.3060%
County	Fresno	2005	Annual	T7 Public	05 MPH	7.263862782	51.4056763	12.4035052	0.16171138	0.03599981	0.06173968	3.15481153	3.25E+00	0.00899995	0.02645986	2.90242661	2.94E+00	4194.66069	4194.66069	19	0.0001%	0.0509%
County	Fresno	2005	Annual	T7 Single	05 MPH	8.282172854	50.453572	13.4348656	0.15638563	0.03599981	0.06173968	2.81728345	2.92E+00	0.00899995	0.02645986	2.59190077	2.63E+00	4056.51498	4056.51498	120	0.0006%	0.3203%
County	Fresno	2005	Annual	T7 single construction	05 MPH	8.282172854	50.453572	13.4348656	0.15638563	0.03599981	0.06173968	2.81728345	2.92E+00	0.00899995	0.02645986	2.59190077	2.63E+00	4056.51498	4056.51498	150	0.0007%	0.3989%
County	Fresno	2005	Annual	T7 SWCV	05 MPH	7.429472204	51.7739906	12.2536828	0.15820273	0.03599981	0.06173968	2.9249878	3.02E+00	0.00899995	0.02645986	2.69098878	2.73E+00	4103.64909	4103.64909	40	0.0002%	0.1058%
County	Fresno	2005	Annual	T7 tractor	05 MPH	13.59070128	57.4313818	21.0165542	0.15578894	0.03599981	0.06173968	3.95453523	4.05E+00	0.00899995	0.02645986	3.63817241	3.67E+00	4041.03733	4041.03733	1,859	0.0092%	4.9506%
County	Fresno	2005	Annual	T7 tractor construction	05 MPH	13.57370144	56.9040864	21.1099238	0.15593476	0.03599981	0.06173968	3.97454874	4.07E+00	0.00899995	0.02645986	3.65658484	3.69E+00	4044.82	4044.82	112	0.0006%	0.2974%
County	Fresno	2005	Annual	T7 utility	05 MPH	5.085673365	50.841176	8.12119863	0.15604494	0.03599981	0.06173968	2.1772911	2.28E+00	0.00899995	0.02645986	2.00310782	2.04E+00	4047.6779	4047.6779	3	0.0000%	0.0069%
County	Fresno	2005	Annual	T7IS	05 MPH	18.43283055	7.46321751	361.162956	0.00719669	0.00799996	0.03674981	0.02944155	7.42E-02	0.00199999	0.01574992	0.02405982	4.18E-02	2513.49735	2513.49735	19	0.0001%	0.0500%
County	Fresno	2005	Annual	UBUS	05 MPH	3.065004558	25.6301775	28.1667283	0.16576193	0.00799996	0.59870604	0.68666089	1.29E+00	0.00199999	0.25658828	0.6313491	8.90E-01	2593.04129	2593.04129	372	0.0018%	0.9911%
																				37,546	0.19%	100%

County	Fresno	2005	Annual	All Other Buses	10 MPH	4.932362886	24.6962574	7.11786811	0.10866285	0.01199994	0.13033932	1.91721339	2.06E+00	0.00299998	0.05585971	1.76383632	1.82E+00	2190.35838	2190.35838	564	0.0028%	0.4646%
County	Fresno	2005	Annual	LDA	10 MPH	0.555979444	0.63625286	8.00805115	0.00346441	0.00799996	0.03674981	0.02760868	7.24E-02	0.00199999	0.01574992	0.02527325	4.30E-02	833.633285	833.633285	1,565	0.0078%	1.2885%
County	Fresno	2005	Annual	LDT1	10 MPH	1.385744474	1.36161238	19.7902474	0.00400355	0.00799996	0.03674982	0.04278441	8.75E-02	0.00199999	0.01574992	0.03835466	5.61E-02	952.071862	952.071862	218	0.0011%	0.1797%
County	Fresno	2005	Annual	LDT2	10 MPH	0.683612566	1.15431713	10.2445229	0.00467353	0.00799996	0.03674982	0.02405737	6.88E-02	0.00199999	0.01574992	0.02187706	3.96E-02	1150.34393	1150.34393	620	0.0031%	0.5105%
County	Fresno	2005	Annual	LHD1	10 MPH	1.219881627	4.16804435	13.8215535	0.02556549	0.00967085	0.05332926	0.06861161	1.32E-01	0.00241771	0.02285539	0.06305379	8.83E-02	1408.05723	1408.05723	63,303	0.3147%	52.1223%
County	Fresno	2005	Annual	LHD2	10 MPH	1.267055441	5.65196562	16.981009	0.03285679	0.01042789	0.06857396	0.0961618	1.75E-01	0.00260697	0.02938884	0.08775002	1.20E-01	1124.85645	1124.85645	9,945	0.0494%	8.1881%
County	Fresno	2005	Annual	MCY	10 MPH	4.929724213	1.07418191	39.9498628	0.00217133	0.00799048	0.03669061	0.00770564	5.24E-02	0.00199762	0.01572455	0.00593748	2.37E-02	204.380914	204.380914	21	0.0001%	0.0174%
County	Fresno	2005	Annual	MDV	10 MPH	0.564897064	1.10669552	8.71166814	0.00577144	0.00799996	0.03674982	0.01720904	6.20E-02	0.00199999	0.01574992	0.01573655	3.35E-02	1430.23361	1430.23361	752	0.0037%	0.6192%
County	Fresno	2005	Annual	MH	10 MPH	4.038213674	4.72212693	82.0093804	0.02257484	0.00860717	0.05095703	0.15868078	2.18E-01	0.00215179	0.02183873	0.14358989	1.68E-01	2055.24716	2055.24716	1,575	0.0078%	1.2965%
County	Fresno	2005	Annual	Motor Coach	10 MPH	6.835136249	39.0102964	13.2521295	0.155036	0.01199994	0.13033932	2.34760591	2.49E+00	0.00299998	0.05585971	2.15979744	2.22E+00	3322.07884	3322.07884	200	0.0010%	0.1648%
County	Fresno	2005	Annual	OBUS	10 MPH	2.332047682	2.37871845	32.7391926	0.00703237	0.00799996	0.03674981	0.01445304	5.92E-02	0.00199999	0.01574992	0.01313748	3.09E-02	2036.12858	2036.12858	902	0.0045%	0.7429%
County	Fresno	2005	Annual	PTO	10 MPH	1.229690181	19.6235964	7.06168235	0.19328222			1.0209861	1.02E+00			0.93930721	9.39E-01	2180.82661	2180.82661		0.0000%	0.0000%
County	Fresno	2005	Annual	SBUS	10 MPH	6.024519588	19.3731522	53.1669508	0.09472335	0.01121195	0.60531192	1.2248773	1.84E+00	0.00280299	0.2594194	1.12523329	1.39E+00	2159.04875	2159.04875	778	0.0039%	0.6406%
County	Fresno	2005	Annual	T6 Ag	10 MPH	4.687439829	24.1322859	6.72308815	0.10888115	0.01199994	0.13033932	1.84298214	1.99E+00	0.00299998	0.05585971	1.69554357	1.75E+00	2194.75874	2194.75874	1,424	0.0071%	1.1728%
County	Fresno	2005	Annual	T6 CAIRP heavy	10 MPH	3.293252684	22.3190486	5.04287219	0.10709888	0.01199994	0.13033932	1.32676963	1.47E+00	0.00299998	0.05585971	1.22062806	1.28E+00	2158.83269	2158.83269	42	0.0002%	0.0343%
County	Fresno	2005	Annual	T6 CAIRP small	10 MPH	2.636002042	21.5177886	4.23965742	0.10650429	0.01199994	0.13033932	1.09051092	1.23E+00	0.00299998	0.05585971	1.00327005	1.06E+00	2146.84739	2146.84739	142	0.0007%	0.1170%
County	Fresno	2005	Annual	T6 instate construction heavy	10 MPH	4.808844527	24.1816526	6.92506839	0.10843661	0.01199994	0.13033932	1.87653742	2.02E+00	0.00299998	0.05585971	1.72641442	1.79E+00	2185.79799	2185.79799	1,161	0.0058%	0.9562%
County	Fresno	2005	Annual	T6 instate construction small	10 MPH	3.369227767	22.7335676	5.24284635	0.10679046	0.01199994	0.13033932	1.37816322	1.52E+00	0.00299998	0.05585971	1.26791016	1.33E+00	2152.61579	2152.61579	3,067	0.0152%	2.5252%
County	Fresno	2005	Annual	T6 instate heavy	10 MPH	4.808844527	24.1816526	6.92506839	0.10843661	0.01199994	0.13033932	1.87653742	2.02E+00	0.00299998	0.05585971	1.72641442	1.79E+00	2185.79799	2185.79799	2,323	0.0115%	1.9125%
County	Fresno	2005	Annual	T6 instate small	10 MPH	3.369227767	22.7335676	5.24284635	0.10679046	0.01199994	0.13033932	1.37816322	1.52E+00	0.00299998	0.05585971	1.26791016	1.33E+00	2152.61579	2152.61579	6,134	0.0305%	5.0506%
County	Fresno	2005	Annual	T6 OOS heavy	10 MPH	3.293252684	22.3190486	5.04287219	0.10709888	0.01199994	0.13033932	1.32676963	1.47E+00	0.00299998	0.05585971	1.22062806	1.28E+00	2158.83269	2158.83269	24	0.0001%	0.0196%
County	Fresno	2005	Annual	T6 OOS small	10 MPH	2.636002042	21.5177886	4.23965742	0.10650429	0.01199994	0.13033932	1.09051092	1.23E+00	0.00299998	0.05585971	1.00327005	1.06E+00	2146.84739	2146.84739	81	0.0004%	0.0671%
County	Fresno	2005	Annual	T6 Public	10 MPH	2.740830432	22.9313628	3.87635804	0.10933187	0.01199994	0.13033932	1.29609017	1.44E+00	0.00299998	0.05585971	1.19240295	1.25E+00	2203.84393	2203.84393	299	0.0015%	0.2460%
County	Fresno	2005	Annual	T6 utility	10 MPH	1.730590796	21.2222221	2.70913885	0.10675787	0.01199994	0.13033932	0.91868351	1.06E+00	0.00299998	0.05585971	0.84518883	9.04E-01	2151.95897	2151.95897	58	0.0003%	0.0480%
County	Fresno	2005	Annual	T6TS	10 MPH	6.753438332	3.41461388	99.7115955	0.00742283	0.00799996	0.03674981	0.04181328	8.66E-02	0.00199999	0.01574992	0.03630542	5.41E-02	2036.12844	2036.12844	1,578	0.0078%	1.2994%
County	Fresno	2005	Annual	T7 Ag	10 MPH	7.765784108	39.3319426	16.2785887	0.15807885	0.03599981	0.06173968	3.02138801	3.12E+00	0.00899995	0.02645986	2.77967697	2.82E+00	3387.28034	3387.28034	1,023	0.0051%	0.8423%
County	Fresno	2005	Annual	T7 CAIRP	10 MPH	8.131137253	40.1330593	15.2629342	0.15456866	0.03599981	0.06173968	2.44116487	2.54E+00	0.00899995	0.02645986	2.24587168	2.28E+00	3312.06489	3312.06489	4,996	0.0248%	4.1132%
County	Fresno	2005	Annual	T7 CAIRP construction	10 MPH	8.131137253	40.1330593	15.2629342	0.15456866	0.03599981	0.06173968	2.44116487	2.54E+00	0.00899995	0.02645986	2.24587168	2.28E+00	3312.06489	3312.06489	221	0.0011%	0.1821%
County	Fresno	2005	Annual	T7 NNOOS	10 MPH	5.032453708	32.6042322	9.59754224	0.15417973	0.03599981	0.06173968	1.4045715	1.50E+00	0.00899995	0.02645986	1.29220578	1.33E+00	3303.73082	3303.73082	5,620	0.0279%	4.6272%
County	Fresno	2005	Annual	T7 NOOS	10 MPH	8.131137253	40.1330593	15.2629342	0.15456866	0.03599981	0.06173968	2.44116487	2.54E+00	0.00899995	0.02645986	2.24587168	2.28E+00	3312.06489	3312.06489	1,819	0.0090%	1.4979%
County	Fresno	2005	Annual	T7 other port	10 MPH	10.0137619	42.502118	19.6647576	0.15347018	0.03599981	0.06173968	3.31288031	3.41E+00	0.00899995	0.02645986	3.04784989	3.08E+00	3288.52673	3288.52673	106	0.0005%	0.0871%
County	Fresno	2005	Annual	T7 POAK	10 MPH	10.25536434	42.636183	20.2605166	0.15383665	0.03599981	0.06173968	3.45287733	3.55E+00	0.00899995	0.02645986	3.17664714	3.21E+00	3296.37957	3296.37957	230	0.0011%	0.1892%
County	Fresno	2005	Annual	T7 POLA	10 MPH	10.64065801	41.9091423	21.955596	0.15757906	0.03599981	0.06173968	3.89961663	4.00E+00	0.00899995	0.02645986	3.5876473	3.62E+00	3376.57114	3376.57114	439	0.0022%	0.3613%
County	Fresno	2005	Annual	T7 Public	10 MPH	4.646585226	36.873279	10.3860947	0.16171138	0.03599981	0.06173968	2.32681147	2.42E+00	0.00899995	0.02645986	2.14066656	2.18E+00	3465.11754	3465.11754	73	0.0004%	0.0602%
County	Fresno	2005	Annual	T7 Single	10 MPH	5.071226346	35.1336477	10.5479187	0.15638563	0.03599981	0.06173968	2.01100311	2.11E+00	0.00899995	0.02645986	1.85012286	1.89E+00	3350.99839	3350.99839	459	0.0023%	0.3782%
County	Fresno	2005	Annual	T7 single construction	10 MPH	5.071226346	35.1336477	10.5479187	0.15638563	0.03599981	0.06173968	2.01100311	2.11E+00	0.00899995	0.02645986	1.85012286	1.89E+00	3350.99839	3350.99839	572	0.0028%	0.4711%
County	Fresno	2005	Annual	T7 SWCV	10 MPH	4.630179121	36.1732884	9.90967121	0.15820273	0.03599981	0.06173968	2.10760042	2.21E+00	0.00899995	0.02645986	1.93899239	1.97E+00	3389.93485	3389.93485	152	0.0008%	0.1250%
County	Fresno	2005	Annual	T7 tractor	10 MPH	8.188883731	39.1682308	16.3467038	0.15578894	0.03599981	0.06173968	2.747678	2.85E+00	0.00899995	0.02645986	2.52786376	2.56E+00	3338.21264	3338.21264	7,100	0.0353%	5.8464%
County	Fresno	2005	Annual	T7 tractor construction	10 MPH	8.197138538	38.9238747	16.4585753	0.15593476	0.03599981	0.06173968	2.77084572	2.87E+00	0.00899995	0.02645986	2.54917807	2.58E+00	3341.33742	3341.33742	427	0.0021%	0.3512%
County	Fresno	2005	Annual	T7 utility	10 MPH	3.090115	34.9330582	6.31482659	0.15604494	0.03599981	0.06173968	1.53272088	1.63E+00	0.00899995	0.02645986	1.41010321	1.45E+00	3343.69826	3343.69826	10	0.0000%	0.0081%
County	Fresno	2005	Annual	T7IS	10 MPH	14.82192839	7.60419055	290.769377	0.00719669	0.00799996	0.03674981	0.02370875	6.85E-02	0.00199999	0.01574992	0.01937494	3.71E-02	2036.12787	2036.12787	92	0.0005%	0.0755%
County	Fresno	2005	Annual	UBUS	10 MPH	2.528737749	22.4115615	22.6190303	0.16576193	0.00799996	0.59870604	0.58210968	1.19E+00	0.00199999	0.25658828	0.53523579	7.94E-01	2448.88797	2448.88797	1,336	0.0066%	1.0997%
																				121,450	0.60%	100%

County	Fresno	2005	Annual	All Other Buses	15 MPH	2.732152269	17.312937	5.61793015	0.10866285	0.01199994	0.13033932	1.30998327	1.45E+00	0.00299998	0.05585971	1.20518461	1.26E+00	1798.4741	1798.4741	762	0.0038%	0.3378%
County	Fresno	2005	Annual	LDA	15 MPH	0.391885218	0.55989702	6.88518888	0.00346441	0.00799996	0.03674981	0.01895642	6.37E-02	0.00199999	0.01574992	0.01733803	3.51E-02	644.139614	644.139614	1,485	0.0074%	0.6588%
County	Fresno	2005	Annual	LDT1	15 MPH	0.995791327	1.19541983	16.2985057	0.00400355	0.00799996	0.03674982	0.02998294	7.47E-02	0.00199999	0.01574992	0.02684113	4.46E-02	735.133046	735.133046	207	0.0010%	0.0919%
County	Fresno	2005	Annual	LDT2	15 MPH	0.48481556	1.00479949	8.74047133	0.00467353	0.00799996	0.03674982	0.01657087	6.13E-02	0.00199999	0.01574992	0.01505134	3.28E-02	888.477393	888.477393	588	0.0029%	0.2610%
County	Fresno	2005	Annual	LHD1	15 MPH	0.84267055	3.64235657	9.49363343	0.02556549	0.00967085	0.05332926	0.05290751	1.16E-01	0.00241771	0.02285539	0.04862883	7.39E-02	1033.24804	1033.24804	141,597	0.7040%	62.8013%
County	Fresno	2005	Annual	LHD2	15 MPH	0.884832428	4.85395118	11.6734562	0.03285679	0.01042789	0.06857396	0.07497824	1.54E-01	0.00260697	0.02938884	0.06849909	1.00E-01	871.874354	871.874354	22,036	0.1096%	9.7735%
County	Fresno	2005	Annual	MCY	15 MPH	3.963401378	1.11513445	33.6473529	0.00217133	0.00799048	0.03669061	0.00621773	5.09E-02	0.00199762	0.01572455	0.00478977	2.25E-02	176.004092	176.004092	20	0.0001%	0.0089%
County	Fresno	2005	Annual	MDV	15 MPH	0.397396823	0.96369675	7.42228269	0.00577144	0.00799996	0.03674982	0.01179465	5.65E-02	0.00199999	0.01574992	0.01077541	2.85E-02	1104.8087	1104.8087	714	0.0035%	0.3166%
County	Fresno	2005	Annual	MH	15 MPH	2.65736951	3.84677331	55.9651721	0.02257484	0.00860717	0.05095703	0.10710652	1.67E-01	0.00215179	0.02183873	0.09693483	1.21E-01	1450.54216	1450.54216	2,008	0.0100%	0.8907%
County	Fresno	2005	Annual	Motor Coach	15 MPH	3.546355141	26.4787368	9.95432256	0.155036	0.01199994	0.13033932	1.52126154	1.66E+00	0.00299998	0.05585971	1.39956062	1.46E+00	2727.7147	2727.7147	245	0.0012%	0.1086%
County	Fresno	2005	Annual	OBUS	15 MPH	1.56799054	2.4795149	22.4343239	0.00703237	0.00799996	0.03674981	0.00966881	5.44E-02	0.00199999	0.01574992	0.00878872	2.65E-02	1392.42957	1392.42957	1,140	0.0057%	0.5055%
County	Fresno	2005	Annual	PTO	15 MPH	1.229690181	19.6235964	7.06168235	0.19328222			1.0209861	1.02E+00			0.93930721	9.39E-01	2180.82661	2180.82661		0.0000%	0.0000%
County	Fresno	2005	Annual	SBUS	15 MPH	3.708380425	13.9487137	36.8159124	0.09472335	0.01121195	0.60531192	0.84828984	1.46E+00	0.00280299	0.2594194	0.77932027	1.04E+00	1717.72318	1717.72318	1,556	0.0077%	0.6901%
County	Fresno	2005	Annual	T6 Ag	15 MPH	2.610278331	17.064073	5.3220653	0.10888115	0.01199994	0.13033932	1.27144064	1.41E+00	0.00299998	0.05585971	1.16972539	1.23E+00	1802.08717	1802.08717	1,922	0.0096%	0.8526%
County	Fresno	2005	Annual	T6 CAIRP heavy	15 MPH	1.753086026	15.4410244	3.79476294	0.10709888	0.01199994	0.13033932	0.88214189	1.02E+00	0.00299998	0.05585971	0.81157054	8.70E-01	1772.58877	1772.58877	56	0.0003%	0.0249%
County	Fresno	2005	Annual	T6 CAIRP small	15 MPH	1.354514148	14.7289222	3.07679894	0.10650429	0.01199994	0.13033932	0.70693739	8.49E-01	0.00299998	0.05585971	0.6503824	7.09E-01	1762.74781	1762.74781	192	0.0010%	0.0851%
County	Fresno	2005	Annual	T6 instate construction heavy	15 MPH	2.667487299	17.0698936	5.46351239	0.10843661	0.01199994	0.13033932	1.28725971	1.43E+00	0.00299998	0.05585971	1.18427893	1.24E+00	1794.72962	1794.72962	1,567	0.0078%	0.6952%
County	Fresno	2005	Annual	T6 instate construction small	15 MPH	1.771426156	15.6018483	3.91349269	0.10679046	0.01199994	0.13033932	0.90221054	1.04E+00	0.00299998	0.05585971	0.8300337	8.89E-01	1767.48416	1767.48416	4,139	0.0206%	1.8358%
County	Fresno	2005	Annual	T6 instate heavy	15 MPH	2.667487299	17.0698936	5.46351239	0.10843661	0.01199994	0.13033932	1.28725971	1.43E+00	0.00299998	0.05585971	1.18427893	1.24E+00	1794.72962	1794.72962	3,135	0.0156%	1.3904%
County	Fresno	2005	Annual	T6 instate small	15 MPH	1.771426156	15.6018483	3.91349269	0.10679046	0.01199994	0.13033932	0.90221054	1.04E+00	0.00299998	0.05585971	0.8300337	8.89E-01	1767.48416	1767.48416	8,279	0.0412%	3.6718%
County	Fresno	2005	Annual	T6 OOS heavy	15 MPH	1.753086026	15.4410244	3.79476294	0.10709888	0.01199994	0.13033932	0.88214189	1.02E+00	0.00299998	0.05585971	0.81157054	8.70E-01	1772.58877	1772.58877	32	0.0002%	0.0143%
County	Fresno	2005	Annual	T6 OOS small	15 MPH	1.354514148	14.7289222	3.07679894	0.10650429	0.01199994	0.13033932	0.70693739	8.49E-01	0.00299998	0.05585971	0.6503824	7.09E-01	1762.74781	1762.74781	110	0.0005%	0.0488%
County	Fresno	2005	Annual	T6 Public	15 MPH	1.541388882	16.320712	3.09285188	0.10933187	0.01199994	0.13033932	0.89990696	1.04E+00	0.00299998	0.05585971	0.82791441	8.87E-01	1809.54691	1809.54691	403	0.0020%	0.1789%
County	Fresno	2005	Annual	T6 utility	15 MPH	0.908113889	14.5709958	1.99879326	0.10675787	0.01199994	0.13033932	0.60351004	7.46E-01	0.00299998	0.05585971	0.55522924	6.14E-01	1766.94486	1766.94486	79	0.0004%	0.0349%
County	Fresno	2005	Annual	T6TS	15 MPH	4.521062328	3.55773951	68.106186	0.00742283	0.00799996	0.03674981	0.02797228	7.27E-02	0.00199999	0.01574992	0.02428763	4.20E-02	1392.42983	1392.42983	1,994	0.0099%	0.8842%
County	Fresno	2005	Annual	T7 Ag	15 MPH	4.246307021	27.5643729	12.9867063	0.15807885	0.03599981	0.06173968	2.07976876	2.18E+00	0.00899995	0.02645986	1.91338726	1.95E+00	2781.25078	2781.25078	1,251	0.0062%	0.5549%
County	Fresno	2005	Annual	T7 CAIRP	15 MPH	4.147544001	27.1017443	11.2140001	0.15456866	0.03599981	0.06173968	1.55034284	1.65E+00	0.00899995	0.02645986	1.42631541	1.46E+00	2719.49238	2719.49238	6,110	0.0304%	2.7097%
County	Fresno	2005	Annual	T7 CAIRP construction	15 MPH	4.147544001	27.1017443	11.2140001	0.15456866	0.03599981	0.06173968	1.55034284	1.65E+00	0.00899995	0.02645986	1.42631541	1.46E+00	2719.49238	2719.49238	270	0.0013%	0.1200%
County	Fresno	2005	Annual	T7 NNOOS	15 MPH	2.555147084	22.8752763	6.698717	0.15417973	0.03599981	0.06173968	0.94029622	1.04E+00	0.00899995	0.02645986	0.86507252	9.01E-01	2712.64938	2712.64938	6,873	0.0342%	3.0483%
County	Fresno	2005	Annual	T7 NOOS	15 MPH	4.147544001	27.1017443	11.2140001	0.15456866	0.03599981	0.06173968	1.55034284	1.65E+00	0.00899995	0.02645986	1.42631541	1.46E+00	2719.49238	2719.49238	2,225	0.0111%	0.9868%
County	Fresno	2005	Annual	T7 other port	15 MPH	5.135894193	28.3475816	14.7297121	0.15347018	0.03599981	0.06173968	2.08512911	2.18E+00	0.00899995	0.02645986	1.91831878	1.95E+00	2700.16551	2700.16551	129	0.0006%	0.0574%
County	Fresno	2005	Annual	T7 POAK	15 MPH	5.288403196	28.5450768	15.2716115	0.15383665	0.03599981	0.06173968	2.18963193	2.29E+00	0.00899995	0.02645986	2.01446137	2.05E+00	2706.61337	2706.61337	281	0.0014%	0.1246%
County	Fresno	2005	Annual	T7 POLA	15 MPH	5.724584493	29.124547	17.2834113	0.15757906	0.03599981	0.06173968	2.62325959	2.72E+00	0.00899995	0.02645986	2.41339883	2.45E+00	2772.4576	2772.4576	537	0.0027%	0.2380%
County	Fresno	2005	Annual	T7 Public	15 MPH	2.663916027	26.9668995	8.64464844	0.16171138	0.03599981	0.06173968	1.68448044	1.78E+00	0.00899995	0.02645986	1.54972201	1.59E+00	2845.16187	2845.16187	89	0.0004%	0.0396%
County	Fresno	2005	Annual	T7 Single	15 MPH	2.741823313	24.7816326	8.19508846	0.15638563	0.03599981	0.06173968	1.39176477	1.49E+00	0.00899995	0.02645986	1.28042359	1.32E+00	2751.46016	2751.46016	562	0.0028%	0.2492%
County	Fresno	2005	Annual	T7 single construction	15 MPH	2.741823313	24.7816326	8.19508846	0.15638563	0.03599981	0.06173968	1.39176477	1.49E+00	0.00899995	0.02645986	1.28042359	1.32E+00	2751.46016	2751.46016	700	0.0035%	0.3103%
County	Fresno	2005	Annual	T7 SWCV	15 MPH	2.564699436	25.6633666	7.95114469	0.15820273	0.03599981	0.06173968	1.47811994	1.58E+00	0.00899995	0.02645986	1.35987035	1.40E+00	2783.43037	2783.43037	186	0.0009%	0.0823%
County	Fresno	2005	Annual	T7 tractor	15 MPH	4.320660114	27.0039474	12.5112055	0.15578894	0.03599981	0.06173968	1.82708483	1.92E+00	0.00899995	0.02645986	1.68091804	1.72E+00	2740.96195	2740.96195	8,684	0.0432%	3.8515%
County	Fresno	2005	Annual	T7 tractor construction	15 MPH	4.339788455	26.9265184	12.6364157	0.15593476	0.03599981	0.06173968	1.85192619	1.95E+00	0.00899995	0.02645986	1.70377209	1.74E+00	2743.52766	2743.52766	522	0.0026%	0.2314%
County	Fresno	2005	Annual	T7 utility	15 MPH	1.652185102	24.2893201	4.84892135	0.15604494	0.03599981	0.06173968	1.03948499	1.14E+00	0.00899995	0.02645986	0.95632619	9.92E-01	2745.46612	2745.46612	12	0.0001%	0.0054%
County	Fresno	2005	Annual	T7IS	15 MPH	9.903350101	7.9657099	198.994023	0.00719669	0.00799996	0.03674981	0.0158607	6.06E-02	0.00199999	0.01574992	0.01296146	3.07E-02	1392.42957	1392.42957	100	0.0005%	0.0444%
County	Fresno	2005	Annual	UBUS	15 MPH	1.774906119	17.8122966	15.2251742	0.16576193	0.00799996	0.59870604	0.42949758	1.04E+00	0.00199999	0.25658828	0.39493364	6.54E-01	2254.50712	2254.50712	2,671	0.0133%	1.1847%
																				225,468	1.12%	100%

County	Fresno	2005	Annual	All Other Buses	20 MPH	1.118012041	13.3084867	4.31776454	0.10866285	0.01199994	0.13033932	0.8438105	9.86E-01	0.00299998	0.05585971	0.77630566	8.35E-01	1418.81717	1418.81717	808	0.0040%	0.0753%
County	Fresno	2005	Annual	LDA	20 MPH	0.286074089	0.50660356	5.90306994	0.00346441	0.00799996	0.03674981	0.01369022	5.84E-02	0.00199999	0.01574992	0.01251108	3.03E-02	510.404483	510.404483	385,716	1.9177%	35.9755%
County	Fresno	2005	Annual	LDT1	20 MPH	0.745873326	1.08644527	13.61979	0.00400355	0.00799996	0.03674982	0.02204224	6.68E-02	0.00199999	0.01574992	0.01970576	3.75E-02	583.215002	583.215002	53,805	0.2675%	5.0184%
County	Fresno	2005	Annual	LDT2	20 MPH	0.356469669	0.90101561	7.46708722	0.00467353	0.00799996	0.03674982	0.01200016	5.67E-02	0.00199999	0.01574992	0.01088735	2.86E-02	704.002358	704.002358	152,809	0.7597%	14.2524%
County	Fresno	2005	Annual	LHD1	20 MPH	0.604281904	3.29405605	6.86172728	0.02556549	0.00967085	0.05332926	0.04197948	1.05E-01	0.00241771	0.02285539	0.03858898	6.39E-02	808.279929	808.279929	160,679	0.7988%	14.9865%
County	Fresno	2005	Annual	LHD2	20 MPH	0.644519109	4.31444093	8.45750286	0.03285679	0.01042789	0.06857396	0.06001177	1.39E-01	0.00260697	0.02938884	0.05487549	8.69E-02	720.029339	720.029339	24,762	0.1231%	2.3095%
County	Fresno	2005	Annual	MCY	20 MPH	3.376669756	1.17291115	29.9085063	0.00217133	0.00799048	0.03669061	0.00525127	4.99E-02	0.00199762	0.01572455	0.0040444	2.18E-02	154.066474	154.066474	5,214	0.0259%	0.4863%
County	Fresno	2005	Annual	MDV	20 MPH	0.289323371	0.8637338	6.33511293	0.00577144	0.00799996	0.03674982	0.00850444	5.33E-02	0.00199999	0.01574992	0.00776253	2.55E-02	875.059349	875.059349	185,343	0.9215%	17.2869%
County	Fresno	2005	Annual	MH	20 MPH	1.821990341	3.44235803	40.469272	0.02257484	0.00860717	0.05095703	0.07227366	1.32E-01	0.00215179	0.02183873	0.06537384	8.94E-02	1074.48994	1074.48994	2,090	0.0104%	0.1949%
County	Fresno	2005	Annual	Motor Coach	20 MPH	1.406240515	19.9061961	7.12884363	0.155036	0.01199994	0.13033932	0.8975972	1.04E+00	0.00299998	0.05585971	0.82578942	8.85E-01	2151.89558	2151.89558	536	0.0027%	0.0500%
County	Fresno	2005	Annual	OBUS	20 MPH	1.091570551	2.59623933	16.2139342	0.00703237	0.00799996	0.03674981	0.00674233	5.15E-02	0.00199999	0.01574992	0.00612862	2.39E-02	1006.06871	1006.06871	1,182	0.0059%	0.1103%
County	Fresno	2005	Annual	PTO	20 MPH	1.115291815	18.9686208	6.21989836	0.19328222			0.91434914	9.14E-01			0.84120121	8.41E-01	2170.62838	2170.62838	7,971	0.0396%	0.7435%
County	Fresno	2005	Annual	SBUS	20 MPH	2.118034973	10.9651049	26.7700277	0.09472335	0.01121195	0.60531192	0.55858514	1.18E+00	0.00280299	0.2594194	0.51312682	7.75E-01	1336.90611	1336.90611	2,112	0.0105%	0.1970%
County	Fresno	2005	Annual	T6 Ag	20 MPH	1.071533092	13.1654183	4.11330814	0.10888115	0.01199994	0.13033932	0.83113536	9.73E-01	0.00299998	0.05585971	0.76464453	8.24E-01	1421.66753	1421.66753	2,039	0.0101%	0.1902%
County	Fresno	2005	Annual	T6 CAIRP heavy	20 MPH	0.706532794	11.683258	2.74650447	0.10709888	0.01199994	0.13033932	0.54410039	6.86E-01	0.00299998	0.05585971	0.50057236	5.59E-01	1398.39622	1398.39622	60	0.0003%	0.0056%
County	Fresno	2005	Annual	T6 CAIRP small	20 MPH	0.537768191	11.037741	2.11487088	0.10650429	0.01199994	0.13033932	0.41759299	5.60E-01	0.00299998	0.05585971	0.38418555	4.43E-01	1390.63268	1390.63268	203	0.0010%	0.0190%
County	Fresno	2005	Annual	T6 instate construction heavy	20 MPH	1.092916657	13.1513703	4.20236	0.10843661	0.01199994	0.13033932	0.83425463	9.77E-01	0.00299998	0.05585971	0.76751426	8.26E-01	1415.86315	1415.86315	1,662	0.0083%	0.1550%
County	Fresno	2005	Annual	T6 instate construction small	20 MPH	0.708932136	11.7615779	2.79196248	0.10679046	0.01199994	0.13033932	0.54202935	6.84E-01	0.00299998	0.05585971	0.49866701	5.58E-01	1394.36919	1394.36919	4,390	0.0218%	0.4094%
County	Fresno	2005	Annual	T6 instate heavy	20 MPH	1.092916657	13.1513703	4.20236	0.10843661	0.01199994	0.13033932	0.83425463	9.77E-01	0.00299998	0.05585971	0.76751426	8.26E-01	1415.86315	1415.86315	3,325	0.0165%	0.3101%
County	Fresno	2005	Annual	T6 instate small	20 MPH	0.708932136	11.7615779	2.79196248	0.10679046	0.01199994	0.13033932	0.54202935	6.84E-01	0.00299998	0.05585971	0.49866701	5.58E-01	1394.36919	1394.36919	8,780	0.0437%	0.8189%
County	Fresno	2005	Annual	T6 OOS heavy	20 MPH	0.706532794	11.683258	2.74650447	0.10709888	0.01199994	0.13033932	0.54410039	6.86E-01	0.00299998	0.05585971	0.50057236	5.59E-01	1398.39622	1398.39622	34	0.0002%	0.0032%
County	Fresno	2005	Annual	T6 OOS small	20 MPH	0.537768191	11.037741	2.11487088	0.10650429	0.01199994	0.13033932	0.41759299	5.60E-01	0.00299998	0.05585971	0.38418555	4.43E-01	1390.63268	1390.63268	117	0.0006%	0.0109%
County	Fresno	2005	Annual	T6 Public	20 MPH	0.636017399	12.6499929	2.41919072	0.10933187	0.01199994	0.13033932	0.59394949	7.36E-01	0.00299998	0.05585971	0.54643353	6.05E-01	1427.55251	1427.55251	428	0.0021%	0.0399%
County	Fresno	2005	Annual	T6 utility	20 MPH	0.364405727	10.9826255	1.41162447	0.10675787	0.01199994	0.13033932	0.36480607	5.07E-01	0.00299998	0.05585971	0.33562158	3.94E-01	1393.94373	1393.94373	83	0.0004%	0.0078%
County	Fresno	2005	Annual	T6TS	20 MPH	3.150093511	3.72515778	49.2351147	0.00742283	0.00799996	0.03674981	0.01950584	6.43E-02	0.00199999	0.01574992	0.01693643	3.47E-02	1006.06856	1006.06856	2,068	0.0103%	0.1929%
County	Fresno	2005	Annual	T7 Ag	20 MPH	1.725753079	21.2142076	10.1098004	0.15807885	0.03599981	0.06173968	1.35485288	1.45E+00	0.00899995	0.02645986	1.24646465	1.28E+00	2194.13022	2194.13022	2,739	0.0136%	0.2555%
County	Fresno	2005	Annual	T7 CAIRP	20 MPH	1.631027662	20.2665728	7.7657436	0.15456866	0.03599981	0.06173968	0.88173027	9.79E-01	0.00899995	0.02645986	0.81119185	8.47E-01	2145.40898	2145.40898	13,377	0.0665%	1.2477%
County	Fresno	2005	Annual	T7 CAIRP construction	20 MPH	1.631027662	20.2665728	7.7657436	0.15456866	0.03599981	0.06173968	0.88173027	9.79E-01	0.00899995	0.02645986	0.81119185	8.47E-01	2145.40898	2145.40898	592	0.0029%	0.0552%
County	Fresno	2005	Annual	T7 NNOOS	20 MPH	1.020786171	17.1559563	4.42125217	0.15417973	0.03599981	0.06173968	0.58713027	6.85E-01	0.00899995	0.02645986	0.54015985	5.76E-01	2140.01054	2140.01054	15,049	0.0748%	1.4036%
County	Fresno	2005	Annual	T7 NOOS	20 MPH	1.631027662	20.2665728	7.7657436	0.15456866	0.03599981	0.06173968	0.88173027	9.79E-01	0.00899995	0.02645986	0.81119185	8.47E-01	2145.40898	2145.40898	4,872	0.0242%	0.4544%
County	Fresno	2005	Annual	T7 other port	20 MPH	2.014811782	21.2187382	10.4073872	0.15347018	0.03599981	0.06173968	1.16531026	1.26E+00	0.00899995	0.02645986	1.07208544	1.11E+00	2130.162	2130.162	283	0.0014%	0.0264%
County	Fresno	2005	Annual	T7 POAK	20 MPH	2.080584171	21.4246339	10.8967165	0.15383665	0.03599981	0.06173968	1.24141108	1.34E+00	0.00899995	0.02645986	1.14209819	1.18E+00	2135.24872	2135.24872	615	0.0031%	0.0574%
County	Fresno	2005	Annual	T7 POLA	20 MPH	2.304603611	22.3515566	13.1767126	0.15757906	0.03599981	0.06173968	1.64850521	1.75E+00	0.00899995	0.02645986	1.51662479	1.55E+00	2187.19327	2187.19327	1,175	0.0058%	0.1096%
County	Fresno	2005	Annual	T7 Public	20 MPH	1.107720696	21.2860134	7.11294112	0.16171138	0.03599981	0.06173968	1.1791608	1.28E+00	0.00899995	0.02645986	1.08482793	1.12E+00	2244.54971	2244.54971	196	0.0010%	0.0183%
County	Fresno	2005	Annual	T7 Single	20 MPH	1.115291815	18.9686208	6.21989836	0.15638563	0.03599981	0.06173968	0.91434914	1.01E+00	0.00899995	0.02645986	0.84120121	8.77E-01	2170.62838	2170.62838	1,230	0.0061%	0.1147%
County	Fresno	2005	Annual	T7 single construction	20 MPH	1.115291815	18.9686208	6.21989836	0.15638563	0.03599981	0.06173968	0.91434914	1.01E+00	0.00899995	0.02645986	0.84120121	8.77E-01	2170.62838	2170.62838	1,532	0.0076%	0.1429%
County	Fresno	2005	Annual	T7 SWCV	20 MPH	1.051889496	19.8298074	6.26762932	0.15820273	0.03599981	0.06173968	0.9900525	1.09E+00	0.00899995	0.02645986	0.9108483	9.46E-01	2195.84969	2195.84969	406	0.0020%	0.0379%
County	Fresno	2005	Annual	T7 tractor	20 MPH	1.728256245	20.4799211	9.2172752	0.15578894	0.03599981	0.06173968	1.12691001	1.22E+00	0.00899995	0.02645986	1.03675721	1.07E+00	2162.34634	2162.34634	19,014	0.0945%	1.7734%
County	Fresno	2005	Annual	T7 tractor construction	20 MPH	1.73933248	20.4545415	9.35649309	0.15593476	0.03599981	0.06173968	1.1518914	1.25E+00	0.00899995	0.02645986	1.05974009	1.10E+00	2164.37043	2164.37043	1,142	0.0057%	0.1065%
County	Fresno	2005	Annual	T7 utility	20 MPH	0.668406355	18.497263	3.61986271	0.15604494	0.03599981	0.06173968	0.66198194	7.60E-01	0.00899995	0.02645986	0.60902339	6.44E-01	2165.89968	2165.89968	26	0.0001%	0.0025%
County	Fresno	2005	Annual	T7IS	20 MPH	6.923813332	8.39768935	144.445852	0.00719669	0.00799996	0.03674981	0.0110601	5.58E-02	0.00199999	0.01574992	0.00903839	2.68E-02	1006.06843	1006.06843	171	0.0008%	0.0159%
County	Fresno	2005	Annual	UBUS	20 MPH	1.29731326	14.893456	10.849362	0.16576193	0.00799996	0.59870604	0.32821046	9.35E-01	0.00199999	0.25658828	0.30181127	5.60E-01	2137.83591	2137.83591	3,525	0.0175%	0.3288%
																				1,072,161	5.3305%	100%

County	Fresno	2005	Annual	All Other Buses	25 MPH	0.92907312	12.7828315	3.6542882	0.10866285	0.01199994	0.13033932	0.71728255	8.60E-01	0.00299998	0.05585971	0.65989994	7.19E-01	1323.78813	1323.78813	841	0.0042%	0.2334%
County	Fresno	2005	Annual	LDA	25 MPH	0.221465676	0.46643453	5.26258569	0.00346441	0.00799996	0.03674981	0.01038774	5.51E-02	0.00199999	0.01574992	0.00948544	2.72E-02	423.658771	423.658771	46,758	0.2325%	12.9756%
County	Fresno	2005	Annual	LDT1	25 MPH	0.587040154	1.00692618	11.8821594	0.00400355	0.00799996	0.03674982	0.01698085	6.17E-02	0.00199999	0.01574992	0.01516039	3.29E-02	483.961196	483.961196	6,522	0.0324%	1.8100%
County	Fresno	2005	Annual	LDT2	25 MPH	0.277220538	0.8230008	6.62942081	0.00467353	0.00799996	0.03674982	0.00912754	5.39E-02	0.00199999	0.01574992	0.00827193	2.60E-02	584.141891	584.141891	18,524	0.0921%	5.1405%
County	Fresno	2005	Annual	LHD1	25 MPH	0.449377694	3.0914524	5.22816455	0.02556549	0.00967085	0.05332926	0.0342243	9.72E-02	0.00241771	0.02285539	0.03146299	5.67E-02	669.66582	669.66582	140,084	0.6965%	38.8740%
County	Fresno	2005	Annual	LHD2	25 MPH	0.489480105	3.98469788	6.50570052	0.03285679	0.01042789	0.06857396	0.04925894	1.28E-01	0.00260697	0.02938884	0.04507447	7.71E-02	626.470042	626.470042	22,967	0.1142%	6.3735%
County	Fresno	2005	Annual	MCY	25 MPH	2.984667923	1.22133865	27.9485524	0.00217133	0.00799048	0.03669061	0.00464187	4.93E-02	0.00199762	0.01572455	0.00357442	2.13E-02	137.08474	137.08474	632	0.0031%	0.1754%
County	Fresno	2005	Annual	MDV	25 MPH	0.223555991	0.78868276	5.62828555	0.00577144	0.00799996	0.03674982	0.00644538	5.12E-02	0.00199999	0.01574992	0.00587797	2.36E-02	726.083642	726.083642	22,468	0.1117%	6.2350%
County	Fresno	2005	Annual	MH	25 MPH	1.322602879	3.4085441	30.918341	0.02257484	0.00860717	0.05095703	0.05680422	1.16E-01	0.00215179	0.02183873	0.05144728	7.54E-02	849.78108	849.78108	2,306	0.0115%	0.6398%
County	Fresno	2005	Annual	Motor Coach	25 MPH	1.119601892	19.3514044	5.9698916	0.155036	0.01199994	0.13033932	0.73389357	8.76E-01	0.00299998	0.05585971	0.67518209	7.34E-01	2007.76667	2007.76667	553	0.0027%	0.1535%
County	Fresno	2005	Annual	OBUS	25 MPH	0.793877267	2.71098657	12.3833547	0.00703237	0.00799996	0.03674981	0.00490083	4.97E-02	0.00199999	0.01574992	0.00445474	2.22E-02	768.012131	768.012131	1,317	0.0065%	0.3655%
County	Fresno	2005	Annual	PTO	25 MPH	1.229690181	19.6235964	7.06168235	0.19328222			1.0209861	1.02E+00			0.93930721	9.39E-01	2180.82661	2180.82661		0.0000%	0.0000%
County	Fresno	2005	Annual	SBUS	25 MPH	1.61392114	10.5499867	20.6652713	0.09472335	0.01121195	0.60531192	0.47802721	1.09E+00	0.00280299	0.2594194	0.43922424	7.01E-01	1213.74107	1213.74107	3,334	0.0166%	0.9252%
County	Fresno	2005	Annual	T6 Ag	25 MPH	0.894056332	12.5892304	3.48773576	0.10888115	0.01199994	0.13033932	0.71085169	8.53E-01	0.00299998	0.05585971	0.65398356	7.13E-01	1326.44758	1326.44758	2,123	0.0106%	0.5892%
County	Fresno	2005	Annual	T6 CAIRP heavy	25 MPH	0.575038462	11.226044	2.31561206	0.10709888	0.01199994	0.13033932	0.45412053	5.96E-01	0.00299998	0.05585971	0.41779089	4.77E-01	1304.73493	1304.73493	62	0.0003%	0.0172%
County	Fresno	2005	Annual	T6 CAIRP small	25 MPH	0.428528282	10.6331699	1.77513972	0.10650429	0.01199994	0.13033932	0.34179543	4.84E-01	0.00299998	0.05585971	0.3144518	3.73E-01	1297.49137	1297.49137	212	0.0011%	0.0588%
County	Fresno	2005	Annual	T6 instate construction heavy	25 MPH	0.909633418	12.5810968	3.56010249	0.10843661	0.01199994	0.13033932	0.71099834	8.53E-01	0.00299998	0.05585971	0.65411847	7.13E-01	1321.03196	1321.03196	1,731	0.0086%	0.4804%
County	Fresno	2005	Annual	T6 instate construction small	25 MPH	0.571540836	11.3494168	2.34552543	0.10679046	0.01199994	0.13033932	0.4470157	5.89E-01	0.00299998	0.05585971	0.41125445	4.70E-01	1300.97762	1300.97762	4,572	0.0227%	1.2687%
County	Fresno	2005	Annual	T6 instate heavy	25 MPH	0.909633418	12.5810968	3.56010249	0.10843661	0.01199994	0.13033932	0.71099834	8.53E-01	0.00299998	0.05585971	0.65411847	7.13E-01	1321.03196	1321.03196	3,462	0.0172%	0.9609%
County	Fresno	2005	Annual	T6 instate small	25 MPH	0.571540836	11.3494168	2.34552543	0.10679046	0.01199994	0.13033932	0.4470157	5.89E-01	0.00299998	0.05585971	0.41125445	4.70E-01	1300.97762	1300.97762	9,144	0.0455%	2.5375%
County	Fresno	2005	Annual	T6 OOS heavy	25 MPH	0.575038462	11.226044	2.31561206	0.10709888	0.01199994	0.13033932	0.45412053	5.96E-01	0.00299998	0.05585971	0.41779089	4.77E-01	1304.73493	1304.73493	36	0.0002%	0.0099%
County	Fresno	2005	Annual	T6 OOS small	25 MPH	0.428528282	10.6331699	1.77513972	0.10650429	0.01199994	0.13033932	0.34179543	4.84E-01	0.00299998	0.05585971	0.3144518	3.73E-01	1297.49137	1297.49137	121	0.0006%	0.0337%
County	Fresno	2005	Annual	T6 Public	25 MPH	0.534176208	12.0711733	2.056816 03	0.10933187	0.01199994	0.13033932	0.50998816	6.52E-01	0.00299998	0.05585971	0.46918911	5.28E-01	1331.9384	1331.9384	445	0.0022%	0.1236%
County	Fresno	2005	Annual	T6 utility	25 MPH	0.294722198	10.5927748	1.1902611	0.10675787	0.01199994	0.13033932	0.30175737	4.44E-01	0.00299998	0.05585971	0.27761678	3.36E-01	1300.58066	1300.58066	87	0.0004%	0.0241%
County	Fresno	2005	Annual	T6TS	25 MPH	2.290090906	3.88955445	37.6011431	0.00742283	0.00799996	0.03674981	0.01417832	5.89E-02	0.00199999	0.01574992	0.01231068	3.01E-02	768.012209	768.012209	2,304	0.0115%	0.6394%
County	Fresno	2005	Annual	T7 Ag	25 MPH	1.421348643	20.3973916	8.564033	0.15807885	0.03599981	0.06173968	1.1570236	1.25E+00	0.00899995	0.02645986	1.06446172	1.10E+00	2047.17253	2047.17253	2,826	0.0140%	0.7842%
County	Fresno	2005	Annual	T7 CAIRP	25 MPH	1.283196699	19.7199616	6.47237808	0.15456866	0.03599981	0.06173968	0.7082068	8.06E-01	0.00899995	0.02645986	0.65155026	6.87E-01	2001.71453	2001.71453	13,799	0.0686%	3.8294%
County	Fresno	2005	Annual	T7 CAIRP construction	25 MPH	1.283196699	19.7199616	6.47237808	0.15456866	0.03599981	0.06173968	0.7082068	8.06E-01	0.00899995	0.02645986	0.65155026	6.87E-01	2001.71453	2001.71453	611	0.0030%	0.1695%
County	Fresno	2005	Annual	T7 NNOOS	25 MPH	0.819153375	16.1983575	3.75144344	0.15417973	0.03599981	0.06173968	0.49326722	5.91E-01	0.00899995	0.02645986	0.45380584	4.89E-01	1996.67766	1996.67766	15,524	0.0772%	4.3079%
County	Fresno	2005	Annual	T7 NOOS	25 MPH	1.283196699	19.7199616	6.47237808	0.15456866	0.03599981	0.06173968	0.7082068	8.06E-01	0.00899995	0.02645986	0.65155026	6.87E-01	2001.71453	2001.71453	5,025	0.0250%	1.3946%
County	Fresno	2005	Annual	T7 other port	25 MPH	1.580779105	20.8760037	8.64379022	0.15347018	0.03599981	0.06173968	0.9273078	1.03E+00	0.00899995	0.02645986	0.85312318	8.89E-01	1987.48876	1987.48876	292	0.0015%	0.0811%
County	Fresno	2005	Annual	T7 POAK	25 MPH	1.639119019	21.0466318	9.06614173	0.15383665	0.03599981	0.06173968	0.99509792	1.09E+00	0.00899995	0.02645986	0.91549009	9.51E-01	1992.23478	1992.23478	635	0.0032%	0.1761%
County	Fresno	2005	Annual	T7 POLA	25 MPH	1.874484449	21.5964298	11.1059846	0.15757906	0.03599981	0.06173968	1.38649964	1.48E+00	0.00899995	0.02645986	1.27557967	1.31E+00	2040.70021	2040.70021	1,212	0.0060%	0.3364%
County	Fresno	2005	Annual	T7 Public	25 MPH	0.93965419	20.1351699	6.08096163	0.16171138	0.03599981	0.06173968	1.03569249	1.13E+00	0.00899995	0.02645986	0.95283709	9.88E-01	2094.21505	2094.21505	202	0.0010%	0.0560%
County	Fresno	2005	Annual	T7 Single	25 MPH	0.918871301	18.0789265	5.28531909	0.15638563	0.03599981	0.06173968	0.7838257	8.82E-01	0.00899995	0.02645986	0.72111964	7.57E-01	2025.24479	2025.24479	1,269	0.0063%	0.3521%
County	Fresno	2005	Annual	T7 single construction	25 MPH	0.918871301	18.0789265	5.28531909	0.15638563	0.03599981	0.06173968	0.7838257	8.82E-01	0.00899995	0.02645986	0.72111964	7.57E-01	2025.24479	2025.24479	1,580	0.0079%	0.4386%
County	Fresno	2005	Annual	T7 SWCV	25 MPH	0.876471093	18.9310235	5.33610121	0.15820273	0.03599981	0.06173968	0.85512778	9.53E-01	0.00899995	0.02645986	0.78671756	8.22E-01	2048.77684	2048.77684	419	0.0021%	0.1164%
County	Fresno	2005	Annual	T7 tractor	25 MPH	1.392763277	19.7645646	7.75524721	0.15578894	0.03599981	0.06173968	0.94030115	1.04E+00	0.00899995	0.02645986	0.86507706	9.01E-01	2017.51746	2017.51746	19,614	0.0975%	5.4430%
County	Fresno	2005	Annual	T7 tractor construction	25 MPH	1.405450479	19.7062173	7.88098889	0.15593476	0.03599981	0.06173968	0.96473475	1.06E+00	0.00899995	0.02645986	0.88755597	9.23E-01	2019.40599	2019.40599	1,178	0.0059%	0.3270%
County	Fresno	2005	Annual	T7 utility	25 MPH	0.54669236	17.7754305	3.06868043	0.15604494	0.03599981	0.06173968	0.56018038	6.58E-01	0.00899995	0.02645986	0.51536595	5.51E-01	2020.83281	2020.83281	27	0.0001%	0.0076%
County	Fresno	2005	Annual	T7IS	25 MPH	5.021533356	8.73430068	109.941937	0.00719669	0.00799996	0.03674981	0.00803932	5.28E-02	0.00199999	0.01574992	0.00656978	2.43E-02	768.012027	768.012027	223	0.0011%	0.0619%
County	Fresno	2005	Annual	UBUS	25 MPH	0.986997232	13.0829452	8.18335302	0.16576193	0.00799996	0.59870604	0.25976121	8.66E-01	0.00199999	0.25658828	0.23887684	4.97E-01	2065.94876	2065.94876	5,309	0.0264%	1.4733%
																				360,354	1.7916%	100%

County	Fresno	2005	Annual	All Other Buses	30 MPH	0.773852187	12.3670689	3.07810573	0.10866285	0.01199994	0.13033932	0.61501315	7.57E-01	0.00299998	0.05585971	0.5658121	6.25E-01	1242.57534	1242.57534	1,011	0.0050%	0.1723%
County	Fresno	2005	Annual	LDA	30 MPH	0.179479771	0.43768401	4.76136442	0.00346441	0.00799996	0.03674981	0.00827322	5.30E-02	0.00199999	0.01574992	0.00754869	2.53E-02	364.776928	364.776928	143,348	0.7127%	24.4276%
County	Fresno	2005	Annual	LDT1	30 MPH	0.482781298	0.95378937	10.6225707	0.00400355	0.00799996	0.03674982	0.01369683	5.84E-02	0.00199999	0.01574992	0.01221165	3.00E-02	416.624328	416.624328	19,996	0.0994%	3.4075%
County	Fresno	2005	Annual	LDT2	30 MPH	0.225476994	0.76730586	5.98300557	0.00467353	0.00799996	0.03674982	0.00728621	5.20E-02	0.00199999	0.01574992	0.00659601	2.43E-02	502.792235	502.792235	56,790	0.2823%	9.6775%
County	Fresno	2005	Annual	LHD1	30 MPH	0.350488924	2.97145453	4.21538199	0.02556549	0.00967085	0.05332926	0.02863795	9.16E-02	0.00241771	0.02285539	0.02632921	5.16E-02	583.152325	583.152325	121,541	0.6043%	20.7114%
County	Fresno	2005	Annual	LHD2	30 MPH	0.38530671	3.78388773	5.23492045	0.03285679	0.01042789	0.06857396	0.04143552	1.20E-01	0.00260697	0.02938884	0.037936	6.99E-02	568.076724	568.076724	19,752	0.0982%	3.3659%
County	Fresno	2005	Annual	MCY	30 MPH	2.760231191	1.27101218	27.4482131	0.00217133	0.00799048	0.03669061	0.00429444	4.90E-02	0.00199762	0.01572455	0.00330641	2.10E-02	123.988801	123.988801	1,938	0.0096%	0.3302%
County	Fresno	2005	Annual	MDV	30 MPH	0.180843445	0.73489141	5.08524183	0.00577144	0.00799996	0.03674982	0.00513058	4.99E-02	0.00199999	0.01574992	0.00467494	2.24E-02	624.958391	624.958391	68,881	0.3425%	11.7379%
County	Fresno	2005	Annual	MH	30 MPH	1.007443798	3.43680342	24.9324298	0.02257484	0.00860717	0.05095703	0.04765494	1.07E-01	0.00215179	0.02183873	0.04322686	6.72E-02	711.587825	711.587825	2,631	0.0131%	0.4483%
County	Fresno	2005	Annual	Motor Coach	30 MPH	0.88896417	18.9288234	4.97275439	0.155036	0.01199994	0.13033932	0.60508787	7.47E-01	0.00299998	0.05585971	0.55668084	6.16E-01	1884.59262	1884.59262	934	0.0046%	0.1591%
County	Fresno	2005	Annual	OBUS	30 MPH	0.601172189	2.8365281	9.97234498	0.00703237	0.00799996	0.03674981	0.00371324	4.85E-02	0.00199999	0.01574992	0.00337525	2.11E-02	619.433613	619.433613	1,489	0.0074%	0.2538%
County	Fresno	2005	Annual	PTO	30 MPH	1.229690181	19.6235964	7.06168235	0.19328222			1.0209861	1.02E+00			0.93930721	9.39E-01	2180.82661	2180.82661		0.0000%	0.0000%
County	Fresno	2005	Annual	SBUS	30 MPH	1.268907684	10.224949	16.7590056	0.09472335	0.01121195	0.60531192	0.41325405	1.03E+00	0.00280299	0.2594194	0.37976883	6.42E-01	1119.29167	1119.29167	4,000	0.0199%	0.6816%
County	Fresno	2005	Annual	T6 Ag	30 MPH	0.747859647	12.1287642	2.94410925	0.10888115	0.01199994	0.13033932	0.6135396	7.56E-01	0.00299998	0.05585971	0.56445644	6.23E-01	1245.07163	1245.07163	2,553	0.0127%	0.4351%
County	Fresno	2005	Annual	T6 CAIRP heavy	30 MPH	0.468097719	10.8623696	1.94461111	0.10709888	0.01199994	0.13033932	0.38371632	5.26E-01	0.00299998	0.05585971	0.35301901	4.12E-01	1224.69103	1224.69103	75	0.0004%	0.0127%
County	Fresno	2005	Annual	T6 CAIRP small	30 MPH	0.340455258	10.3124366	1.48478455	0.10650429	0.01199994	0.13033932	0.28382137	4.26E-01	0.00299998	0.05585971	0.26111566	3.20E-01	1217.89185	1217.89185	255	0.0013%	0.0434%
County	Fresno	2005	Annual	T6 instate construction heavy	30 MPH	0.758889798	12.125577	3.00232963	0.10843661	0.01199994	0.13033932	0.61154593	7.54E-01	0.00299998	0.05585971	0.56262226	6.21E-01	1239.98826	1239.98826	2,082	0.0103%	0.3547%
County	Fresno	2005	Annual	T6 instate construction small	30 MPH	0.460327621	11.0253822	1.96180428	0.10679046	0.01199994	0.13033932	0.37281083	5.15E-01	0.00299998	0.05585971	0.34298596	4.02E-01	1221.16422	1221.16422	5,497	0.0273%	0.9368%
County	Fresno	2005	Annual	T6 instate heavy	30 MPH	0.758889798	12.125577	3.00232963	0.10843661	0.01199994	0.13033932	0.61154593	7.54E-01	0.00299998	0.05585971	0.56262226	6.21E-01	1239.98826	1239.98826	4,163	0.0207%	0.7095%
County	Fresno	2005	Annual	T6 instate small	30 MPH	0.460327621	11.0253822	1.96180428	0.10679046	0.01199994	0.13033932	0.37281083	5.15E-01	0.00299998	0.05585971	0.34298596	4.02E-01	1221.16422	1221.16422	10,995	0.0547%	1.8736%
County	Fresno	2005	Annual	T6 OOS heavy	30 MPH	0.468097719	10.8623696	1.94461111	0.10709888	0.01199994	0.13033932	0.38371632	5.26E-01	0.00299998	0.05585971	0.35301901	4.12E-01	1224.69103	1224.69103	43	0.0002%	0.0073%
County	Fresno	2005	Annual	T6 OOS small	30 MPH	0.340455258	10.3124366	1.48478455	0.10650429	0.01199994	0.13033932	0.28382137	4.26E-01	0.00299998	0.05585971	0.26111566	3.20E-01	1217.89185	1217.89185	146	0.0007%	0.0249%
County	Fresno	2005	Annual	T6 Public	30 MPH	0.449910479	11.607165	1.74142224	0.10933187	0.01199994	0.13033932	0.4419643	5.84E-01	0.00299998	0.05585971	0.40660716	4.65E-01	1250.2256	1250.2256	536	0.0027%	0.0913%
County	Fresno	2005	Annual	T6 utility	30 MPH	0.23817634	10.2857554	1.00039361	0.10675787	0.01199994	0.13033932	0.25294013	3.95E-01	0.00299998	0.05585971	0.23270492	2.92E-01	1220.79161	1220.79161	105	0.0005%	0.0178%
County	Fresno	2005	Annual	T6TS	30 MPH	1.73587083	4.07063632	30.3046389	0.00742283	0.00799996	0.03674981	0.01074257	5.55E-02	0.00199999	0.01574992	0.0093275	2.71E-02	619.433602	619.433602	2,605	0.0130%	0.4439%
County	Fresno	2005	Annual	T7 Ag	30 MPH	1.172595954	19.7536886	7.2192367	0.15807885	0.03599981	0.06173968	0.99605083	1.09E+00	0.00899995	0.02645986	0.91636677	9.52E-01	1921.58098	1921.58098	4,771	0.0237%	0.8130%
County	Fresno	2005	Annual	T7 CAIRP	30 MPH	1.004554372	19.3044337	5.36448686	0.15456866	0.03599981	0.06173968	0.57329826	6.71E-01	0.00899995	0.02645986	0.5274344	5.63E-01	1878.91177	1878.91177	23,297	0.1158%	3.9700%
County	Fresno	2005	Annual	T7 CAIRP construction	30 MPH	1.004554372	19.3044337	5.36448686	0.15456866	0.03599981	0.06173968	0.57329826	6.71E-01	0.00899995	0.02645986	0.5274344	5.63E-01	1878.91177	1878.91177	1,031	0.0051%	0.1758%
County	Fresno	2005	Annual	T7 NNOOS	30 MPH	0.655560933	15.4085588	3.1840744	0.15417973	0.03599981	0.06173968	0.42509187	5.23E-01	0.00899995	0.02645986	0.39108452	4.27E-01	1874.18391	1874.18391	26,209	0.1303%	4.4661%
County	Fresno	2005	Annual	T7 NOOS	30 MPH	1.004554372	19.3044337	5.36448686	0.15456866	0.03599981	0.06173968	0.57329826	6.71E-01	0.00899995	0.02645986	0.5274344	5.63E-01	1878.91177	1878.91177	8,484	0.0422%	1.4458%
County	Fresno	2005	Annual	T7 other port	30 MPH	1.233889169	20.6447378	7.12785753	0.15347018	0.03599981	0.06173968	0.7389647	8.37E-01	0.00899995	0.02645986	0.67984752	7.15E-01	1865.55873	1865.55873	493	0.0025%	0.0841%
County	Fresno	2005	Annual	T7 POAK	30 MPH	1.285764608	20.7855894	7.49073214	0.15383665	0.03599981	0.06173968	0.79959526	8.97E-01	0.00899995	0.02645986	0.73562764	7.71E-01	1870.0136	1870.0136	1,072	0.0053%	0.1826%
County	Fresno	2005	Annual	T7 POLA	30 MPH	1.525416764	21.0108936	9.30917336	0.15757906	0.03599981	0.06173968	1.17433361	1.27E+00	0.00899995	0.02645986	1.08038692	1.12E+00	1915.50573	1915.50573	2,047	0.0102%	0.3488%
County	Fresno	2005	Annual	T7 Public	30 MPH	0.799654705	19.2026041	5.17642566	0.16171138	0.03599981	0.06173968	0.91622995	1.01E+00	0.00899995	0.02645986	0.84293155	8.78E-01	1965.73749	1965.73749	341	0.0017%	0.0581%
County	Fresno	2005	Annual	T7 Single	30 MPH	0.75802933	17.3607376	4.47551822	0.15638563	0.03599981	0.06173968	0.6800433	7.78E-01	0.00899995	0.02645986	0.62563983	6.61E-01	1900.99848	1900.99848	2,142	0.0107%	0.3651%
County	Fresno	2005	Annual	T7 single construction	30 MPH	0.75802933	17.3607376	4.47551822	0.15638563	0.03599981	0.06173968	0.6800433	7.78E-01	0.00899995	0.02645986	0.62563983	6.61E-01	1900.99848	1900.99848	2,668	0.0133%	0.4547%
County	Fresno	2005	Annual	T7 SWCV	30 MPH	0.732019707	18.2104402	4.52450003	0.15820273	0.03599981	0.06173968	0.7455156	8.43E-01	0.00899995	0.02645986	0.68587436	7.21E-01	1923.08687	1923.08687	708	0.0035%	0.1206%
County	Fresno	2005	Annual	T7 tractor	30 MPH	1.121413382	19.2040426	6.49274253	0.15578894	0.03599981	0.06173968	0.79205727	8.90E-01	0.00899995	0.02645986	0.72869269	7.64E-01	1893.74521	1893.74521	33,114	0.1646%	5.6429%
County	Fresno	2005	Annual	T7 tractor construction	30 MPH	1.13505659	19.116822	6.60604807	0.15593476	0.03599981	0.06173968	0.81587076	9.14E-01	0.00899995	0.02645986	0.75060109	7.86E-01	1895.51788	1895.51788	1,989	0.0099%	0.3390%
County	Fresno	2005	Annual	T7 utility	30 MPH	0.447413125	17.2030521	2.59216945	0.15604494	0.03599981	0.06173968	0.47958782	5.77E-01	0.00899995	0.02645986	0.4412208	4.77E-01	1896.85717	1896.85717	46	0.0002%	0.0078%
County	Fresno	2005	Annual	T7IS	30 MPH	3.804438413	9.08817572	88.6106347	0.00719669	0.00799996	0.03674981	0.00609119	5.08E-02	0.00199999	0.01574992	0.00497776	2.27E-02	619.433607	619.433607	407	0.0020%	0.0694%
County	Fresno	2005	Annual	UBUS	30 MPH	0.781275208	12.0555964	6.53257039	0.16576193	0.00799996	0.59870604	0.21292264	8.20E-01	0.00199999	0.25658828	0.19581043	4.54E-01	2021.08183	2021.08183	6,645	0.0330%	1.1323%
																				586,829	2.9175%	100%

County	Fresno	2005	Annual	All Other Buses	35 MPH	0.652349243	12.0611989	2.58921713	0.10866285	0.01199994	0.13033932	0.53700233	6.79E-01	0.00299998	0.05585971	0.49404214	5.53E-01	1175.17878	1175.17878	1,193	0.0059%	0.0826%
County	Fresno	2005	Annual	LDA	35 MPH	0.152428212	0.41799111	4.38004297	0.00346441	0.00799996	0.03674981	0.00691123	5.17E-02	0.00199999	0.01574992	0.00630113	2.41E-02	326.214717	326.214717	558,357	2.7760%	38.6610%
County	Fresno	2005	Annual	LDT1	35 MPH	0.415027571	0.92099949	9.7411141	0.00400355	0.00799996	0.03674982	0.0115607	5.63E-02	0.00199999	0.01574992	0.01029251	2.80E-02	372.478914	372.478914	77,888	0.3872%	5.3930%
County	Fresno	2005	Annual	LDT2	35 MPH	0.191972991	0.72919686	5.49752103	0.00467353	0.00799996	0.03674982	0.00610066	5.09E-02	0.00199999	0.01574992	0.0055168	2.33E-02	449.502509	449.502509	221,204	1.0998%	15.3163%
County	Fresno	2005	Annual	LHD1	35 MPH	0.280906803	2.96286426	3.57596055	0.02556549	0.00967085	0.05332926	0.02457601	8.76E-02	0.00241771	0.02285539	0.02259595	4.79E-02	529.823572	529.823572	52,985	0.2634%	3.6687%
County	Fresno	2005	Annual	LHD2	35 MPH	0.315929894	3.73509977	4.51077002	0.03285679	0.01042789	0.06857396	0.03570054	1.15E-01	0.00260697	0.02938884	0.03269864	6.47E-02	532.08177	532.08177	9,187	0.0457%	0.6361%
County	Fresno	2005	Annual	MCY	35 MPH	2.667635862	1.32001598	28.3339127	0.00217133	0.00799048	0.03669061	0.00415814	4.88E-02	0.00199762	0.01572455	0.00320109	2.09E-02	114.006953	114.006953	7,547	0.0375%	0.5226%
County	Fresno	2005	Annual	MDV	35 MPH	0.153330746	0.69790833	4.67974453	0.00577144	0.00799996	0.03674982	0.00428698	4.90E-02	0.00199999	0.01574992	0.00390302	2.17E-02	558.733821	558.733821	268,301	1.3339%	18.5773%
County	Fresno	2005	Annual	MH	35 MPH	0.798067607	3.47945066	21.2992801	0.02257484	0.00860717	0.05095703	0.04134463	1.01E-01	0.00215179	0.02183873	0.0375508	6.15E-02	623.804826	623.804826	3,244	0.0161%	0.2246%
County	Fresno	2005	Annual	Motor Coach	35 MPH	0.714327352	18.6384531	4.13743199	0.155036	0.01199994	0.13033932	0.51118008	6.54E-01	0.00299998	0.05585971	0.47028568	5.29E-01	1782.37343	1782.37343	1,680	0.0084%	0.1163%
County	Fresno	2005	Annual	OBUS	35 MPH	0.473137809	2.96181457	8.495652	0.00703237	0.00799996	0.03674981	0.00293264	4.77E-02	0.00199999	0.01574992	0.00266571	2.04E-02	527.846607	527.846607	1,851	0.0092%	0.1282%
County	Fresno	2005	Annual	PTO	35 MPH	1.229690181	19.6235964	7.06168235	0.19328222			1.0209861	1.02E+00			0.93930721	9.39E-01	2180.82661	2180.82661		0.0000%	0.0000%
County	Fresno	2005	Annual	SBUS	35 MPH	1.031382577	9.99358706	14.3021083	0.09472335	0.01121195	0.60531192	0.36398385	9.81E-01	0.00280299	0.2594194	0.33452957	5.97E-01	1047.15812	1047.15812	4,106	0.0204%	0.2843%
County	Fresno	2005	Annual	T6 Ag	35 MPH	0.632943037	11.7840196	2.48242862	0.10888115	0.01199994	0.13033932	0.5391991	6.82E-01	0.00299998	0.05585971	0.49606317	5.55E-01	1177.53968	1177.53968	3,010	0.0150%	0.2084%
County	Fresno	2005	Annual	T6 CAIRP heavy	35 MPH	0.385710567	10.5922347	1.63350163	0.10709888	0.01199994	0.13033932	0.33288776	4.75E-01	0.00299998	0.05585971	0.30625674	3.65E-01	1158.26451	1158.26451	88	0.0004%	0.0061%
County	Fresno	2005	Annual	T6 CAIRP small	35 MPH	0.273549119	10.0755411	1.24380536	0.10650429	0.01199994	0.13033932	0.24367081	3.86E-01	0.00299998	0.05585971	0.22417715	2.83E-01	1151.83412	1151.83412	300	0.0015%	0.0208%
County	Fresno	2005	Annual	T6 instate construction heavy	35 MPH	0.640685797	11.784811	2.52904142	0.10843661	0.01199994	0.13033932	0.53589742	6.78E-01	0.00299998	0.05585971	0.49302563	5.52E-01	1172.73203	1172.73203	2,454	0.0122%	0.1699%
County	Fresno	2005	Annual	T6 instate construction small	35 MPH	0.375292491	10.789474	1.64079903	0.10679046	0.01199994	0.13033932	0.31941472	4.62E-01	0.00299998	0.05585971	0.29386155	3.53E-01	1154.929	1154.929	6,482	0.0322%	0.4488%
County	Fresno	2005	Annual	T6 instate heavy	35 MPH	0.640685797	11.784811	2.52904142	0.10843661	0.01199994	0.13033932	0.53589742	6.78E-01	0.00299998	0.05585971	0.49302563	5.52E-01	1172.73203	1172.73203	4,909	0.0244%	0.3399%
County	Fresno	2005	Annual	T6 instate small	35 MPH	0.375292491	10.789474	1.64079903	0.10679046	0.01199994	0.13033932	0.31941472	4.62E-01	0.00299998	0.05585971	0.29386155	3.53E-01	1154.929	1154.929	12,964	0.0645%	0.8977%
County	Fresno	2005	Annual	T6 OOS heavy	35 MPH	0.385710567	10.5922347	1.63350163	0.10709888	0.01199994	0.13033932	0.33288776	4.75E-01	0.00299998	0.05585971	0.30625674	3.65E-01	1158.26451	1158.26451	50	0.0003%	0.0035%
County	Fresno	2005	Annual	T6 OOS small	35 MPH	0.273549119	10.0755411	1.24380536	0.10650429	0.01199994	0.13033932	0.24367081	3.86E-01	0.00299998	0.05585971	0.22417715	2.83E-01	1151.83412	1151.83412	172	0.0009%	0.0119%
County	Fresno	2005	Annual	T6 Public	35 MPH	0.383220211	11.257968	1.47300937	0.10933187	0.01199994	0.13033932	0.38987791	5.32E-01	0.00299998	0.05585971	0.35868768	4.18E-01	1182.4141	1182.4141	632	0.0031%	0.0437%
County	Fresno	2005	Annual	T6 utility	35 MPH	0.194768153	10.0615672	0.84202199	0.10675787	0.01199994	0.13033932	0.21835435	3.61E-01	0.00299998	0.05585971	0.200886	2.60E-01	1154.5766	1154.5766	123	0.0006%	0.0085%
County	Fresno	2005	Annual	T6TS	35 MPH	1.369830317	4.2510761	25.8678302	0.00742283	0.00799996	0.03674981	0.00848427	5.32E-02	0.00199999	0.01574992	0.00736668	2.51E-02	527.846574	527.846574	3,238	0.0161%	0.2242%
County	Fresno	2005	Annual	T7 Ag	35 MPH	0.97949501	19.2830986	6.07541151	0.15807885	0.03599981	0.06173968	0.87193457	9.70E-01	0.00899995	0.02645986	0.80217981	8.38E-01	1817.35556	1817.35556	8,583	0.0427%	0.5943%
County	Fresno	2005	Annual	T7 CAIRP	35 MPH	0.795100682	19.0199892	4.44206992	0.15456866	0.03599981	0.06173968	0.47700463	5.75E-01	0.00899995	0.02645986	0.43884426	4.74E-01	1777.00071	1777.00071	41,912	0.2084%	2.9020%
County	Fresno	2005	Annual	T7 CAIRP construction	35 MPH	0.795100682	19.0199892	4.44206992	0.15456866	0.03599981	0.06173968	0.47700463	5.75E-01	0.00899995	0.02645986	0.43884426	4.74E-01	1777.00071	1777.00071	1,856	0.0092%	0.1285%
County	Fresno	2005	Annual	T7 NNOOS	35 MPH	0.530008844	14.7865603	2.71914507	0.15417973	0.03599981	0.06173968	0.38260424	4.80E-01	0.00899995	0.02645986	0.3519959	3.87E-01	1772.52928	1772.52928	47,150	0.2344%	3.2647%
County	Fresno	2005	Annual	T7 NOOS	35 MPH	0.795100682	19.0199892	4.44206992	0.15456866	0.03599981	0.06173968	0.47700463	5.75E-01	0.00899995	0.02645986	0.43884426	4.74E-01	1777.00071	1777.00071	15,263	0.0759%	1.0568%
County	Fresno	2005	Annual	T7 other port	35 MPH	0.974141973	20.5249407	5.85958917	0.15347018	0.03599981	0.06173968	0.60028094	6.98E-01	0.00899995	0.02645986	0.55225846	5.88E-01	1764.37193	1764.37193	888	0.0044%	0.0615%
County	Fresno	2005	Annual	T7 POAK	35 MPH	1.020520939	20.6415067	6.17048768	0.15383665	0.03599981	0.06173968	0.6549031	7.53E-01	0.00899995	0.02645986	0.60251085	6.38E-01	1768.58516	1768.58516	1,928	0.0096%	0.1335%
County	Fresno	2005	Annual	T7 POLA	35 MPH	1.257400554	20.5949481	7.78627888	0.15757906	0.03599981	0.06173968	1.0120071	1.11E+00	0.00899995	0.02645986	0.93104653	9.67E-01	1811.60983	1811.60983	3,682	0.0183%	0.2549%
County	Fresno	2005	Annual	T7 Public	35 MPH	0.687722243	18.4883159	4.39933321	0.16171138	0.03599981	0.06173968	0.82077316	9.19E-01	0.00899995	0.02645986	0.75511131	7.91E-01	1859.11705	1859.11705	613	0.0030%	0.0425%
County	Fresno	2005	Annual	T7 Single	35 MPH	0.632765903	16.814054	3.79049576	0.15638563	0.03599981	0.06173968	0.60300195	7.01E-01	0.00899995	0.02645986	0.55476179	5.90E-01	1797.88944	1797.88944	3,854	0.0192%	0.2669%
County	Fresno	2005	Annual	T7 single construction	35 MPH	0.632765903	16.814054	3.79049576	0.15638563	0.03599981	0.06173968	0.60300195	7.01E-01	0.00899995	0.02645986	0.55476179	5.90E-01	1797.88944	1797.88944	4,800	0.0239%	0.3324%
County	Fresno	2005	Annual	T7 SWCV	35 MPH	0.618535337	17.6680576	3.83282576	0.15820273	0.03599981	0.06173968	0.66121598	7.59E-01	0.00899995	0.02645986	0.6083187	6.44E-01	1818.77977	1818.77977	1,274	0.0063%	0.0882%
County	Fresno	2005	Annual	T7 tractor	35 MPH	0.91420656	18.7983549	5.42976116	0.15578894	0.03599981	0.06173968	0.68217838	7.80E-01	0.00899995	0.02645986	0.62760411	6.63E-01	1791.02959	1791.02959	59,573	0.2962%	4.1249%
County	Fresno	2005	Annual	T7 tractor construction	35 MPH	0.928150813	18.6863558	5.53167061	0.15593476	0.03599981	0.06173968	0.70529941	8.03E-01	0.00899995	0.02645986	0.64887546	6.84E-01	1792.70611	1792.70611	3,579	0.0178%	0.2478%
County	Fresno	2005	Annual	T7 utility	35 MPH	0.370568651	16.7801278	2.19032978	0.15604494	0.03599981	0.06173968	0.42020427	5.18E-01	0.00899995	0.02645986	0.38658793	4.22E-01	1793.97276	1793.97276	83	0.0004%	0.0057%
County	Fresno	2005	Annual	T7IS	35 MPH	3.001619155	9.44271747	75.5193701	0.00719669	0.00799996	0.03674981	0.00481071	4.96E-02	0.00199999	0.01574992	0.00393134	2.17E-02	527.846582	527.846582	725	0.0036%	0.0502%
County	Fresno	2005	Annual	UBUS	35 MPH	0.643188542	11.636891	5.51837905	0.16576193	0.00799996	0.59870604	0.1807554	7.87E-01	0.00199999	0.25658828	0.16623306	4.25E-01	1993.4251	1993.4251	6,512	0.0324%	0.4509%
																				1,444,239	7.1803%	100%

County	Fresno	2005	Annual	All Other Buses	40 MPH	0.564564288	11.8652215	2.1876224	0.10866285	0.01199994	0.13033932	0.48325007	6.26E-01	0.00299998	0.05585971	0.44459006	5.03E-01	1121.59848	1121.59848	1,480	0.0074%	0.0617%
County	Fresno	2005	Annual	LDA	40 MPH	0.135502997	0.40768019	4.07734202	0.00346441	0.00799996	0.03674981	0.0060529	5.08E-02	0.00199999	0.01574992	0.00551439	2.33E-02	302.082156	302.082156	1,047,885	5.2098%	43.7038%
County	Fresno	2005	Annual	LDT1	40 MPH	0.373593272	0.90944194	9.14251885	0.00400355	0.00799996	0.03674982	0.01020731	5.50E-02	0.00199999	0.01574992	0.0090741	2.68E-02	344.968237	344.968237	146,175	0.7267%	6.0965%
County	Fresno	2005	Annual	LDT2	40 MPH	0.17101303	0.70904829	5.12216668	0.00467353	0.00799996	0.03674982	0.00535575	5.01E-02	0.00199999	0.01574992	0.004838	2.26E-02	416.186301	416.186301	415,140	2.0639%	17.3141%
County	Fresno	2005	Annual	LHD1	40 MPH	0.231686646	3.03515017	3.20824879	0.02556549	0.00967085	0.05332926	0.02161667	8.46E-02	0.00241771	0.02285539	0.01987583	4.51E-02	499.18809	499.18809	22,220	0.1105%	0.9267%
County	Fresno	2005	Annual	LHD2	40 MPH	0.26717393	3.80226017	4.1301093	0.03285679	0.01042789	0.06857396	0.03149412	1.10E-01	0.00260697	0.02938884	0.02885451	6.09E-02	511.404097	511.404097	4,282	0.0213%	0.1786%
County	Fresno	2005	Annual	MCY	40 MPH	2.709139492	1.37474378	30.8967352	0.00217133	0.00799048	0.03669061	0.00421369	4.89E-02	0.00199762	0.01572455	0.00324357	2.10E-02	106.588259	106.588259	14,164	0.0704%	0.5907%
County	Fresno	2005	Annual	MDV	40 MPH	0.136065245	0.67803182	4.36788071	0.00577144	0.00799996	0.03674982	0.00375877	4.85E-02	0.00199999	0.01574992	0.00341935	2.12E-02	517.282059	517.282059	503,527	2.5034%	21.0004%
County	Fresno	2005	Annual	MH	40 MPH	0.657959351	3.5364136	19.2474095	0.02257484	0.00860717	0.05095703	0.03754301	9.71E-02	0.00215179	0.02183873	0.03413926	5.81E-02	571.149505	571.149505	4,037	0.0201%	0.1684%
County	Fresno	2005	Annual	Motor Coach	40 MPH	0.595691436	18.4802936	3.4639244	0.155036	0.01199994	0.13033932	0.45217022	5.95E-01	0.00299998	0.05585971	0.4159966	4.75E-01	1701.1091	1701.1091	1,585	0.0079%	0.0661%
County	Fresno	2005	Annual	OBUS	40 MPH	0.387349001	3.08739743	7.65171945	0.00703237	0.00799996	0.03674981	0.00241429	4.72E-02	0.00199999	0.01574992	0.00219453	1.99E-02	475.233184	475.233184	2,304	0.0115%	0.0961%
County	Fresno	2005	Annual	PTO	40 MPH	1.229690181	19.6235964	7.06168235	0.19328222			1.0209861	1.02E+00			0.93930721	9.39E-01	2180.82661	2180.82661		0.0000%	0.0000%
County	Fresno	2005	Annual	SBUS	40 MPH	0.868420591	9.85122381	12.8169706	0.09472335	0.01121195	0.60531192	0.33005139	9.47E-01	0.00280299	0.2594194	0.30337102	5.66E-01	993.790955	993.790955	2,771	0.0138%	0.1156%
County	Fresno	2005	Annual	T6 Ag	40 MPH	0.549306503	11.5549968	2.10269386	0.10888115	0.01199994	0.13033932	0.48783017	6.30E-01	0.00299998	0.05585971	0.44880376	5.08E-01	1123.85173	1123.85173	3,737	0.0186%	0.1559%
County	Fresno	2005	Annual	T6 CAIRP heavy	40 MPH	0.327877006	10.4156395	1.3822836	0.10709888	0.01199994	0.13033932	0.30163485	4.44E-01	0.00299998	0.05585971	0.27750406	3.36E-01	1105.45538	1105.45538	109	0.0005%	0.0046%
County	Fresno	2005	Annual	T6 CAIRP small	40 MPH	0.227809864	9.92248328	1.05220215	0.10650429	0.01199994	0.13033932	0.22134375	3.64E-01	0.00299998	0.05585971	0.20363625	2.62E-01	1099.31817	1099.31817	373	0.0019%	0.0155%
County	Fresno	2005	Annual	T6 instate construction heavy	40 MPH	0.555021417	11.5587988	2.14023786	0.10843661	0.01199994	0.13033932	0.4840528	6.26E-01	0.00299998	0.05585971	0.44532857	5.04E-01	1119.26327	1119.26327	3,047	0.0151%	0.1271%
County	Fresno	2005	Annual	T6 instate construction small	40 MPH	0.316435445	10.6416923	1.38250969	0.10679046	0.01199994	0.13033932	0.2868274	4.29E-01	0.00299998	0.05585971	0.26388121	3.23E-01	1102.27194	1102.27194	8,046	0.0400%	0.3356%
County	Fresno	2005	Annual	T6 instate heavy	40 MPH	0.555021417	11.5587988	2.14023786	0.10843661	0.01199994	0.13033932	0.4840528	6.26E-01	0.00299998	0.05585971	0.44532857	5.04E-01	1119.26327	1119.26327	6,094	0.0303%	0.2542%
County	Fresno	2005	Annual	T6 instate small	40 MPH	0.316435445	10.6416923	1.38250969	0.10679046	0.01199994	0.13033932	0.2868274	4.29E-01	0.00299998	0.05585971	0.26388121	3.23E-01	1102.27194	1102.27194	16,093	0.0800%	0.6712%
County	Fresno	2005	Annual	T6 OOS heavy	40 MPH	0.327877006	10.4156395	1.3822836	0.10709888	0.01199994	0.13033932	0.30163485	4.44E-01	0.00299998	0.05585971	0.27750406	3.36E-01	1105.45538	1105.45538	63	0.0003%	0.0026%
County	Fresno	2005	Annual	T6 OOS small	40 MPH	0.227809864	9.92248328	1.05220215	0.10650429	0.01199994	0.13033932	0.22134375	3.64E-01	0.00299998	0.05585971	0.20363625	2.62E-01	1099.31817	1099.31817	214	0.0011%	0.0089%
County	Fresno	2005	Annual	T6 Public	40 MPH	0.334105406	11.0235824	1.25157741	0.10933187	0.01199994	0.13033932	0.35372899	4.96E-01	0.00299998	0.05585971	0.32543067	3.84E-01	1128.50391	1128.50391	784	0.0039%	0.0327%
County	Fresno	2005	Annual	T6 utility	40 MPH	0.164497638	9.92021016	0.71514625	0.10675787	0.01199994	0.13033932	0.19800001	3.40E-01	0.00299998	0.05585971	0.18216001	2.41E-01	1101.93561	1101.93561	153	0.0008%	0.0064%
County	Fresno	2005	Annual	T6TS	40 MPH	1.125528305	4.43177785	23.3568854	0.00742283	0.00799996	0.03674981	0.00698464	5.17E-02	0.00199999	0.01574992	0.00606459	2.38E-02	475.233248	475.233248	4,030	0.0200%	0.1681%
County	Fresno	2005	Annual	T7 Ag	40 MPH	0.842045811	18.9856216	5.13255743	0.15807885	0.03599981	0.06173968	0.78467482	8.82E-01	0.00899995	0.02645986	0.72190083	7.57E-01	1734.49628	1734.49628	8,100	0.0403%	0.3378%
County	Fresno	2005	Annual	T7 CAIRP	40 MPH	0.654835627	18.8666281	3.70512727	0.15456866	0.03599981	0.06173968	0.41932594	5.17E-01	0.00899995	0.02645986	0.38577986	4.21E-01	1695.98134	1695.98134	39,553	0.1966%	1.6496%
County	Fresno	2005	Annual	T7 CAIRP construction	40 MPH	0.654835627	18.8666281	3.70512727	0.15456866	0.03599981	0.06173968	0.41932594	5.17E-01	0.00899995	0.02645986	0.38577986	4.21E-01	1695.98134	1695.98134	1,751	0.0087%	0.0730%
County	Fresno	2005	Annual	T7 NNOOS	40 MPH	0.44249711	14.3323619	2.35665543	0.15417973	0.03599981	0.06173968	0.36580431	4.64E-01	0.00899995	0.02645986	0.33653997	3.72E-01	1691.71378	1691.71378	44,496	0.2212%	1.8558%
County	Fresno	2005	Annual	T7 NOOS	40 MPH	0.654835627	18.8666281	3.70512727	0.15456866	0.03599981	0.06173968	0.41932594	5.17E-01	0.00899995	0.02645986	0.38577986	4.21E-01	1695.98134	1695.98134	14,404	0.0716%	0.6008%
County	Fresno	2005	Annual	T7 other port	40 MPH	0.801537517	20.5166123	4.83898513	0.15347018	0.03599981	0.06173968	0.51125652	6.09E-01	0.00899995	0.02645986	0.470356	5.06E-01	1683.92835	1683.92835	838	0.0042%	0.0349%
County	Fresno	2005	Annual	T7 POAK	40 MPH	0.843388011	20.6143838	5.10540835	0.15383665	0.03599981	0.06173968	0.56102143	6.59E-01	0.00899995	0.02645986	0.51613972	5.52E-01	1687.94949	1687.94949	1,819	0.0090%	0.0759%
County	Fresno	2005	Annual	T7 POLA	40 MPH	1.07043582	20.3485933	6.53730116	0.15757906	0.03599981	0.06173968	0.89952011	9.97E-01	0.00899995	0.02645986	0.8275585	8.63E-01	1729.01251	1729.01251	3,475	0.0173%	0.1449%
County	Fresno	2005	Annual	T7 Public	40 MPH	0.603856803	17.9923053	3.74968428	0.16171138	0.03599981	0.06173968	0.74932213	8.47E-01	0.00899995	0.02645986	0.68937636	7.25E-01	1774.35373	1774.35373	579	0.0029%	0.0241%
County	Fresno	2005	Annual	T7 Single	40 MPH	0.543081019	16.4388759	3.23025169	0.15638563	0.03599981	0.06173968	0.55270164	6.50E-01	0.00899995	0.02645986	0.50848551	5.44E-01	1715.91769	1715.91769	3,637	0.0181%	0.1517%
County	Fresno	2005	Annual	T7 single construction	40 MPH	0.543081019	16.4388759	3.23025169	0.15638563	0.03599981	0.06173968	0.55270164	6.50E-01	0.00899995	0.02645986	0.50848551	5.44E-01	1715.91769	1715.91769	4,530	0.0225%	0.1889%
County	Fresno	2005	Annual	T7 SWCV	40 MPH	0.536017984	17.3038757	3.26107841	0.15820273	0.03599981	0.06173968	0.60222889	7.00E-01	0.00899995	0.02645986	0.55405058	5.90E-01	1735.85556	1735.85556	1,202	0.0060%	0.0501%
County	Fresno	2005	Annual	T7 tractor	40 MPH	0.77114281	18.5475016	4.5663031	0.15578894	0.03599981	0.06173968	0.61066448	7.08E-01	0.00899995	0.02645986	0.56181133	5.97E-01	1709.3706	1709.3706	56,220	0.2795%	2.3447%
County	Fresno	2005	Annual	T7 tractor construction	40 MPH	0.784733148	18.4148186	4.65785653	0.15593476	0.03599981	0.06173968	0.63302071	7.31E-01	0.00899995	0.02645986	0.58237906	6.18E-01	1710.97068	1710.97068	3,377	0.0168%	0.1409%
County	Fresno	2005	Annual	T7 utility	40 MPH	0.316158938	16.5066575	1.86316141	0.15604494	0.03599981	0.06173968	0.38202971	4.80E-01	0.00899995	0.02645986	0.35146734	3.87E-01	1712.17957	1712.17957	78	0.0004%	0.0033%
County	Fresno	2005	Annual	T7IS	40 MPH	2.469883297	9.82520241	67.9437277	0.00719669	0.00799996	0.03674981	0.0039604	4.87E-02	0.00199999	0.01574992	0.00323646	2.10E-02	475.233306	475.233306	632	0.0031%	0.0263%
County	Fresno	2005	Annual	UBUS	40 MPH	0.550506758	11.7547693	4.93253592	0.16576193	0.00799996	0.59870604	0.15892037	7.66E-01	0.00199999	0.25658828	0.14615576	4.05E-01	1977.53695	1977.53695	4,694	0.0233%	0.1958%
																				2,397,699	11.9206%	100%

County	Fresno	2005	Annual	All Other Buses	45 MPH	0.510497321	11.7791366	1.87332155	0.10866285	0.01199994	0.13033932	0.45375638	5.96E-01	0.00299998	0.05585971	0.41745587	4.76E-01	1081.83441	1081.83441	1,212	0.0060%	0.0560%
County	Fresno	2005	Annual	LDA	45 MPH	0.126179358	0.40337975	3.8672357	0.00346441	0.00799996	0.03674981	0.00555679	5.03E-02	0.00199999	0.01574992	0.00505863	2.28E-02	290.795397	290.795397	901,240	4.4807%	41.6187%
County	Fresno	2005	Annual	LDT1	45 MPH	0.351186276	0.91124788	8.81750979	0.00400355	0.00799996	0.03674982	0.00942697	5.42E-02	0.00199999	0.01574992	0.00836739	2.61E-02	332.049503	332.049503	125,719	0.6250%	5.8056%
County	Fresno	2005	Annual	LDT2	45 MPH	0.159387746	0.70063915	4.86850849	0.00467353	0.00799996	0.03674982	0.00492919	4.97E-02	0.00199999	0.01574992	0.00444795	2.22E-02	400.589655	400.589655	357,044	1.7751%	16.4880%
County	Fresno	2005	Annual	LHD1	45 MPH	0.203386865	3.14908378	3.05168324	0.02556549	0.00967085	0.05332926	0.01948018	8.25E-02	0.00241771	0.02285539	0.01791189	4.32E-02	485.692553	485.692553	25,195	0.1253%	1.1635%
County	Fresno	2005	Annual	LHD2	45 MPH	0.233162043	3.95491932	3.86846427	0.03285679	0.01042789	0.06857396	0.02843956	1.07E-01	0.00260697	0.02938884	0.02606135	5.81E-02	502.295047	502.295047	4,756	0.0236%	0.2196%
County	Fresno	2005	Annual	MCY	45 MPH	2.869177475	1.42608208	35.3489328	0.00217133	0.00799048	0.03669061	0.00446881	4.91E-02	0.00199762	0.01572455	0.00343973	2.12E-02	101.351138	101.351138	12,182	0.0606%	0.5625%
County	Fresno	2005	Annual	MDV	45 MPH	0.126508256	0.66939683	4.16109043	0.00577144	0.00799996	0.03674982	0.00345768	4.82E-02	0.00199999	0.01574992	0.00314298	2.09E-02	497.898721	497.898721	433,062	2.1530%	19.9985%
County	Fresno	2005	Annual	MH	45 MPH	0.565092093	3.58968809	18.2355559	0.02257484	0.00860717	0.05095703	0.03605295	9.56E-02	0.00215179	0.02183873	0.0328252	5.68E-02	545.532042	545.532042	3,627	0.0180%	0.1675%
County	Fresno	2005	Annual	Motor Coach	45 MPH	0.533056423	18.4543447	2.95223164	0.155036	0.01199994	0.13033932	0.42805828	5.70E-01	0.00299998	0.05585971	0.39381362	4.53E-01	1640.79963	1640.79963	2,219	0.0110%	0.1025%
County	Fresno	2005	Annual	OBUS	45 MPH	0.334727055	3.1926847	7.28070702	0.00703237	0.00799996	0.03674981	0.00207177	4.68E-02	0.00199999	0.01574992	0.00188319	1.96E-02	452.055852	452.055852	2,101	0.0104%	0.0970%
County	Fresno	2005	Annual	PTO	45 MPH	1.229690181	19.6235964	7.06168235	0.19328222			1.0209861	1.02E+00			0.93930721	9.39E-01	2180.82661	2180.82661		0.0000%	0.0000%
County	Fresno	2005	Annual	SBUS	45 MPH	0.761887523	9.7976506	12.0810285	0.09472335	0.01121195	0.60531192	0.31135806	9.28E-01	0.00280299	0.2594194	0.28621235	5.48E-01	957.311278	957.311278	1,330	0.0066%	0.0614%
County	Fresno	2005	Annual	T6 Ag	45 MPH	0.496950043	11.4416955	1.80490498	0.10888115	0.01199994	0.13033932	0.45943282	6.02E-01	0.00299998	0.05585971	0.4226782	4.82E-01	1084.00778	1084.00778	3,060	0.0152%	0.1413%
County	Fresno	2005	Annual	T6 CAIRP heavy	45 MPH	0.294597034	10.3325839	1.19095704	0.10709888	0.01199994	0.13033932	0.28995759	4.32E-01	0.00299998	0.05585971	0.26676098	3.26E-01	1066.26364	1066.26364	89	0.0004%	0.0041%
County	Fresno	2005	Annual	T6 CAIRP small	45 MPH	0.203237494	9.85326323	0.90997493	0.10650429	0.01199994	0.13033932	0.21684018	3.59E-01	0.00299998	0.05585971	0.19949296	2.58E-01	1060.34401	1060.34401	305	0.0015%	0.0141%
County	Fresno	2005	Annual	T6 instate construction heavy	45 MPH	0.501896655	11.4475404	1.83591895	0.10843661	0.01199994	0.13033932	0.45601207	5.98E-01	0.00299998	0.05585971	0.4195311	4.78E-01	1079.582	1079.582	2,495	0.0124%	0.1152%
County	Fresno	2005	Annual	T6 instate construction small	45 MPH	0.283756485	10.582037	1.18693625	0.10679046	0.01199994	0.13033932	0.27504885	4.17E-01	0.00299998	0.05585971	0.25304494	3.12E-01	1063.19307	1063.19307	6,589	0.0328%	0.3043%
County	Fresno	2005	Annual	T6 instate heavy	45 MPH	0.501896655	11.4475404	1.83591895	0.10843661	0.01199994	0.13033932	0.45601207	5.98E-01	0.00299998	0.05585971	0.4195311	4.78E-01	1079.582	1079.582	4,990	0.0248%	0.2304%
County	Fresno	2005	Annual	T6 instate small	45 MPH	0.283756485	10.582037	1.18693625	0.10679046	0.01199994	0.13033932	0.27504885	4.17E-01	0.00299998	0.05585971	0.25304494	3.12E-01	1063.19307	1063.19307	13,178	0.0655%	0.6086%
County	Fresno	2005	Annual	T6 OOS heavy	45 MPH	0.294597034	10.3325839	1.19095704	0.10709888	0.01199994	0.13033932	0.28995759	4.32E-01	0.00299998	0.05585971	0.26676098	3.26E-01	1066.26364	1066.26364	51	0.0003%	0.0024%
County	Fresno	2005	Annual	T6 OOS small	45 MPH	0.203237494	9.85326323	0.90997493	0.10650429	0.01199994	0.13033932	0.21684018	3.59E-01	0.00299998	0.05585971	0.19949296	2.58E-01	1060.34401	1060.34401	175	0.0009%	0.0081%
County	Fresno	2005	Annual	T6 Public	45 MPH	0.302566062	10.904008	1.07712635	0.10933187	0.01199994	0.13033932	0.33351753	4.76E-01	0.00299998	0.05585971	0.30683613	3.66E-01	1088.49503	1088.49503	642	0.0032%	0.0296%
County	Fresno	2005	Annual	T6 utility	45 MPH	0.147364795	9.86168434	0.61976638	0.10675787	0.01199994	0.13033932	0.19187712	3.34E-01	0.00299998	0.05585971	0.17652695	2.35E-01	1062.86866	1062.86866	125	0.0006%	0.0058%
County	Fresno	2005	Annual	T6TS	45 MPH	0.968215647	4.58200499	22.163783	0.00742283	0.00799996	0.03674981	0.00599373	5.07E-02	0.00199999	0.01574992	0.0052042	2.30E-02	452.055874	452.055874	3,675	0.0183%	0.1697%
County	Fresno	2005	Annual	T7 Ag	45 MPH	0.760248359	18.8612576	4.39067446	0.15807885	0.03599981	0.06173968	0.73427158	8.32E-01	0.00899995	0.02645986	0.67552985	7.11E-01	1673.00313	1673.00313	11,340	0.0564%	0.5237%
County	Fresno	2005	Annual	T7 CAIRP	45 MPH	0.583759209	18.8443503	3.15365892	0.15456866	0.03599981	0.06173968	0.40026217	4.98E-01	0.00899995	0.02645986	0.36824119	4.04E-01	1635.85366	1635.85366	55,377	0.2753%	2.5573%
County	Fresno	2005	Annual	T7 CAIRP construction	45 MPH	0.583759209	18.8443503	3.15365892	0.15456866	0.03599981	0.06173968	0.40026217	4.98E-01	0.00899995	0.02645986	0.36824119	4.04E-01	1635.85366	1635.85366	2,452	0.0122%	0.1132%
County	Fresno	2005	Annual	T7 NNOOS	45 MPH	0.39302573	14.0459637	2.0966055	0.15417973	0.03599981	0.06173968	0.3746921	4.72E-01	0.00899995	0.02645986	0.34471673	3.80E-01	1631.7374	1631.7374	62,297	0.3097%	2.8768%
County	Fresno	2005	Annual	T7 NOOS	45 MPH	0.583759209	18.8443503	3.15365892	0.15456866	0.03599981	0.06173968	0.40026217	4.98E-01	0.00899995	0.02645986	0.36824119	4.04E-01	1635.85366	1635.85366	20,167	0.1003%	0.9313%
County	Fresno	2005	Annual	T7 other port	45 MPH	0.716075801	20.6197526	4.06604541	0.15347018	0.03599981	0.06173968	0.47189146	5.70E-01	0.00899995	0.02645986	0.43414014	4.70E-01	1624.22799	1624.22799	1,173	0.0058%	0.0542%
County	Fresno	2005	Annual	T7 POAK	45 MPH	0.754365824	20.7042206	4.29549416	0.15383665	0.03599981	0.06173968	0.51795026	6.16E-01	0.00899995	0.02645986	0.47651423	5.12E-01	1628.10656	1628.10656	2,547	0.0127%	0.1176%
County	Fresno	2005	Annual	T7 POLA	45 MPH	0.964522561	20.2718291	5.56224019	0.15757906	0.03599981	0.06173968	0.83687266	9.35E-01	0.00899995	0.02645986	0.76992284	8.05E-01	1667.71378	1667.71378	4,865	0.0242%	0.2246%
County	Fresno	2005	Annual	T7 Public	45 MPH	0.548058385	17.7145723	3.22747887	0.16171138	0.03599981	0.06173968	0.70187687	8.00E-01	0.00899995	0.02645986	0.64572672	6.81E-01	1711.44751	1711.44751	810	0.0040%	0.0374%
County	Fresno	2005	Annual	T7 Single	45 MPH	0.488974679	16.2352031	2.79478603	0.15638563	0.03599981	0.06173968	0.52914237	6.27E-01	0.00899995	0.02645986	0.48681098	5.22E-01	1655.08321	1655.08321	5,092	0.0253%	0.2352%
County	Fresno	2005	Annual	T7 single construction	45 MPH	0.488974679	16.2352031	2.79478603	0.15638563	0.03599981	0.06173968	0.52914237	6.27E-01	0.00899995	0.02645986	0.48681098	5.22E-01	1655.08321	1655.08321	6,342	0.0315%	0.2929%
County	Fresno	2005	Annual	T7 SWCV	45 MPH	0.484467646	17.1178944	2.80925797	0.15820273	0.03599981	0.06173968	0.56855436	6.66E-01	0.00899995	0.02645986	0.52307001	5.59E-01	1674.31422	1674.31422	1,683	0.0084%	0.0777%
County	Fresno	2005	Annual	T7 tractor	45 MPH	0.692222133	18.4514827	3.90236835	0.15578894	0.03599981	0.06173968	0.57751557	6.75E-01	0.00899995	0.02645986	0.53131433	5.67E-01	1648.76823	1648.76823	78,711	0.3913%	3.6348%
County	Fresno	2005	Annual	T7 tractor construction	45 MPH	0.704803596	18.3022105	3.98460582	0.15593476	0.03599981	0.06173968	0.59903467	6.97E-01	0.00899995	0.02645986	0.5511119	5.87E-01	1650.31158	1650.31158	4,729	0.0235%	0.2184%
County	Fresno	2005	Annual	T7 utility	45 MPH	0.284183985	16.3826414	1.61066435	0.15604494	0.03599981	0.06173968	0.36506416	4.63E-01	0.00899995	0.02645986	0.33585903	3.71E-01	1651.47762	1651.47762	109	0.0005%	0.0051%
County	Fresno	2005	Annual	T7IS	45 MPH	2.123596672	10.2664359	64.9793605	0.00719669	0.00799996	0.03674981	0.00339853	4.81E-02	0.00199999	0.01574992	0.0027773	2.05E-02	452.055765	452.055765	668	0.0033%	0.0309%
County	Fresno	2005	Annual	UBUS	45 MPH	0.489707154	12.4206094	4.66470836	0.16576193	0.00799996	0.59870604	0.14470522	7.51E-01	0.00199999	0.25658828	0.13308507	3.92E-01	1970.538	1970.538	2,046	0.0102%	0.0945%
																				2,165,471	10.7661%	100%

County	Fresno	2005	Annual	All Other Buses	50 MPH	0.490148344	11.8029443	1.64631456	0.10866285	0.01199994	0.13033932	0.44852125	5.91E-01	0.00299998	0.05585971	0.41263955	4.71E-01	1055.88659	1055.88659	1,357	0.0067%	0.0454%
County	Fresno	2005	Annual	LDA	50 MPH	0.123140859	0.4062829	3.73898329	0.00346441	0.00799996	0.03674981	0.00534793	5.01E-02	0.00199999	0.01574992	0.00486493	2.26E-02	290.492056	290.492056	1,239,597	6.1629%	41.4734%
County	Fresno	2005	Annual	LDT1	50 MPH	0.345553723	0.92950586	8.76155884	0.00400355	0.00799996	0.03674982	0.00910841	5.39E-02	0.00199999	0.01574992	0.00807156	2.58E-02	331.695889	331.695889	172,918	0.8597%	5.7853%
County	Fresno	2005	Annual	LDT2	50 MPH	0.155573542	0.70615742	4.72493439	0.00467353	0.00799996	0.03674982	0.00475643	4.95E-02	0.00199999	0.01574992	0.00428757	2.20E-02	400.168698	400.168698	491,091	2.4416%	16.4305%
County	Fresno	2005	Annual	LHD1	50 MPH	0.187728749	3.34248426	3.0822038	0.02556549	0.00967085	0.05332926	0.01798051	8.10E-02	0.00241771	0.02285539	0.01653323	4.18E-02	487.011971	487.011971	131,920	0.6559%	4.4137%
County	Fresno	2005	Annual	LHD2	50 MPH	0.211157127	4.23505669	3.82354393	0.03285679	0.01042789	0.06857396	0.02628323	1.05E-01	0.00260697	0.02938884	0.0240884	5.61E-02	503.185612	503.185612	22,205	0.1104%	0.7429%
County	Fresno	2005	Annual	MCY	50 MPH	3.18240401	1.47869798	42.637344	0.00217133	0.00799048	0.03669061	0.00496004	4.96E-02	0.00199762	0.01572455	0.00381766	2.15E-02	98.0507808	98.0507808	16,755	0.0833%	0.5606%
County	Fresno	2005	Annual	MDV	50 MPH	0.123282349	0.67404693	4.05080306	0.00577144	0.00799996	0.03674982	0.00333732	4.81E-02	0.00199999	0.01574992	0.00303127	2.08E-02	497.378164	497.378164	595,648	2.9614%	19.9287%
County	Fresno	2005	Annual	MH	50 MPH	0.509267363	3.69665911	18.3940182	0.02257484	0.00860717	0.05095703	0.03675602	9.63E-02	0.00215179	0.02183873	0.03350827	5.75E-02	543.565816	543.565816	3,600	0.0179%	0.1204%
County	Fresno	2005	Annual	Motor Coach	50 MPH	0.526422312	18.5606064	2.60235368	0.155036	0.01199994	0.13033932	0.43884426	5.81E-01	0.00299998	0.05585971	0.40373672	4.63E-01	1601.44502	1601.44502	2,308	0.0115%	0.0772%
County	Fresno	2005	Annual	OBUS	50 MPH	0.296042303	3.34421422	7.29605628	0.00703237	0.00799996	0.03674981	0.00185318	4.66E-02	0.00199999	0.01574992	0.0016845	1.94E-02	454.321748	454.321748	2,045	0.0102%	0.0684%
County	Fresno	2005	Annual	PTO	50 MPH	1.229690181	19.6235964	7.06168235	0.19328222			1.0209861	1.02E+00			0.93930721	9.39E-01	2180.82661	2180.82661		0.0000%	0.0000%
County	Fresno	2005	Annual	SBUS	50 MPH	0.699783334	9.82698685	11.9647523	0.09472335	0.01121195	0.60531192	0.30784461	9.24E-01	0.00280299	0.2594194	0.28300499	5.45E-01	936.932504	936.932504	666	0.0033%	0.0223%
County	Fresno	2005	Annual	T6 Ag	50 MPH	0.475873659	11.444116	1.58906196	0.10888115	0.01199994	0.13033932	0.45400705	5.96E-01	0.00299998	0.05585971	0.41768649	4.77E-01	1058.00783	1058.00783	3,425	0.0170%	0.1146%
County	Fresno	2005	Annual	T6 CAIRP heavy	50 MPH	0.285870653	10.3430678	1.05952194	0.10709888	0.01199994	0.13033932	0.29785599	4.40E-01	0.00299998	0.05585971	0.27402751	3.33E-01	1040.68928	1040.68928	100	0.0005%	0.0033%
County	Fresno	2005	Annual	T6 CAIRP small	50 MPH	0.199832009	9.86788093	0.81712369	0.10650429	0.01199994	0.13033932	0.23016011	3.72E-01	0.00299998	0.05585971	0.2117473	2.71E-01	1034.91164	1034.91164	342	0.0017%	0.0114%
County	Fresno	2005	Annual	T6 instate construction heavy	50 MPH	0.481311514	11.4510358	1.6160847	0.10843661	0.01199994	0.13033932	0.45177523	5.94E-01	0.00299998	0.05585971	0.41563321	4.74E-01	1053.6882	1053.6882	2,792	0.0139%	0.0934%
County	Fresno	2005	Annual	T6 instate construction small	50 MPH	0.277255609	10.6105082	1.05407872	0.10679046	0.01199994	0.13033932	0.28407907	4.26E-01	0.00299998	0.05585971	0.26135274	3.20E-01	1037.69236	1037.69236	7,374	0.0367%	0.2467%
County	Fresno	2005	Annual	T6 instate heavy	50 MPH	0.481311514	11.4510358	1.6160847	0.10843661	0.01199994	0.13033932	0.45177523	5.94E-01	0.00299998	0.05585971	0.41563321	4.74E-01	1053.6882	1053.6882	5,585	0.0278%	0.1869%
County	Fresno	2005	Annual	T6 instate small	50 MPH	0.277255609	10.6105082	1.05407872	0.10679046	0.01199994	0.13033932	0.28407907	4.26E-01	0.00299998	0.05585971	0.26135274	3.20E-01	1037.69236	1037.69236	14,749	0.0733%	0.4934%
County	Fresno	2005	Annual	T6 OOS heavy	50 MPH	0.285870653	10.3430678	1.05952194	0.10709888	0.01199994	0.13033932	0.29785599	4.40E-01	0.00299998	0.05585971	0.27402751	3.33E-01	1040.68928	1040.68928	57	0.0003%	0.0019%
County	Fresno	2005	Annual	T6 OOS small	50 MPH	0.199832009	9.86788093	0.81712369	0.10650429	0.01199994	0.13033932	0.23016011	3.72E-01	0.00299998	0.05585971	0.2117473	2.71E-01	1034.91164	1034.91164	196	0.0010%	0.0066%
County	Fresno	2005	Annual	T6 Public	50 MPH	0.28860218	10.899245	0.94965621	0.10933187	0.01199994	0.13033932	0.32924354	4.72E-01	0.00299998	0.05585971	0.30290406	3.62E-01	1062.38745	1062.38745	718	0.0036%	0.0240%
County	Fresno	2005	Annual	T6 utility	50 MPH	0.143369623	9.88598971	0.55588238	0.10675787	0.01199994	0.13033932	0.19998569	3.42E-01	0.00299998	0.05585971	0.18398684	2.43E-01	1037.37573	1037.37573	140	0.0007%	0.0047%
County	Fresno	2005	Annual	T6TS	50 MPH	0.863351387	4.80256511	22.3230413	0.00742283	0.00799996	0.03674981	0.00536134	5.01E-02	0.00199999	0.01574992	0.00465512	2.24E-02	454.321794	454.321794	3,577	0.0178%	0.1197%
County	Fresno	2005	Annual	T7 Ag	50 MPH	0.734102652	18.9100066	3.84976261	0.15807885	0.03599981	0.06173968	0.72072484	8.18E-01	0.00899995	0.02645986	0.66306686	6.99E-01	1632.87612	1632.87612	11,793	0.0586%	0.3946%
County	Fresno	2005	Annual	T7 CAIRP	50 MPH	0.581871427	18.9531559	2.78766485	0.15456866	0.03599981	0.06173968	0.41981332	5.18E-01	0.00899995	0.02645986	0.38622826	4.22E-01	1596.61768	1596.61768	57,591	0.2863%	1.9268%
County	Fresno	2005	Annual	T7 CAIRP construction	50 MPH	0.581871427	18.9531559	2.78766485	0.15456866	0.03599981	0.06173968	0.41981332	5.18E-01	0.00899995	0.02645986	0.38622826	4.22E-01	1596.61768	1596.61768	2,550	0.0127%	0.0853%
County	Fresno	2005	Annual	T7 NNOOS	50 MPH	0.381594703	13.9273657	1.93899527	0.15417973	0.03599981	0.06173968	0.4092676	5.07E-01	0.00899995	0.02645986	0.37652619	4.12E-01	1592.60015	1592.60015	64,787	0.3221%	2.1676%
County	Fresno	2005	Annual	T7 NOOS	50 MPH	0.581871427	18.9531559	2.78766485	0.15456866	0.03599981	0.06173968	0.41981332	5.18E-01	0.00899995	0.02645986	0.38622826	4.22E-01	1596.61768	1596.61768	20,973	0.1043%	0.7017%
County	Fresno	2005	Annual	T7 other port	50 MPH	0.717756824	20.8343616	3.54077002	0.15347018	0.03599981	0.06173968	0.48218574	5.80E-01	0.00899995	0.02645986	0.44361088	4.79E-01	1585.27084	1585.27084	1,220	0.0061%	0.0408%
County	Fresno	2005	Annual	T7 POAK	50 MPH	0.753454379	20.9110172	3.7407451	0.15383665	0.03599981	0.06173968	0.52568957	6.23E-01	0.00899995	0.02645986	0.48363441	5.19E-01	1589.05639	1589.05639	2,649	0.0132%	0.0886%
County	Fresno	2005	Annual	T7 POLA	50 MPH	0.939660779	20.3646556	4.86109597	0.15757906	0.03599981	0.06173968	0.82406473	9.22E-01	0.00899995	0.02645986	0.75813955	7.94E-01	1627.71363	1627.71363	5,059	0.0252%	0.1693%
County	Fresno	2005	Annual	T7 Public	50 MPH	0.520326989	17.655117	2.83271697	0.16171138	0.03599981	0.06173968	0.67843736	7.76E-01	0.00899995	0.02645986	0.62416237	6.60E-01	1670.39841	1670.39841	842	0.0042%	0.0282%
County	Fresno	2005	Annual	T7 Single	50 MPH	0.470446882	16.2030357	2.48409878	0.15638563	0.03599981	0.06173968	0.53232415	6.30E-01	0.00899995	0.02645986	0.48973822	5.25E-01	1615.386	1615.386	5,296	0.0263%	0.1772%
County	Fresno	2005	Annual	T7 single construction	50 MPH	0.470446882	16.2030357	2.48409878	0.15638563	0.03599981	0.06173968	0.53232415	6.30E-01	0.00899995	0.02645986	0.48973822	5.25E-01	1615.386	1615.386	6,596	0.0328%	0.2207%
County	Fresno	2005	Annual	T7 SWCV	50 MPH	0.463884324	17.1101139	2.47736446	0.15820273	0.03599981	0.06173968	0.56019237	6.58E-01	0.00899995	0.02645986	0.51537698	5.51E-01	1634.15576	1634.15576	1,750	0.0087%	0.0585%
County	Fresno	2005	Annual	T7 tractor	50 MPH	0.677444528	18.5102982	3.43795691	0.15578894	0.03599981	0.06173968	0.58273165	6.80E-01	0.00899995	0.02645986	0.53611312	5.72E-01	1609.22249	1609.22249	81,857	0.4070%	2.7387%
County	Fresno	2005	Annual	T7 tractor construction	50 MPH	0.688362156	18.3485313	3.51191847	0.15593476	0.03599981	0.06173968	0.60334127	7.01E-01	0.00899995	0.02645986	0.55507397	5.91E-01	1610.72883	1610.72883	4,918	0.0244%	0.1645%
County	Fresno	2005	Annual	T7 utility	50 MPH	0.274643793	16.4080793	1.43283859	0.15604494	0.03599981	0.06173968	0.36930761	4.67E-01	0.00899995	0.02645986	0.339763	3.75E-01	1611.8669	1611.8669	114	0.0006%	0.0038%
County	Fresno	2005	Annual	T7IS	50 MPH	1.895585584	10.6319641	65.1479609	0.00719669	0.00799996	0.03674981	0.00303996	4.78E-02	0.00199999	0.01574992	0.00248427	2.02E-02	454.321717	454.321717	699	0.0035%	0.0234%
County	Fresno	2005	Annual	UBUS	50 MPH	0.452620959	13.7322025	4.66708059	0.16576193	0.00799996	0.59870604	0.13645932	7.43E-01	0.00199999	0.25658828	0.12550345	3.84E-01	1971.22221	1971.22221	1,040	0.0052%	0.0348%
																				2,988,899	14.8599%	100%

County	Fresno	2005	Annual	All Other Buses	55 MPH	0.503517354	11.9366446	1.50660145	0.10866285	0.01199994	0.13033932	0.46754468	6.10E-01	0.00299998	0.05585971	0.43014111	4.89E-01	1043.75502	1043.75502	1,988	0.0099%	0.0880%
County	Fresno	2005	Annual	LDA	55 MPH	0.126011647	0.41666045	3.70049847	0.00346441	0.00799996	0.03674981	0.0053978	5.01E-02	0.00199999	0.01574992	0.00490682	2.27E-02	301.148369	301.148369	884,078	4.3954%	39.1204%
County	Fresno	2005	Annual	LDT1	55 MPH	0.356105504	0.96535889	9.01230857	0.00400355	0.00799996	0.03674982	0.00921078	5.40E-02	0.00199999	0.01574992	0.00814865	2.59E-02	343.877502	343.877502	123,325	0.6131%	5.4571%
County	Fresno	2005	Annual	LDT2	55 MPH	0.159117761	0.7262439	4.70219833	0.00467353	0.00799996	0.03674982	0.00481359	4.96E-02	0.00199999	0.01574992	0.00433469	2.21E-02	414.889794	414.889794	350,245	1.7413%	15.4983%
County	Fresno	2005	Annual	LHD1	55 MPH	0.171281663	3.72867017	3.22945499	0.02556549	0.00967085	0.05332926	0.0169958	8.00E-02	0.00241771	0.02285539	0.0156279	4.09E-02	503.370222	503.370222	55,691	0.2769%	2.4643%
County	Fresno	2005	Annual	LHD2	55 MPH	0.199408013	4.74731923	4.1546514	0.03285679	0.01042789	0.06857396	0.02485715	1.04E-01	0.00260697	0.02938884	0.02278264	5.48E-02	514.226779	514.226779	10,739	0.0534%	0.4752%
County	Fresno	2005	Annual	MCY	55 MPH	3.697660372	1.53279238	54.2517455	0.00217133	0.00799048	0.03669061	0.00576155	5.04E-02	0.00199762	0.01572455	0.00443446	2.22E-02	96.5621063	96.5621063	11,950	0.0594%	0.5288%
County	Fresno	2005	Annual	MDV	55 MPH	0.125985103	0.69256613	4.04871587	0.00577144	0.00799996	0.03674982	0.00338066	4.81E-02	0.00199999	0.01574992	0.00306843	2.08E-02	515.679917	515.679917	424,815	2.1121%	18.7980%
County	Fresno	2005	Annual	MH	55 MPH	0.474313721	3.8085615	19.6286876	0.02257484	0.00860717	0.05095703	0.03958234	9.91E-02	0.00215179	0.02183873	0.03612925	6.01E-02	565.577009	565.577009	4,793	0.0238%	0.2121%
County	Fresno	2005	Annual	Motor Coach	55 MPH	0.575789104	18.7990789	2.41429054	0.155036	0.01199994	0.13033932	0.48452817	6.27E-01	0.00299998	0.05585971	0.44576592	5.05E-01	1583.04526	1583.04526	2,814	0.0140%	0.1245%
County	Fresno	2005	Annual	OBUS	55 MPH	0.26900795	3.48438033	7.74369958	0.00703237	0.00799996	0.03674981	0.0017279	4.65E-02	0.00199999	0.01574992	0.00157062	1.93E-02	482.415589	482.415589	2,675	0.0133%	0.1184%
County	Fresno	2005	Annual	PTO	55 MPH	1.229690181	19.6235964	7.06168235	0.19328222			1.0209861	1.02E+00			0.93930721	9.39E-01	2180.82661	2180.82661		0.0000%	0.0000%
County	Fresno	2005	Annual	SBUS	55 MPH	0.682727556	9.97959895	12.7394097	0.09472335	0.01121195	0.60531192	0.31947608	9.36E-01	0.00280299	0.2594194	0.29372027	5.56E-01	932.730385	932.730385	991	0.0049%	0.0439%
County	Fresno	2005	Annual	T6 Ag	55 MPH	0.486077349	11.5622582	1.45516482	0.10888115	0.01199994	0.13033932	0.47155286	6.14E-01	0.00299998	0.05585971	0.43382864	4.93E-01	1045.85189	1045.85189	5,019	0.0250%	0.2221%
County	Fresno	2005	Annual	T6 CAIRP heavy	55 MPH	0.301697862	10.4470913	0.9879783	0.10709888	0.01199994	0.13033932	0.32533003	4.68E-01	0.00299998	0.05585971	0.29930363	3.58E-01	1028.73231	1028.73231	147	0.0007%	0.0065%
County	Fresno	2005	Annual	T6 CAIRP small	55 MPH	0.217593408	9.96633638	0.77364844	0.10650429	0.01199994	0.13033932	0.26130353	4.04E-01	0.00299998	0.05585971	0.24039925	2.99E-01	1023.02105	1023.02105	501	0.0025%	0.0222%
County	Fresno	2005	Annual	T6 instate construction heavy	55 MPH	0.493265991	11.5692849	1.48073509	0.10843661	0.01199994	0.13033932	0.47134228	6.14E-01	0.00299998	0.05585971	0.4336349	4.92E-01	1041.58189	1041.58189	4,092	0.0203%	0.1811%
County	Fresno	2005	Annual	T6 instate construction small	55 MPH	0.296932819	10.7271058	0.98393709	0.10679046	0.01199994	0.13033932	0.31391807	4.56E-01	0.00299998	0.05585971	0.28880462	3.48E-01	1025.76982	1025.76982	10,806	0.0537%	0.4782%
County	Fresno	2005	Annual	T6 instate heavy	55 MPH	0.493265991	11.5692849	1.48073509	0.10843661	0.01199994	0.13033932	0.47134228	6.14E-01	0.00299998	0.05585971	0.4336349	4.92E-01	1041.58189	1041.58189	8,184	0.0407%	0.3621%
County	Fresno	2005	Annual	T6 instate small	55 MPH	0.296932819	10.7271058	0.98393709	0.10679046	0.01199994	0.13033932	0.31391807	4.56E-01	0.00299998	0.05585971	0.28880462	3.48E-01	1025.76982	1025.76982	21,613	0.1075%	0.9564%
County	Fresno	2005	Annual	T6 OOS heavy	55 MPH	0.301697862	10.4470913	0.9879783	0.10709888	0.01199994	0.13033932	0.32533003	4.68E-01	0.00299998	0.05585971	0.29930363	3.58E-01	1028.73231	1028.73231	84	0.0004%	0.0037%
County	Fresno	2005	Annual	T6 OOS small	55 MPH	0.217593408	9.96633638	0.77364844	0.10650429	0.01199994	0.13033932	0.26130353	4.04E-01	0.00299998	0.05585971	0.24039925	2.99E-01	1023.02105	1023.02105	287	0.0014%	0.0127%
County	Fresno	2005	Annual	T6 Public	55 MPH	0.292213761	11.0092933	0.86916698	0.10933187	0.01199994	0.13033932	0.34090702	4.83E-01	0.00299998	0.05585971	0.31363446	3.72E-01	1050.18118	1050.18118	1,053	0.0052%	0.0466%
County	Fresno	2005	Annual	T6 utility	55 MPH	0.152512122	9.99312628	0.52349425	0.10675787	0.01199994	0.13033932	0.22232571	3.65E-01	0.00299998	0.05585971	0.20453965	2.63E-01	1025.45683	1025.45683	206	0.0010%	0.0091%
County	Fresno	2005	Annual	T6TS	55 MPH	0.795451178	5.00528182	23.7919837	0.00742283	0.00799996	0.03674981	0.00499888	4.97E-02	0.00199999	0.01574992	0.0043404	2.21E-02	482.415559	482.415559	4,678	0.0233%	0.2070%
County	Fresno	2005	Annual	T7 Ag	55 MPH	0.76360869	19.1318686	3.50982186	0.15807885	0.03599981	0.06173968	0.74403462	8.42E-01	0.00899995	0.02645986	0.68451185	7.20E-01	1614.11524	1614.11524	14,381	0.0715%	0.6364%
County	Fresno	2005	Annual	T7 CAIRP	55 MPH	0.649172281	19.1930448	2.60714507	0.15456866	0.03599981	0.06173968	0.4779794	5.76E-01	0.00899995	0.02645986	0.43974105	4.75E-01	1578.27339	1578.27339	70,228	0.3492%	3.1076%
County	Fresno	2005	Annual	T7 CAIRP construction	55 MPH	0.649172281	19.1930448	2.60714507	0.15456866	0.03599981	0.06173968	0.4779794	5.76E-01	0.00899995	0.02645986	0.43974105	4.75E-01	1578.27339	1578.27339	3,109	0.0155%	0.1376%
County	Fresno	2005	Annual	T7 NNOOS	55 MPH	0.408204031	13.9765678	1.88382475	0.15417973	0.03599981	0.06173968	0.46953081	5.67E-01	0.00899995	0.02645986	0.43196835	4.67E-01	1574.30202	1574.30202	79,004	0.3928%	3.4959%
County	Fresno	2005	Annual	T7 NOOS	55 MPH	0.649172281	19.1930448	2.60714507	0.15456866	0.03599981	0.06173968	0.4779794	5.76E-01	0.00899995	0.02645986	0.43974105	4.75E-01	1578.27339	1578.27339	25,575	0.1272%	1.1317%
County	Fresno	2005	Annual	T7 other port	55 MPH	0.806580589	21.1604392	3.26315896	0.15347018	0.03599981	0.06173968	0.54213937	6.40E-01	0.00899995	0.02645986	0.49876822	5.34E-01	1567.05693	1567.05693	1,487	0.0074%	0.0658%
County	Fresno	2005	Annual	T7 POAK	55 MPH	0.840653675	21.2347735	3.44116118	0.15383665	0.03599981	0.06173968	0.58423939	6.82E-01	0.00899995	0.02645986	0.53750024	5.73E-01	1570.79898	1570.79898	3,230	0.0161%	0.1429%
County	Fresno	2005	Annual	T7 POLA	55 MPH	0.995850472	20.6270727	4.4338685	0.15757906	0.03599981	0.06173968	0.86109633	9.59E-01	0.00899995	0.02645986	0.79220862	8.28E-01	1609.01207	1609.01207	6,169	0.0307%	0.2730%
County	Fresno	2005	Annual	T7 Public	55 MPH	0.520662615	17.8139393	2.5653986	0.16171138	0.03599981	0.06173968	0.67900361	7.77E-01	0.00899995	0.02645986	0.62468332	6.60E-01	1651.20642	1651.20642	1,027	0.0051%	0.0455%
County	Fresno	2005	Annual	T7 Single	55 MPH	0.487497628	16.3423736	2.29818992	0.15638563	0.03599981	0.06173968	0.56224698	6.60E-01	0.00899995	0.02645986	0.51726722	5.53E-01	1596.82608	1596.82608	6,458	0.0321%	0.2858%
County	Fresno	2005	Annual	T7 single construction	55 MPH	0.487497628	16.3423736	2.29818992	0.15638563	0.03599981	0.06173968	0.56224698	6.60E-01	0.00899995	0.02645986	0.51726722	5.53E-01	1596.82608	1596.82608	8,043	0.0400%	0.3559%
County	Fresno	2005	Annual	T7 SWCV	55 MPH	0.474268019	17.280534	2.26539787	0.15820273	0.03599981	0.06173968	0.57714292	6.75E-01	0.00899995	0.02645986	0.53097149	5.66E-01	1615.38018	1615.38018	2,134	0.0106%	0.0944%
County	Fresno	2005	Annual	T7 tractor	55 MPH	0.726809996	18.7239481	3.17306878	0.15578894	0.03599981	0.06173968	0.62631271	7.24E-01	0.00899995	0.02645986	0.57620769	6.12E-01	1590.73338	1590.73338	99,820	0.4963%	4.4170%
County	Fresno	2005	Annual	T7 tractor construction	55 MPH	0.735408829	18.5537813	3.23979451	0.15593476	0.03599981	0.06173968	0.64594053	7.44E-01	0.00899995	0.02645986	0.59426529	6.30E-01	1592.22241	1592.22241	5,997	0.0298%	0.2654%
County	Fresno	2005	Annual	T7 utility	55 MPH	0.287538362	16.5829713	1.32968414	0.15604494	0.03599981	0.06173968	0.39476006	4.92E-01	0.00899995	0.02645986	0.36317925	3.99E-01	1593.3474	1593.3474	139	0.0007%	0.0061%
County	Fresno	2005	Annual	T7IS	55 MPH	1.764388173	10.9384815	68.9997347	0.00719669	0.00799996	0.03674981	0.00283444	4.76E-02	0.00199999	0.01574992	0.00231632	2.01E-02	482.415539	482.415539	1,027	0.0051%	0.0454%
County	Fresno	2005	Annual	UBUS	55 MPH	0.434557963	15.8998027	4.93981339	0.16576193	0.00799996	0.59870604	0.13327076	7.40E-01	0.00199999	0.25658828	0.12257262	3.81E-01	1979.70592	1979.70592	1,289	0.0064%	0.0570%
																				2,259,890	11.2355%	100%

County	Fresno	2005	Annual	All Other Buses	60 MPH	0.550604353	12.1802374	1.45418221	0.10866285	0.01199994	0.13033932	0.51082669	6.53E-01	0.00299998	0.05585971	0.46996055	5.29E-01	1045.43968	1045.43968	2,389	0.0119%	0.1016%
County	Fresno	2005	Annual	LDA	60 MPH	0.135015582	0.43480385	3.76071156	0.00346441	0.00799996	0.03674981	0.00571728	5.05E-02	0.00199999	0.01574992	0.00519377	2.29E-02	323.736078	323.736078	1,068,596	5.3127%	45.4495%
County	Fresno	2005	Annual	LDT1	60 MPH	0.383918653	1.02049921	9.62952349	0.00400355	0.00799996	0.03674982	0.00975417	5.45E-02	0.00199999	0.01574992	0.0086148	2.64E-02	369.752201	369.752201	149,064	0.7411%	6.3400%
County	Fresno	2005	Annual	LDT2	60 MPH	0.170309418	0.76175459	4.81444881	0.00467353	0.00799996	0.03674982	0.00511151	4.99E-02	0.00199999	0.01574992	0.00459851	2.23E-02	446.108847	446.108847	423,345	2.1047%	18.0057%
County	Fresno	2005	Annual	LHD1	60 MPH	0.147764022	3.96606454	3.07981619	0.02556549	0.00967085	0.05332926	0.01571722	7.87E-02	0.00241771	0.02285539	0.01445867	3.97E-02	536.334151	536.334151		0.0000%	0.0000%
County	Fresno	2005	Annual	LHD2	60 MPH	0.164918866	5.19390366	3.29631737	0.03285679	0.01042789	0.06857396	0.0249538	1.04E-01	0.00260697	0.02938884	0.02291673	5.49E-02	538.422581	538.422581		0.0000%	0.0000%
County	Fresno	2005	Annual	MCY	60 MPH	4.4987328	1.58845506	72.6877999	0.00217133	0.00799048	0.03669061	0.00700411	5.17E-02	0.00199762	0.01572455	0.00539079	2.31E-02	96.8765446	96.8765446	14,444	0.0718%	0.6143%
County	Fresno	2005	Annual	MDV	60 MPH	0.134809801	0.72568978	4.17022862	0.00577144	0.00799996	0.03674982	0.00359574	4.83E-02	0.00199999	0.01574992	0.00326147	2.10E-02	554.469653	554.469653	513,479	2.5529%	21.8393%
County	Fresno	2005	Annual	MH	60 MPH	0.458776526	3.90907389	21.9571363	0.02257484	0.00860717	0.05095703	0.04449411	1.04E-01	0.00215179	0.02183873	0.04065613	6.46E-02	615.697976	615.697976	5,568	0.0277%	0.2368%
County	Fresno	2005	Annual	Motor Coach	60 MPH	0.681156798	19.1697621	2.38804222	0.155036	0.01199994	0.13033932	0.56510999	7.07E-01	0.00299998	0.05585971	0.51990119	5.79E-01	1585.60037	1585.60037	857	0.0043%	0.0365%
County	Fresno	2005	Annual	OBUS	60 MPH	0.256533462	3.59370038	8.69174789	0.00703237	0.00799996	0.03674981	0.00167935	4.64E-02	0.00199999	0.01574992	0.00152649	1.93E-02	541.209119	541.209119	3,087	0.0153%	0.1313%
County	Fresno	2005	Annual	PTO	60 MPH	1.229690181	19.6235964	7.06168235	0.19328222			1.0209861	1.02E+00			0.93930721	9.39E-01	2180.82661	2180.82661		0.0000%	0.0000%
County	Fresno	2005	Annual	SBUS	60 MPH	0.695530836	10.18897	14.0998664	0.09472335	0.01121195	0.60531192	0.34623356	9.63E-01	0.00280299	0.2594194	0.31834271	5.81E-01	945.664745	945.664745	552	0.0027%	0.0235%
County	Fresno	2005	Annual	T6 Ag	60 MPH	0.527561115	11.796122	1.40321355	0.10888115	0.01199994	0.13033932	0.51207025	6.54E-01	0.00299998	0.05585971	0.47110463	5.30E-01	1047.53994	1047.53994	6,031	0.0300%	0.2565%
County	Fresno	2005	Annual	T6 CAIRP heavy	60 MPH	0.342078661	10.6446545	0.97632612	0.10709888	0.01199994	0.13033932	0.37237973	5.15E-01	0.00299998	0.05585971	0.34258935	4.01E-01	1030.39274	1030.39274	176	0.0009%	0.0075%
County	Fresno	2005	Annual	T6 CAIRP small	60 MPH	0.256521692	10.1486296	0.77954917	0.10650429	0.01199994	0.13033932	0.31027045	4.53E-01	0.00299998	0.05585971	0.28544882	3.44E-01	1024.67226	1024.67226	602	0.0030%	0.0256%
County	Fresno	2005	Annual	T6 instate construction heavy	60 MPH	0.537760089	11.8022878	1.42987014	0.10843661	0.01199994	0.13033932	0.51471323	6.57E-01	0.00299998	0.05585971	0.47353617	5.32E-01	1043.26305	1043.26305	4,917	0.0244%	0.2091%
County	Fresno	2005	Annual	T6 instate construction small	60 MPH	0.342788113	10.9318299	0.97651136	0.10679046	0.01199994	0.13033932	0.36456584	5.07E-01	0.00299998	0.05585971	0.33540058	3.94E-01	1027.42546	1027.42546	12,985	0.0646%	0.5523%
County	Fresno	2005	Annual	T6 instate heavy	60 MPH	0.537760089	11.8022878	1.42987014	0.10843661	0.01199994	0.13033932	0.51471323	6.57E-01	0.00299998	0.05585971	0.47353617	5.32E-01	1043.26305	1043.26305	9,834	0.0489%	0.4183%
County	Fresno	2005	Annual	T6 instate small	60 MPH	0.342788113	10.9318299	0.97651136	0.10679046	0.01199994	0.13033932	0.36456584	5.07E-01	0.00299998	0.05585971	0.33540058	3.94E-01	1027.42546	1027.42546	25,971	0.1291%	1.1046%
County	Fresno	2005	Annual	T6 OOS heavy	60 MPH	0.342078661	10.6446545	0.97632612	0.10709888	0.01199994	0.13033932	0.37237973	5.15E-01	0.00299998	0.05585971	0.34258935	4.01E-01	1030.39274	1030.39274	101	0.0005%	0.0043%
County	Fresno	2005	Annual	T6 OOS small	60 MPH	0.256521692	10.1486296	0.77954917	0.10650429	0.01199994	0.13033932	0.31027045	4.53E-01	0.00299998	0.05585971	0.28544882	3.44E-01	1024.67226	1024.67226	345	0.0017%	0.0147%
County	Fresno	2005	Annual	T6 Public	60 MPH	0.313400803	11.2341529	0.83565866	0.10933187	0.01199994	0.13033932	0.36850797	5.11E-01	0.00299998	0.05585971	0.33902733	3.98E-01	1051.87623	1051.87623	1,265	0.0063%	0.0538%
County	Fresno	2005	Annual	T6 utility	60 MPH	0.174792293	10.1830941	0.522602	0.10675787	0.01199994	0.13033932	0.25889718	4.01E-01	0.00299998	0.05585971	0.23818541	2.97E-01	1027.11197	1027.11197	247	0.0012%	0.0105%
County	Fresno	2005	Annual	T6TS	60 MPH	0.764549292	5.16138616	26.6490775	0.00742283	0.00799996	0.03674981	0.00485842	4.96E-02	0.00199999	0.01574992	0.00421845	2.20E-02	541.20923	541.20923	5,399	0.0268%	0.2296%
County	Fresno	2005	Annual	T7 Ag	60 MPH	0.848766474	19.5268437	3.37085223	0.15807885	0.03599981	0.06173968	0.8042009	9.02E-01	0.00899995	0.02645986	0.73986483	7.75E-01	1616.7205	1616.7205	4,381	0.0218%	0.1863%
County	Fresno	2005	Annual	T7 CAIRP	60 MPH	0.785661772	19.5640172	2.61209959	0.15456866	0.03599981	0.06173968	0.57476041	6.72E-01	0.00899995	0.02645986	0.52877957	5.64E-01	1580.82079	1580.82079	21,394	0.1064%	0.9099%
County	Fresno	2005	Annual	T7 CAIRP construction	60 MPH	0.785661772	19.5640172	2.61209959	0.15456866	0.03599981	0.06173968	0.57476041	6.72E-01	0.00899995	0.02645986	0.52877957	5.64E-01	1580.82079	1580.82079	947	0.0047%	0.0403%
County	Fresno	2005	Annual	T7 NNOOS	60 MPH	0.472853712	14.19357	1.93109392	0.15417973	0.03599981	0.06173968	0.55548174	6.53E-01	0.00899995	0.02645986	0.5110432	5.47E-01	1576.84301	1576.84301	24,067	0.1197%	1.0236%
County	Fresno	2005	Annual	T7 NOOS	60 MPH	0.785661772	19.5640172	2.61209959	0.15456866	0.03599981	0.06173968	0.57476041	6.72E-01	0.00899995	0.02645986	0.52877957	5.64E-01	1580.82079	1580.82079	7,791	0.0387%	0.3314%
County	Fresno	2005	Annual	T7 other port	60 MPH	0.982547093	21.5979856	3.23321222	0.15347018	0.03599981	0.06173968	0.65175235	7.49E-01	0.00899995	0.02645986	0.59961216	6.35E-01	1569.58623	1569.58623	453	0.0023%	0.0193%
County	Fresno	2005	Annual	T7 POAK	60 MPH	1.015963712	21.6754895	3.39674239	0.15383665	0.03599981	0.06173968	0.6935997	7.91E-01	0.00899995	0.02645986	0.63811172	6.74E-01	1573.33432	1573.33432	984	0.0049%	0.0419%
County	Fresno	2005	Annual	T7 POLA	60 MPH	1.133091641	21.0590806	4.28055779	0.15757906	0.03599981	0.06173968	0.94796745	1.05E+00	0.00899995	0.02645986	0.87213005	9.08E-01	1611.60909	1611.60909	1,879	0.0093%	0.0799%
County	Fresno	2005	Annual	T7 Public	60 MPH	0.549065263	18.1910392	2.42552374	0.16171138	0.03599981	0.06173968	0.70357563	8.01E-01	0.00899995	0.02645986	0.64728958	6.83E-01	1653.87154	1653.87154	313	0.0016%	0.0133%
County	Fresno	2005	Annual	T7 Single	60 MPH	0.540126918	16.653217	2.23705946	0.15638563	0.03599981	0.06173968	0.61891085	7.17E-01	0.00899995	0.02645986	0.56939798	6.05E-01	1599.40343	1599.40343	1,967	0.0098%	0.0837%
County	Fresno	2005	Annual	T7 single construction	60 MPH	0.540126918	16.653217	2.23705946	0.15638563	0.03599981	0.06173968	0.61891085	7.17E-01	0.00899995	0.02645986	0.56939798	6.05E-01	1599.40343	1599.40343	2,450	0.0122%	0.1042%
County	Fresno	2005	Annual	T7 SWCV	60 MPH	0.515618729	17.6291548	2.17335819	0.15820273	0.03599981	0.06173968	0.61940602	7.17E-01	0.00899995	0.02645986	0.56985354	6.05E-01	1617.98747	1617.98747	650	0.0032%	0.0276%
County	Fresno	2005	Annual	T7 tractor	60 MPH	0.840318537	19.0924324	3.10770395	0.15578894	0.03599981	0.06173968	0.70825876	8.06E-01	0.00899995	0.02645986	0.65159806	6.87E-01	1593.3009	1593.3009	30,409	0.1512%	1.2933%
County	Fresno	2005	Annual	T7 tractor construction	60 MPH	0.845943614	18.9179602	3.16823391	0.15593476	0.03599981	0.06173968	0.72683243	8.25E-01	0.00899995	0.02645986	0.66868584	7.04E-01	1594.79233	1594.79233	1,827	0.0091%	0.0777%
County	Fresno	2005	Annual	T7 utility	60 MPH	0.322867691	16.9073174	1.30120099	0.15604494	0.03599981	0.06173968	0.44142151	5.39E-01	0.00899995	0.02645986	0.40610779	4.42E-01	1595.91914	1595.91914	42	0.0002%	0.0018%
County	Fresno	2005	Annual	T7IS	60 MPH	1.712518344	11.3820321	77.6709201	0.00719669	0.00799996	0.03674981	0.0027548	4.75E-02	0.00199999	0.01574992	0.00225124	2.00E-02	541.209189	541.209189	253	0.0013%	0.0108%
County	Fresno	2005	Annual	UBUS	60 MPH	0.433292302	19.3052023	5.53100739	0.16576193	0.00799996	0.59870604	0.13479623	7.42E-01	0.00199999	0.25658828	0.12397708	3.83E-01	1997.45989	1997.45989	2,110	0.0105%	0.0897%
																				2,351,172	11.6893%	100%

County	Fresno	2005	Annual	All Other Buses	65 MPH	0.631409341	12.5337228	1.48905684	0.10866285	0.01199994	0.13033932	0.57836725	7.21E-01	0.00299998	0.05585971	0.53209787	5.91E-01	1060.9406	1060.9406	376	0.0019%	0.0170%
County	Fresno	2005	Annual	LDA	65 MPH	0.151839672	0.46178933	3.97260302	0.00346441	0.00799996	0.03674981	0.00636001	5.11E-02	0.00199999	0.01574992	0.00577412	2.35E-02	361.614068	361.614068	1,055,056	5.2454%	47.7620%
County	Fresno	2005	Annual	LDT1	65 MPH	0.433430756	1.09820276	10.7949972	0.00400355	0.00799996	0.03674982	0.01082563	5.56E-02	0.00199999	0.01574992	0.00954511	2.73E-02	413.043007	413.043007	147,175	0.7317%	6.6626%
County	Fresno	2005	Annual	LDT2	65 MPH	0.191171901	0.81507919	5.1302154	0.00467353	0.00799996	0.03674982	0.00569898	5.04E-02	0.00199999	0.01574992	0.00512246	2.29E-02	498.432644	498.432644	417,981	2.0781%	18.9219%
County	Fresno	2005	Annual	LHD1	65 MPH	0.159168181	4.73039763	3.84833841	0.02556549	0.00967085	0.05332926	0.01577841	7.88E-02	0.00241771	0.02285539	0.01451464	3.98E-02	594.757626	594.757626		0.0000%	0.0000%
County	Fresno	2005	Annual	LHD2	65 MPH	0.17343585	6.22239266	4.14869403	0.03285679	0.01042789	0.06857396	0.02408921	1.03E-01	0.00260697	0.02938884	0.02211549	5.41E-02	576.655635	576.655635		0.0000%	0.0000%
County	Fresno	2005	Annual	MCY	65 MPH	5.721395283	1.64254636	102.562327	0.00217133	0.00799048	0.03669061	0.00891098	5.36E-02	0.00199762	0.01572455	0.00685855	2.46E-02	99.1149102	99.1149102	14,261	0.0709%	0.6456%
County	Fresno	2005	Annual	MDV	65 MPH	0.151444192	0.77569313	4.48105519	0.00577144	0.00799996	0.03674982	0.00401802	4.88E-02	0.00199999	0.01574992	0.00364233	2.14E-02	619.52405	619.52405	506,973	2.5205%	22.9505%
County	Fresno	2005	Annual	MH	65 MPH	0.466499294	3.98766082	25.7781566	0.02257484	0.00860717	0.05095703	0.05147716	1.11E-01	0.00215179	0.02183873	0.04707689	7.11E-02	703.085345	703.085345	871	0.0043%	0.0394%
County	Fresno	2005	Annual	Motor Coach	65 MPH	0.842525395	19.672656	2.52360871	0.155036	0.01199994	0.13033932	0.68058974	8.23E-01	0.00299998	0.05585971	0.62614256	6.85E-01	1609.11034	1609.11034	470	0.0023%	0.0213%
County	Fresno	2005	Annual	OBUS	65 MPH	0.265357475	3.66198221	10.3279447	0.00703237	0.00799996	0.03674981	0.00170132	4.65E-02	0.00199999	0.01574992	0.00154646	1.93E-02	641.497927	641.497927	482	0.0024%	0.0218%
County	Fresno	2005	Annual	PTO	65 MPH	1.229690181	19.6235964	7.06168235	0.19328222			1.0209861	1.02E+00			0.93930721	9.39E-01	2180.82661	2180.82661		0.0000%	0.0000%
County	Fresno	2005	Annual	SBUS	65 MPH	0.618382385	10.0872007	11.4728443	0.09472335	0.01121195	0.60531192	0.3458766	9.62E-01	0.00280299	0.2594194	0.31806512	5.80E-01	945.664741	945.664741		0.0000%	0.0000%
County	Fresno	2005	Annual	T6 Ag	65 MPH	0.600324956	12.1457075	1.43320816	0.10888115	0.01199994	0.13033932	0.57555922	7.18E-01	0.00299998	0.05585971	0.52951449	5.88E-01	1063.07199	1063.07199	949	0.0047%	0.0430%
County	Fresno	2005	Annual	T6 CAIRP heavy	65 MPH	0.407013051	10.9357572	1.02456541	0.10709888	0.01199994	0.13033932	0.43900507	5.81E-01	0.00299998	0.05585971	0.40388467	4.63E-01	1045.67054	1045.67054	28	0.0001%	0.0013%
County	Fresno	2005	Annual	T6 CAIRP small	65 MPH	0.316616861	10.4147605	0.83482588	0.10650429	0.01199994	0.13033932	0.37706087	5.19E-01	0.00299998	0.05585971	0.346896	4.06E-01	1039.86525	1039.86525	95	0.0005%	0.0043%
County	Fresno	2005	Annual	T6 instate construction heavy	65 MPH	0.614793806	12.1500445	1.46348984	0.10843661	0.01199994	0.13033932	0.58188807	7.24E-01	0.00299998	0.05585971	0.53533702	5.94E-01	1058.73169	1058.73169	774	0.0038%	0.0350%
County	Fresno	2005	Annual	T6 instate construction small	65 MPH	0.414821492	11.2246804	1.03180153	0.10679046	0.01199994	0.13033932	0.43602239	5.78E-01	0.00299998	0.05585971	0.4011406	4.60E-01	1042.65928	1042.65928	2,043	0.0102%	0.0925%
County	Fresno	2005	Annual	T6 instate heavy	65 MPH	0.614793806	12.1500445	1.46348984	0.10843661	0.01199994	0.13033932	0.58188807	7.24E-01	0.00299998	0.05585971	0.53533702	5.94E-01	1058.73169	1058.73169	1,548	0.0077%	0.0701%
County	Fresno	2005	Annual	T6 instate small	65 MPH	0.414821492	11.2246804	1.03180153	0.10679046	0.01199994	0.13033932	0.43602239	5.78E-01	0.00299998	0.05585971	0.4011406	4.60E-01	1042.65928	1042.65928	4,087	0.0203%	0.1850%
County	Fresno	2005	Annual	T6 OOS heavy	65 MPH	0.407013051	10.9357572	1.02456541	0.10709888	0.01199994	0.13033932	0.43900507	5.81E-01	0.00299998	0.05585971	0.40388467	4.63E-01	1045.67054	1045.67054	16	0.0001%	0.0007%
County	Fresno	2005	Annual	T6 OOS small	65 MPH	0.316616861	10.4147605	0.83482588	0.10650429	0.01199994	0.13033932	0.37706087	5.19E-01	0.00299998	0.05585971	0.346896	4.06E-01	1039.86525	1039.86525	54	0.0003%	0.0025%
County	Fresno	2005	Annual	T6 Public	65 MPH	0.352163306	11.5738238	0.84913125	0.10933187	0.01199994	0.13033932	0.41204639	5.54E-01	0.00299998	0.05585971	0.37908268	4.38E-01	1067.47257	1067.47257	199	0.0010%	0.0090%
County	Fresno	2005	Annual	T6 utility	65 MPH	0.210210135	10.455893	0.55320562	0.10675787	0.01199994	0.13033932	0.3097001	4.52E-01	0.00299998	0.05585971	0.28492409	3.44E-01	1042.34113	1042.34113	39	0.0002%	0.0018%
County	Fresno	2005	Annual	T6TS	65 MPH	0.779622443	5.25535315	31.4053357	0.00742283	0.00799996	0.03674981	0.00492199	4.97E-02	0.00199999	0.01574992	0.00427364	2.20E-02	641.497911	641.497911	844	0.0042%	0.0382%
County	Fresno	2005	Annual	T7 Ag	65 MPH	0.989576004	20.0949317	3.4328537	0.15807885	0.03599981	0.06173968	0.9012237	9.99E-01	0.00899995	0.02645986	0.8291258	8.65E-01	1640.69189	1640.69189	2,400	0.0119%	0.1086%
County	Fresno	2005	Annual	T7 CAIRP	65 MPH	0.991339898	20.0660728	2.80252839	0.15456866	0.03599981	0.06173968	0.71015634	8.08E-01	0.00899995	0.02645986	0.65334383	6.89E-01	1604.25989	1604.25989	11,718	0.0583%	0.5305%
County	Fresno	2005	Annual	T7 CAIRP construction	65 MPH	0.991339898	20.0660728	2.80252839	0.15456866	0.03599981	0.06173968	0.71015634	8.08E-01	0.00899995	0.02645986	0.65334383	6.89E-01	1604.25989	1604.25989	519	0.0026%	0.0235%
County	Fresno	2005	Annual	T7 NNOOS	65 MPH	0.575543748	14.5783724	2.08080279	0.15417973	0.03599981	0.06173968	0.66712037	7.65E-01	0.00899995	0.02645986	0.61375074	6.49E-01	1600.22313	1600.22313	13,182	0.0655%	0.5968%
County	Fresno	2005	Annual	T7 NOOS	65 MPH	0.991339898	20.0660728	2.80252839	0.15456866	0.03599981	0.06173968	0.71015634	8.08E-01	0.00899995	0.02645986	0.65334383	6.89E-01	1604.25989	1604.25989	4,267	0.0212%	0.1932%
County	Fresno	2005	Annual	T7 other port	65 MPH	1.245656337	22.1470007	3.4509298	0.15347018	0.03599981	0.06173968	0.81102467	9.09E-01	0.00899995	0.02645986	0.7461427	7.82E-01	1592.85875	1592.85875	248	0.0012%	0.0112%
County	Fresno	2005	Annual	T7 POAK	65 MPH	1.27938449	22.2331652	3.60748874	0.15383665	0.03599981	0.06173968	0.8537705	9.52E-01	0.00899995	0.02645986	0.78546886	8.21E-01	1596.66242	1596.66242	539	0.0027%	0.0244%
County	Fresno	2005	Annual	T7 POLA	65 MPH	1.351384286	21.660679	4.40116382	0.15757906	0.03599981	0.06173968	1.0846781	1.18E+00	0.00899995	0.02645986	0.99790385	1.03E+00	1635.50469	1635.50469	1,029	0.0051%	0.0466%
County	Fresno	2005	Annual	T7 Public	65 MPH	0.605534934	18.7864167	2.4130924	0.16171138	0.03599981	0.06173968	0.7521534	8.50E-01	0.00899995	0.02645986	0.69198113	7.27E-01	1678.39378	1678.39378	171	0.0009%	0.0078%
County	Fresno	2005	Annual	T7 Single	65 MPH	0.628334751	17.1355657	2.30070741	0.15638563	0.03599981	0.06173968	0.70231576	8.00E-01	0.00899995	0.02645986	0.6461305	6.82E-01	1623.11805	1623.11805	1,078	0.0054%	0.0488%
County	Fresno	2005	Annual	T7 single construction	65 MPH	0.628334751	17.1355657	2.30070741	0.15638563	0.03599981	0.06173968	0.70231576	8.00E-01	0.00899995	0.02645986	0.6461305	6.82E-01	1623.11805	1623.11805	1,342	0.0067%	0.0608%
County	Fresno	2005	Annual	T7 SWCV	65 MPH	0.587936456	18.1559762	2.20124544	0.15820273	0.03599981	0.06173968	0.68698167	7.85E-01	0.00899995	0.02645986	0.63202314	6.67E-01	1641.97765	1641.97765	356	0.0018%	0.0161%
County	Fresno	2005	Annual	T7 tractor	65 MPH	1.017970149	19.615751	3.24186244	0.15578894	0.03599981	0.06173968	0.8285698	9.26E-01	0.00899995	0.02645986	0.76228422	7.98E-01	1616.92504	1616.92504	16,655	0.0828%	0.7540%
County	Fresno	2005	Annual	T7 tractor construction	65 MPH	1.019966511	19.4410682	3.29723668	0.15593476	0.03599981	0.06173968	0.84601699	9.44E-01	0.00899995	0.02645986	0.77833563	8.14E-01	1618.43859	1618.43859	1,001	0.0050%	0.0453%
County	Fresno	2005	Annual	T7 utility	65 MPH	0.380631781	17.3811176	1.34738915	0.15604494	0.03599981	0.06173968	0.50929196	6.07E-01	0.00899995	0.02645986	0.4685486	5.04E-01	1619.5821	1619.5821	23	0.0001%	0.0010%
County	Fresno	2005	Annual	T7IS	65 MPH	1.740411774	11.8012717	92.0569106	0.00719669	0.00799996	0.03674981	0.00279084	4.75E-02	0.00199999	0.01574992	0.0022807	2.00E-02	641.497861	641.497861	136	0.0007%	0.0061%
County	Fresno	2005	Annual	UBUS	65 MPH	0.610072648	20.6887	8.87294879	0.16576193	0.00799996	0.59870604	0.12962659	7.36E-01	0.00199999	0.25658828	0.11919914	3.78E-01	2011.83347	2011.83347		0.0000%	0.0000%
																				2,208,986	10.9824%	100%

County	Fresno	2005	Annual	All Other Buses	70 MPH	0.745932318	13.011022	1.61122534	0.10866285	0.01199994	0.13033932	0.67016639	8.13E-01	0.00299998	0.05585971	0.61655308	6.75E-01	1090.25775	1090.25775	0	0.0000%	0.0000%
County	Fresno	2005	Annual	LDA	70 MPH	0.163855744	0.47987212	4.14908203	0.00346441	0.00799996	0.03674981	0.00683661	5.16E-02	0.00199999	0.01574992	0.00620514	2.40E-02	387.527438	387.527438	933,003	4.6386%	49.2684%
County	Fresno	2005	Annual	LDT1	70 MPH	0.468336999	1.14772204	11.6493547	0.00400355	0.00799996	0.03674982	0.01161161	5.64E-02	0.00199999	0.01574992	0.01022984	2.80E-02	442.665191	442.665191	130,149	0.6471%	6.8727%
County	Fresno	2005	Annual	LDT2	70 MPH	0.206056907	0.84969074	5.38394988	0.00467353	0.00799996	0.03674982	0.00613042	5.09E-02	0.00199999	0.01574992	0.00550802	2.33E-02	534.230405	534.230405	369,627	1.8377%	19.5186%
County	Fresno	2005	Annual	LHD1	70 MPH	0.19253817	5.99290167	5.49811929	0.02556549	0.00967085	0.05332926	0.01638852	7.94E-02	0.00241771	0.02285539	0.01507608	4.03E-02	688.937281	688.937281	0	0.0000%	0.0000%
County	Fresno	2005	Annual	LHD2	70 MPH	0.21271436	7.82227467	6.3581045	0.03285679	0.01042789	0.06857396	0.02223041	1.01E-01	0.00260697	0.02938884	0.02038096	5.24E-02	636.485096	636.485096	0	0.0000%	0.0000%
County	Fresno	2005	Annual	MCY	70 MPH	7.613733005	1.6970424	152.311441	0.00217133	0.00799048	0.03669061	0.01186475	5.65E-02	0.00199762	0.01572455	0.00913232	2.69E-02	103.561495	103.561495	12,611	0.0627%	0.6659%
County	Fresno	2005	Annual	MDV	70 MPH	0.163346822	0.80817717	4.72692119	0.00577144	0.00799996	0.03674982	0.00432806	4.91E-02	0.00199999	0.01574992	0.00392237	2.17E-02	664.029068	664.029068	448,325	2.2289%	23.6743%
County	Fresno	2005	Annual	MH	70 MPH	0.525542789	4.29002302	33.6355928	0.02257484	0.00860717	0.05095703	0.06186606	1.21E-01	0.00215179	0.02183873	0.05662193	8.06E-02	844.553537	844.553537	0	0.0000%	0.0000%
County	Fresno	2005	Annual	Motor Coach	70 MPH	1.059894895	20.317818	2.82099001	0.155036	0.01199994	0.13033932	0.83096741	9.73E-01	0.00299998	0.05585971	0.76449002	8.23E-01	1653.57516	1653.57516	0	0.0000%	0.0000%
County	Fresno	2005	Annual	OBUS	70 MPH	0.356584551	4.84645652	16.5318027	0.00703237	0.00799996	0.03674981	0.00179663	4.65E-02	0.00199999	0.01574992	0.00160364	1.94E-02	803.362594	803.362594	0	0.0000%	0.0000%
County	Fresno	2005	Annual	PTO	70 MPH	1.229690181	19.6235964	7.06168235	0.19328222			1.0209861	1.02E+00			0.93930721	9.39E-01	2180.82661	2180.82661	0	0.0000%	0.0000%
County	Fresno	2005	Annual	SBUS	70 MPH	0.618382385	10.0872007	11.4728443	0.09472335	0.01121195	0.60531192	0.3458766	9.62E-01	0.00280299	0.2594194	0.31806512	5.80E-01	945.664741	945.664741	0	0.0000%	0.0000%
County	Fresno	2005	Annual	T6 Ag	70 MPH	0.704368872	12.6095814	1.54514864	0.10888115	0.01199994	0.13033932	0.66201977	8.04E-01	0.00299998	0.05585971	0.60905819	6.68E-01	1092.44804	1092.44804	0	0.0000%	0.0000%
County	Fresno	2005	Annual	T6 CAIRP heavy	70 MPH	0.496501031	11.3504535	1.13269615	0.10709888	0.01199994	0.13033932	0.52520607	6.68E-01	0.00299998	0.05585971	0.48318958	5.42E-01	1074.56574	1074.56574	0	0.0000%	0.0000%
County	Fresno	2005	Annual	T6 CAIRP small	70 MPH	0.397878914	10.793308	0.93947858	0.10650429	0.01199994	0.13033932	0.46167479	6.04E-01	0.00299998	0.05585971	0.4247408	4.84E-01	1068.60002	1068.60002	0	0.0000%	0.0000%
County	Fresno	2005	Annual	T6 instate construction heavy	70 MPH	0.687163851	12.1414514	1.5350766	0.10843661	0.01199994	0.13033932	0.65404901	7.96E-01	0.00299998	0.05585971	0.60172509	6.61E-01	1087.15918	1087.15918	0	0.0000%	0.0000%
County	Fresno	2005	Annual	T6 instate construction small	70 MPH	0.469982465	11.0371091	1.09617555	0.10679046	0.01199994	0.13033932	0.51449734	6.57E-01	0.00299998	0.05585971	0.47333756	5.32E-01	1070.95814	1070.95814	0	0.0000%	0.0000%
County	Fresno	2005	Annual	T6 instate heavy	70 MPH	0.679219383	12.1268588	1.51580589	0.10843661	0.01199994	0.13033932	0.64707356	7.89E-01	0.00299998	0.05585971	0.59530767	6.54E-01	1086.45177	1086.45177	0	0.0000%	0.0000%
County	Fresno	2005	Annual	T6 instate small	70 MPH	0.468654444	11.0643089	1.08969621	0.10679046	0.01199994	0.13033932	0.51122678	6.54E-01	0.00299998	0.05585971	0.47032864	5.29E-01	1070.78263	1070.78263	0	0.0000%	0.0000%
County	Fresno	2005	Annual	T6 OOS heavy	70 MPH	0.496501031	11.3504535	1.13269615	0.10709888	0.01199994	0.13033932	0.52520607	6.68E-01	0.00299998	0.05585971	0.48318958	5.42E-01	1074.56574	1074.56574	0	0.0000%	0.0000%
County	Fresno	2005	Annual	T6 OOS small	70 MPH	0.397878914	10.793308	0.93947858	0.10650429	0.01199994	0.13033932	0.46167479	6.04E-01	0.00299998	0.05585971	0.4247408	4.84E-01	1068.60002	1068.60002	0	0.0000%	0.0000%
County	Fresno	2005	Annual	T6 Public	70 MPH	0.408998015	12.0622132	0.91000934	0.10933187	0.01199994	0.13033932	0.46944852	6.12E-01	0.00299998	0.05585971	0.43189263	4.91E-01	1096.1509	1096.1509	0	0.0000%	0.0000%
County	Fresno	2005	Annual	T6 utility	70 MPH	0.258765649	10.8226883	0.61530511	0.10675787	0.01199994	0.13033932	0.37473448	5.17E-01	0.00299998	0.05585971	0.34475572	4.04E-01	1071.14433	1071.14433	0	0.0000%	0.0000%
County	Fresno	2005	Annual	T6TS	70 MPH	0.847390562	6.30882276	36.3038817	0.00742283	0.00799996	0.03674981	0.00426602	4.90E-02	0.00199999	0.01574992	0.0037236	2.15E-02	803.362512	803.362512	0	0.0000%	0.0000%
County	Fresno	2005	Annual	T7 Ag	70 MPH	1.18603728	20.8319397	3.69582629	0.15807885	0.03599981	0.06173968	1.035103	1.13E+00	0.00899995	0.02645986	0.95229476	9.88E-01	1686.02941	1686.02941	0	0.0000%	0.0000%
County	Fresno	2005	Annual	T7 CAIRP	70 MPH	1.266206661	20.7455218	3.17843149	0.15456866	0.03599981	0.06173968	0.88416719	9.82E-01	0.00899995	0.02645986	0.81343382	8.49E-01	1648.59069	1648.59069	0	0.0000%	0.0000%
County	Fresno	2005	Annual	T7 CAIRP construction	70 MPH	1.266206661	20.7114788	3.17843149	0.15456866	0.03599981	0.06173968	0.88416719	9.82E-01	0.00899995	0.02645986	0.81343382	8.49E-01	1648.59069	1648.59069	0	0.0000%	0.0000%
County	Fresno	2005	Annual	T7 NNOOS	70 MPH	0.716274138	15.1648272	2.33295137	0.15417973	0.03599981	0.06173968	0.80444671	9.02E-01	0.00899995	0.02645986	0.74009098	7.76E-01	1644.44238	1644.44238	0	0.0000%	0.0000%
County	Fresno	2005	Annual	T7 NOOS	70 MPH	1.266206661	20.7455218	3.17843149	0.15456866	0.03599981	0.06173968	0.88416719	9.82E-01	0.00899995	0.02645986	0.81343382	8.49E-01	1648.59069	1648.59069	0	0.0000%	0.0000%
County	Fresno	2005	Annual	T7 other port	70 MPH	1.245656337	22.0480569	3.4509298	0.15347018	0.03599981	0.06173968	0.81102467	9.09E-01	0.00899995	0.02645986	0.7461427	7.82E-01	1592.85875	1592.85875	0	0.0000%	0.0000%
County	Fresno	2005	Annual	T7 POAK	70 MPH	1.27938449	22.1761165	3.60748874	0.15383665	0.03599981	0.06173968	0.8537705	9.52E-01	0.00899995	0.02645986	0.78546886	8.21E-01	1596.66242	1596.66242	0	0.0000%	0.0000%
County	Fresno	2005	Annual	T7 POLA	70 MPH	1.650728407	22.4320436	4.79568661	0.15757906	0.03599981	0.06173968	1.27122828	1.37E+00	0.00899995	0.02645986	1.16953002	1.20E+00	1680.69888	1680.69888	0	0.0000%	0.0000%
County	Fresno	2005	Annual	T7 Public	70 MPH	0.661220412	19.3669557	2.42538928	0.16171138	0.03599981	0.06173968	0.8102145	9.08E-01	0.00899995	0.02645986	0.74539734	7.81E-01	1722.94848	1722.94848	0	0.0000%	0.0000%
County	Fresno	2005	Annual	T7 Single	70 MPH	0.833672153	18.466394	2.8239924	0.15638563	0.03599981	0.06173968	0.8701149	9.68E-01	0.00899995	0.02645986	0.8005057	8.36E-01	1676.35361	1676.35361	0	0.0000%	0.0000%
County	Fresno	2005	Annual	T7 single construction	70 MPH	0.835018014	18.4244791	2.84752536	0.15638563	0.03599981	0.06173968	0.87588366	9.74E-01	0.00899995	0.02645986	0.80581297	8.41E-01	1676.43711	1676.43711	0	0.0000%	0.0000%
County	Fresno	2005	Annual	T7 SWCV	70 MPH	0.725363713	19.3943207	2.43196956	0.15820273	0.03599981	0.06173968	0.7945765	8.92E-01	0.00899995	0.02645986	0.73101038	7.66E-01	1693.63683	1693.63683	0	0.0000%	0.0000%
County	Fresno	2005	Annual	T7 tractor	70 MPH	1.329255035	20.6937441	3.82968942	0.15578894	0.03599981	0.06173968	1.03984941	1.14E+00	0.00899995	0.02645986	0.95666146	9.92E-01	1666.38459	1666.38459	0	0.0000%	0.0000%
County	Fresno	2005	Annual	T7 tractor construction	70 MPH	1.356207833	20.6890615	3.98397437	0.15593476	0.03599981	0.06173968	1.07738733	1.18E+00	0.00899995	0.02645986	0.99119634	1.03E+00	1670.06208	1670.06208	0	0.0000%	0.0000%
County	Fresno	2005	Annual	T7 utility	70 MPH	0.460830631	18.0063103	1.46824861	0.15604494	0.03599981	0.06173968	0.59837141	6.96E-01	0.00899995	0.02645986	0.5505017	5.86E-01	1664.3363	1664.3363	0	0.0000%	0.0000%
County	Fresno	2005	Annual	T7IS	70 MPH	3.088036581	20.0990177	165.723849	0.00719669	0.00799996	0.03674981	0.00327757	4.80E-02	0.00199999	0.01574992	0.0027857	2.05E-02	803.362466	803.362466	0	0.0000%	0.0000%
County	Fresno	2005	Annual	UBUS	70 MPH	0.610072648	20.6887	8.87294879	0.16576193	0.00799996	0.59870604	0.12962659	7.36E-01	0.00199999	0.25658828	0.11919914	3.78E-01	2011.83347	2011.83347	0	0.0000%	0.0000%
																				1,893,716	9.4150%	100%
																			TOTAL	**20,113,880**	**100%**	**n/a**

Fresno 2012 - all Model Years 2.205E-03 **lbs/Mile**

Region_Type	Region	CalYr	Season	Veh	Speed	ROG_RUNEX	NOx_RUNEX	CO_RUNEX	SOx_RUNEX	PM10_PMTW	PM10_PMBW	PM10_RUNEX	PM10_Total	PM2_5_PMTW	PM2_5_PMBW	PM2_5_RUNEX	PM2_5_Total	CO2_RUNEX	CO2(Pavley I + LCFS)_RUNEX
County	Fresno	2005	Annual	All Other Buses	05 MPH	1.744E-02	7.878E-02	1.966E-02	2.396E-04	2.646E-05	2.873E-04	5.974E-03	6.288E-03	6.614E-06	1.231E-04	5.496E-03	5.626E-03	5.846E+00	5.846E+00
County	Fresno	2005	Annual	LDA	05 MPH	1.830E-03	1.649E-03	2.114E-02	7.638E-06	1.764E-05	8.102E-05	9.302E-05	1.917E-04	4.409E-06	3.472E-05	8.522E-05	1.244E-04	2.460E+00	2.460E+00
County	Fresno	2005	Annual	LDT1	05 MPH	4.482E-03	3.560E-03	5.531E-02	8.826E-06	1.764E-05	8.102E-05	1.412E-04	2.398E-04	4.409E-06	3.472E-05	1.267E-04	1.659E-04	2.813E+00	2.813E+00
County	Fresno	2005	Annual	LDT2	05 MPH	2.236E-03	3.031E-03	2.732E-02	1.030E-05	1.764E-05	8.102E-05	8.097E-05	1.796E-04	4.409E-06	3.472E-05	7.372E-05	1.129E-04	3.396E+00	3.396E+00
County	Fresno	2005	Annual	LHD1	05 MPH	3.289E-03	9.973E-03	3.760E-02	5.636E-05	2.132E-05	1.176E-04	1.742E-04	3.131E-04	5.330E-06	5.039E-05	1.601E-04	2.158E-04	3.717E+00	3.717E+00
County	Fresno	2005	Annual	LHD2	05 MPH	3.398E-03	1.364E-02	4.634E-02	7.244E-05	2.299E-05	1.512E-04	2.425E-04	4.167E-04	5.747E-06	6.479E-05	2.212E-04	2.917E-04	2.893E+00	2.893E+00
County	Fresno	2005	Annual	MCY	05 MPH	1.249E-02	2.349E-03	9.922E-02	4.787E-06	1.762E-05	8.089E-05	1.924E-05	1.177E-04	4.404E-06	3.467E-05	1.483E-05	5.390E-05	4.885E-01	4.885E-01
County	Fresno	2005	Annual	MDV	05 MPH	1.863E-03	2.903E-03	2.332E-02	1.272E-05	1.764E-05	8.102E-05	5.823E-05	1.569E-04	4.409E-06	3.472E-05	5.330E-05	9.243E-05	4.222E+00	4.222E+00
County	Fresno	2005	Annual	MH	05 MPH	1.107E-02	1.173E-02	2.231E-01	4.977E-05	1.898E-05	1.123E-04	4.226E-04	5.539E-04	4.744E-06	4.815E-05	3.822E-04	4.351E-04	5.497E+00	5.497E+00
County	Fresno	2005	Annual	Motor Coach	05 MPH	2.529E-02	1.278E-01	3.812E-02	3.418E-04	2.646E-05	2.873E-04	7.573E-03	7.887E-03	6.614E-06	1.231E-04	6.967E-03	7.097E-03	8.866E+00	8.866E+00
County	Fresno	2005	Annual	OBUS	05 MPH	6.378E-03	5.111E-03	8.913E-02	1.550E-05	1.764E-05	8.102E-05	3.957E-05	1.382E-04	4.409E-06	3.472E-05	3.597E-05	7.510E-05	5.541E+00	5.541E+00
County	Fresno	2005	Annual	PTO	05 MPH	2.711E-03	4.326E-02	1.557E-02	4.261E-04	0.000E+00	0.000E+00	2.251E-03	2.251E-03	0.000E+00	0.000E+00	2.071E-03	2.071E-03	4.808E+00	4.808E+00
County	Fresno	2005	Annual	SBUS	05 MPH	1.878E-02	6.057E-02	1.452E-01	2.088E-04	2.472E-05	1.334E-03	3.774E-03	5.133E-03	6.179E-06	5.719E-04	3.468E-03	4.046E-03	5.783E+00	5.783E+00
County	Fresno	2005	Annual	T6 Ag	05 MPH	1.651E-02	7.638E-02	1.853E-02	2.400E-04	2.646E-05	2.873E-04	5.704E-03	6.018E-03	6.614E-06	1.231E-04	5.248E-03	5.378E-03	5.857E+00	5.857E+00
County	Fresno	2005	Annual	T6 CAIRP heavy	05 MPH	1.198E-02	7.185E-02	1.452E-02	2.361E-04	2.646E-05	2.873E-04	4.210E-03	4.524E-03	6.614E-06	1.231E-04	3.873E-03	4.003E-03	5.761E+00	5.761E+00
County	Fresno	2005	Annual	T6 CAIRP small	05 MPH	9.820E-03	6.983E-02	1.257E-02	2.348E-04	2.646E-05	2.873E-04	3.517E-03	3.831E-03	6.614E-06	1.231E-04	3.236E-03	3.365E-03	5.729E+00	5.729E+00
County	Fresno	2005	Annual	T6 instate construction heavy	05 MPH	1.699E-02	7.664E-02	1.914E-02	2.391E-04	2.646E-05	2.873E-04	5.831E-03	6.145E-03	6.614E-06	1.231E-04	5.365E-03	5.494E-03	5.833E+00	5.833E+00
County	Fresno	2005	Annual	T6 instate construction small	05 MPH	1.236E-02	7.370E-02	1.518E-02	2.354E-04	2.646E-05	2.873E-04	4.417E-03	4.731E-03	6.614E-06	1.231E-04	4.064E-03	4.194E-03	5.745E+00	5.745E+00
County	Fresno	2005	Annual	T6 instate heavy	05 MPH	1.699E-02	7.664E-02	1.914E-02	2.391E-04	2.646E-05	2.873E-04	5.831E-03	6.145E-03	6.614E-06	1.231E-04	5.365E-03	5.494E-03	5.833E+00	5.833E+00
County	Fresno	2005	Annual	T6 instate small	05 MPH	1.236E-02	7.370E-02	1.518E-02	2.354E-04	2.646E-05	2.873E-04	4.417E-03	4.731E-03	6.614E-06	1.231E-04	4.064E-03	4.194E-03	5.745E+00	5.745E+00
County	Fresno	2005	Annual	T6 OOS heavy	05 MPH	1.198E-02	7.185E-02	1.452E-02	2.361E-04	2.646E-05	2.873E-04	4.210E-03	4.524E-03	6.614E-06	1.231E-04	3.873E-03	4.003E-03	5.761E+00	5.761E+00
County	Fresno	2005	Annual	T6 OOS small	05 MPH	9.820E-03	6.983E-02	1.257E-02	2.348E-04	2.646E-05	2.873E-04	3.517E-03	3.831E-03	6.614E-06	1.231E-04	3.236E-03	3.365E-03	5.729E+00	5.729E+00
County	Fresno	2005	Annual	T6 Public	05 MPH	9.586E-03	7.218E-02	1.062E-02	2.410E-04	2.646E-05	2.873E-04	3.994E-03	4.308E-03	6.614E-06	1.231E-04	3.674E-03	3.804E-03	5.882E+00	5.882E+00
County	Fresno	2005	Annual	T6 utility	05 MPH	6.360E-03	6.877E-02	7.936E-03	2.354E-04	2.646E-05	2.873E-04	2.938E-03	3.252E-03	6.614E-06	1.231E-04	2.703E-03	2.833E-03	5.743E+00	5.743E+00
County	Fresno	2005	Annual	T6TS	05 MPH	1.847E-02	7.336E-03	2.714E-01	1.636E-05	1.764E-05	8.102E-05	1.145E-04	2.131E-04	4.409E-06	3.472E-05	9.939E-05	1.385E-04	5.541E+00	5.541E+00
County	Fresno	2005	Annual	T7 Ag	05 MPH	2.772E-02	1.256E-01	4.451E-02	3.485E-04	7.937E-05	1.361E-04	9.366E-03	9.582E-03	1.984E-05	5.833E-05	8.617E-03	8.695E-03	9.040E+00	9.040E+00
County	Fresno	2005	Annual	T7 CAIRP	05 MPH	3.042E-02	1.319E-01	4.468E-02	3.408E-04	7.937E-05	1.361E-04	7.973E-03	8.188E-03	1.984E-05	5.833E-05	7.335E-03	7.413E-03	8.839E+00	8.839E+00
County	Fresno	2005	Annual	T7 CAIRP construction	05 MPH	3.042E-02	1.319E-01	4.468E-02	3.408E-04	7.937E-05	1.361E-04	7.973E-03	8.188E-03	1.984E-05	5.833E-05	7.335E-03	7.413E-03	8.839E+00	8.839E+00
County	Fresno	2005	Annual	T7 NNOOS	05 MPH	1.892E-02	1.032E-01	2.946E-02	3.399E-04	7.937E-05	1.361E-04	4.437E-03	4.653E-03	1.984E-05	5.833E-05	4.082E-03	4.161E-03	8.817E+00	8.817E+00
County	Fresno	2005	Annual	T7 NOOS	05 MPH	3.042E-02	1.319E-01	4.468E-02	3.408E-04	7.937E-05	1.361E-04	7.973E-03	8.188E-03	1.984E-05	5.833E-05	7.335E-03	7.413E-03	8.839E+00	8.839E+00
County	Fresno	2005	Annual	T7 other port	05 MPH	3.730E-02	1.414E-01	5.653E-02	3.383E-04	7.937E-05	1.361E-04	1.088E-02	1.109E-02	1.984E-05	5.833E-05	1.001E-02	1.009E-02	8.776E+00	8.776E+00
County	Fresno	2005	Annual	T7 POAK	05 MPH	3.807E-02	1.415E-01	5.796E-02	3.391E-04	7.937E-05	1.361E-04	1.129E-02	1.150E-02	1.984E-05	5.833E-05	1.038E-02	1.046E-02	8.797E+00	8.797E+00
County	Fresno	2005	Annual	T7 POLA	05 MPH	3.840E-02	1.348E-01	6.067E-02	3.474E-04	7.937E-05	1.361E-04	1.228E-02	1.249E-02	1.984E-05	5.833E-05	1.130E-02	1.137E-02	9.011E+00	9.011E+00
County	Fresno	2005	Annual	T7 Public	05 MPH	1.601E-02	1.133E-01	2.734E-02	3.565E-04	7.937E-05	1.361E-04	6.955E-03	7.171E-03	1.984E-05	5.833E-05	6.399E-03	6.477E-03	9.248E+00	9.248E+00
County	Fresno	2005	Annual	T7 Single	05 MPH	1.826E-02	1.112E-01	2.962E-02	3.448E-04	7.937E-05	1.361E-04	6.211E-03	6.426E-03	1.984E-05	5.833E-05	5.714E-03	5.792E-03	8.943E+00	8.943E+00
County	Fresno	2005	Annual	T7 single construction	05 MPH	1.826E-02	1.112E-01	2.962E-02	3.448E-04	7.937E-05	1.361E-04	6.211E-03	6.426E-03	1.984E-05	5.833E-05	5.714E-03	5.792E-03	8.943E+00	8.943E+00
County	Fresno	2005	Annual	T7 SWCV	05 MPH	1.638E-02	1.141E-01	2.701E-02	3.488E-04	7.937E-05	1.361E-04	6.448E-03	6.664E-03	1.984E-05	5.833E-05	5.933E-03	6.011E-03	9.047E+00	9.047E+00
County	Fresno	2005	Annual	T7 tractor	05 MPH	2.996E-02	1.266E-01	4.633E-02	3.435E-04	7.937E-05	1.361E-04	8.718E-03	8.934E-03	1.984E-05	5.833E-05	8.021E-03	8.099E-03	8.909E+00	8.909E+00
County	Fresno	2005	Annual	T7 tractor construction	05 MPH	2.992E-02	1.255E-01	4.654E-02	3.438E-04	7.937E-05	1.361E-04	8.762E-03	8.978E-03	1.984E-05	5.833E-05	8.061E-03	8.139E-03	8.917E+00	8.917E+00
County	Fresno	2005	Annual	T7 utility	05 MPH	1.121E-02	1.121E-01	1.790E-02	3.440E-04	7.937E-05	1.361E-04	4.800E-03	5.016E-03	1.984E-05	5.833E-05	4.416E-03	4.494E-03	8.924E+00	8.924E+00
County	Fresno	2005	Annual	T7IS	05 MPH	4.064E-02	1.645E-02	7.962E-01	1.587E-05	1.764E-05	8.102E-05	6.491E-05	1.636E-04	4.409E-06	3.472E-05	5.304E-05	9.217E-05	5.541E+00	5.541E+00
County	Fresno	2005	Annual	UBUS	05 MPH	6.757E-03	5.650E-02	6.210E-02	3.654E-04	1.764E-05	1.320E-03	1.514E-03	2.851E-03	4.409E-06	5.657E-04	1.392E-03	1.962E-03	5.717E+00	5.717E+00

County	Fresno	2005	Annual	All Other Buses	10 MPH	1.087E-02	5.445E-02	1.569E-02	2.396E-04	2.646E-05	2.873E-04	4.227E-03	4.540E-03	6.614E-06	1.231E-04	3.889E-03	4.018E-03	4.829E+00	4.829E+00
County	Fresno	2005	Annual	LDA	10 MPH	1.226E-03	1.403E-03	1.765E-02	7.638E-06	1.764E-05	8.102E-05	6.087E-05	1.595E-04	4.409E-06	3.472E-05	5.572E-05	9.485E-05	1.838E+00	1.838E+00
County	Fresno	2005	Annual	LDT1	10 MPH	3.055E-03	3.002E-03	4.363E-02	8.826E-06	1.764E-05	8.102E-05	9.432E-05	1.930E-04	4.409E-06	3.472E-05	8.456E-05	1.237E-04	2.099E+00	2.099E+00
County	Fresno	2005	Annual	LDT2	10 MPH	1.507E-03	2.545E-03	2.259E-02	1.030E-05	1.764E-05	8.102E-05	5.304E-05	1.517E-04	4.409E-06	3.472E-05	4.823E-05	8.736E-05	2.536E+00	2.536E+00
County	Fresno	2005	Annual	LHD1	10 MPH	2.689E-03	9.189E-03	3.047E-02	5.636E-05	2.132E-05	1.176E-04	1.513E-04	2.902E-04	5.330E-06	5.039E-05	1.390E-04	1.947E-04	3.104E+00	3.104E+00
County	Fresno	2005	Annual	LHD2	10 MPH	2.793E-03	1.246E-02	3.744E-02	7.244E-05	2.299E-05	1.512E-04	2.120E-04	3.862E-04	5.747E-06	6.479E-05	1.935E-04	2.640E-04	2.480E+00	2.480E+00
County	Fresno	2005	Annual	MCY	10 MPH	1.087E-02	2.368E-03	8.807E-02	4.787E-06	1.762E-05	8.089E-05	1.699E-05	1.155E-04	4.404E-06	3.467E-05	1.309E-05	5.216E-05	4.506E-01	4.506E-01
County	Fresno	2005	Annual	MDV	10 MPH	1.245E-03	2.440E-03	1.921E-02	1.272E-05	1.764E-05	8.102E-05	3.794E-05	1.366E-04	4.409E-06	3.472E-05	3.469E-05	7.382E-05	3.153E+00	3.153E+00
County	Fresno	2005	Annual	MH	10 MPH	8.903E-03	1.041E-02	1.808E-01	4.977E-05	1.898E-05	1.123E-04	3.498E-04	4.811E-04	4.744E-06	4.815E-05	3.166E-04	3.694E-04	4.531E+00	4.531E+00
County	Fresno	2005	Annual	Motor Coach	10 MPH	1.507E-02	8.600E-02	2.922E-02	3.418E-04	2.646E-05	2.873E-04	5.176E-03	5.489E-03	6.614E-06	1.231E-04	4.761E-03	4.891E-03	7.324E+00	7.324E+00
County	Fresno	2005	Annual	OBUS	10 MPH	5.141E-03	5.244E-03	7.218E-02	1.550E-05	1.764E-05	8.102E-05	3.186E-05	1.305E-04	4.409E-06	3.472E-05	2.896E-05	6.809E-05	4.489E+00	4.489E+00
County	Fresno	2005	Annual	PTO	10 MPH	2.711E-03	4.326E-02	1.557E-02	4.261E-04	0.000E+00	0.000E+00	2.251E-03	2.251E-03	0.000E+00	0.000E+00	2.071E-03	2.071E-03	4.808E+00	4.808E+00
County	Fresno	2005	Annual	SBUS	10 MPH	1.328E-02	4.271E-02	1.172E-01	2.088E-04	2.472E-05	1.334E-03	2.700E-03	4.060E-03	6.179E-06	5.719E-04	2.481E-03	3.059E-03	4.760E+00	4.760E+00
County	Fresno	2005	Annual	T6 Ag	10 MPH	1.033E-02	5.320E-02	1.482E-02	2.400E-04	2.646E-05	2.873E-04	4.063E-03	4.377E-03	6.614E-06	1.231E-04	3.738E-03	3.868E-03	4.839E+00	4.839E+00
County	Fresno	2005	Annual	T6 CAIRP heavy	10 MPH	7.260E-03	4.920E-02	1.112E-02	2.361E-04	2.646E-05	2.873E-04	2.925E-03	3.239E-03	6.614E-06	1.231E-04	2.691E-03	2.821E-03	4.759E+00	4.759E+00
County	Fresno	2005	Annual	T6 CAIRP small	10 MPH	5.811E-03	4.744E-02	9.347E-03	2.348E-04	2.646E-05	2.873E-04	2.404E-03	2.718E-03	6.614E-06	1.231E-04	2.212E-03	2.342E-03	4.733E+00	4.733E+00
County	Fresno	2005	Annual	T6 instate construction heavy	10 MPH	1.060E-02	5.331E-02	1.527E-02	2.391E-04	2.646E-05	2.873E-04	4.137E-03	4.451E-03	6.614E-06	1.231E-04	3.806E-03	3.936E-03	4.819E+00	4.819E+00
County	Fresno	2005	Annual	T6 instate construction small	10 MPH	7.428E-03	5.012E-02	1.156E-02	2.354E-04	2.646E-05	2.873E-04	3.038E-03	3.352E-03	6.614E-06	1.231E-04	2.795E-03	2.925E-03	4.746E+00	4.746E+00
County	Fresno	2005	Annual	T6 instate heavy	10 MPH	1.060E-02	5.331E-02	1.527E-02	2.391E-04	2.646E-05	2.873E-04	4.137E-03	4.451E-03	6.614E-06	1.231E-04	3.806E-03	3.936E-03	4.819E+00	4.819E+00
County	Fresno	2005	Annual	T6 instate small	10 MPH	7.428E-03	5.012E-02	1.156E-02	2.354E-04	2.646E-05	2.873E-04	3.038E-03	3.352E-03	6.614E-06	1.231E-04	2.795E-03	2.925E-03	4.746E+00	4.746E+00
County	Fresno	2005	Annual	T6 OOS heavy	10 MPH	7.260E-03	4.920E-02	1.112E-02	2.361E-04	2.646E-05	2.873E-04	2.925E-03	3.239E-03	6.614E-06	1.231E-04	2.691E-03	2.821E-03	4.759E+00	4.759E+00
County	Fresno	2005	Annual	T6 OOS small	10 MPH	5.811E-03	4.744E-02	9.347E-03	2.348E-04	2.646E-05	2.873E-04	2.404E-03	2.718E-03	6.614E-06	1.231E-04	2.212E-03	2.342E-03	4.733E+00	4.733E+00
County	Fresno	2005	Annual	T6 Public	10 MPH	6.042E-03	5.055E-02	8.546E-03	2.410E-04	2.646E-05	2.873E-04	2.857E-03	3.171E-03	6.614E-06	1.231E-04	2.629E-03	2.759E-03	4.859E+00	4.859E+00
County	Fresno	2005	Annual	T6 utility	10 MPH	3.815E-03	4.679E-02	5.973E-03	2.354E-04	2.646E-05	2.873E-04	2.025E-03	2.339E-03	6.614E-06	1.231E-04	1.863E-03	1.993E-03	4.744E+00	4.744E+00
County	Fresno	2005	Annual	T6TS	10 MPH	1.489E-02	7.528E-03	2.198E-01	1.636E-05	1.764E-05	8.102E-05	9.218E-05	1.908E-04	4.409E-06	3.472E-05	8.004E-05	1.192E-04	4.489E+00	4.489E+00
County	Fresno	2005	Annual	T7 Ag	10 MPH	1.712E-02	8.671E-02	3.589E-02	3.485E-04	7.937E-05	1.361E-04	6.661E-03	6.876E-03	1.984E-05	5.833E-05	6.128E-03	6.206E-03	7.468E+00	7.468E+00
County	Fresno	2005	Annual	T7 CAIRP	10 MPH	1.793E-02	8.848E-02	3.365E-02	3.408E-04	7.937E-05	1.361E-04	5.382E-03	5.597E-03	1.984E-05	5.833E-05	4.951E-03	5.029E-03	7.302E+00	7.302E+00
County	Fresno	2005	Annual	T7 CAIRP construction	10 MPH	1.793E-02	8.848E-02	3.365E-02	3.408E-04	7.937E-05	1.361E-04	5.382E-03	5.597E-03	1.984E-05	5.833E-05	4.951E-03	5.029E-03	7.302E+00	7.302E+00
County	Fresno	2005	Annual	T7 NNOOS	10 MPH	1.109E-02	7.188E-02	2.116E-02	3.399E-04	7.937E-05	1.361E-04	3.097E-03	3.312E-03	1.984E-05	5.833E-05	2.849E-03	2.927E-03	7.283E+00	7.283E+00
County	Fresno	2005	Annual	T7 NOOS	10 MPH	1.793E-02	8.848E-02	3.365E-02	3.408E-04	7.937E-05	1.361E-04	5.382E-03	5.597E-03	1.984E-05	5.833E-05	4.951E-03	5.029E-03	7.302E+00	7.302E+00
County	Fresno	2005	Annual	T7 other port	10 MPH	2.208E-02	9.370E-02	4.335E-02	3.383E-04	7.937E-05	1.361E-04	7.304E-03	7.519E-03	1.984E-05	5.833E-05	6.719E-03	6.797E-03	7.250E+00	7.250E+00
County	Fresno	2005	Annual	T7 POAK	10 MPH	2.261E-02	9.400E-02	4.467E-02	3.391E-04	7.937E-05	1.361E-04	7.612E-03	7.828E-03	1.984E-05	5.833E-05	7.003E-03	7.081E-03	7.267E+00	7.267E+00
County	Fresno	2005	Annual	T7 POLA	10 MPH	2.346E-02	9.239E-02	4.840E-02	3.474E-04	7.937E-05	1.361E-04	8.597E-03	8.813E-03	1.984E-05	5.833E-05	7.909E-03	7.988E-03	7.444E+00	7.444E+00
County	Fresno	2005	Annual	T7 Public	10 MPH	1.024E-02	8.129E-02	2.290E-02	3.565E-04	7.937E-05	1.361E-04	5.130E-03	5.345E-03	1.984E-05	5.833E-05	4.719E-03	4.797E-03	7.639E+00	7.639E+00
County	Fresno	2005	Annual	T7 Single	10 MPH	1.118E-02	7.746E-02	2.325E-02	3.448E-04	7.937E-05	1.361E-04	4.433E-03	4.649E-03	1.984E-05	5.833E-05	4.079E-03	4.157E-03	7.388E+00	7.388E+00
County	Fresno	2005	Annual	T7 single construction	10 MPH	1.118E-02	7.746E-02	2.325E-02	3.448E-04	7.937E-05	1.361E-04	4.433E-03	4.649E-03	1.984E-05	5.833E-05	4.079E-03	4.157E-03	7.388E+00	7.388E+00
County	Fresno	2005	Annual	T7 SWCV	10 MPH	1.021E-02	7.975E-02	2.185E-02	3.488E-04	7.937E-05	1.361E-04	4.646E-03	4.862E-03	1.984E-05	5.833E-05	4.275E-03	4.353E-03	7.473E+00	7.473E+00
County	Fresno	2005	Annual	T7 tractor	10 MPH	1.805E-02	8.635E-02	3.604E-02	3.435E-04	7.937E-05	1.361E-04	6.058E-03	6.273E-03	1.984E-05	5.833E-05	5.573E-03	5.651E-03	7.359E+00	7.359E+00
County	Fresno	2005	Annual	T7 tractor construction	10 MPH	1.807E-02	8.581E-02	3.628E-02	3.438E-04	7.937E-05	1.361E-04	6.109E-03	6.324E-03	1.984E-05	5.833E-05	5.620E-03	5.698E-03	7.366E+00	7.366E+00
County	Fresno	2005	Annual	T7 utility	10 MPH	6.812E-03	7.701E-02	1.392E-02	3.440E-04	7.937E-05	1.361E-04	3.379E-03	3.595E-03	1.984E-05	5.833E-05	3.109E-03	3.187E-03	7.372E+00	7.372E+00
County	Fresno	2005	Annual	T7IS	10 MPH	3.268E-02	1.676E-02	6.410E-01	1.587E-05	1.764E-05	8.102E-05	5.227E-05	1.509E-04	4.409E-06	3.472E-05	4.271E-05	8.185E-05	4.489E+00	4.489E+00
County	Fresno	2005	Annual	UBUS	10 MPH	5.575E-03	4.941E-02	4.987E-02	3.654E-04	1.764E-05	1.320E-03	1.283E-03	2.621E-03	4.409E-06	5.657E-04	1.180E-03	1.750E-03	5.399E+00	5.399E+00

County	Fresno	2005	Annual	All Other Buses	15 MPH	6.023E-03	3.817E-02	1.239E-02	2.396E-04	2.646E-05	2.873E-04	2.888E-03	3.202E-03	6.614E-06	1.231E-04	2.657E-03	2.787E-03	3.965E+00	3.965E+00
County	Fresno	2005	Annual	LDA	15 MPH	8.640E-04	1.234E-03	1.518E-02	7.638E-06	1.764E-05	8.102E-05	4.179E-05	1.404E-04	4.409E-06	3.472E-05	3.822E-05	7.735E-05	1.420E+00	1.420E+00
County	Fresno	2005	Annual	LDT1	15 MPH	2.195E-03	2.635E-03	3.593E-02	8.826E-06	1.764E-05	8.102E-05	6.610E-05	1.648E-04	4.409E-06	3.472E-05	5.917E-05	9.831E-05	1.621E+00	1.621E+00
County	Fresno	2005	Annual	LDT2	15 MPH	1.069E-03	2.215E-03	1.927E-02	1.030E-05	1.764E-05	8.102E-05	3.653E-05	1.352E-04	4.409E-06	3.472E-05	3.318E-05	7.231E-05	1.959E+00	1.959E+00
County	Fresno	2005	Annual	LHD1	15 MPH	1.858E-03	8.030E-03	2.093E-02	5.636E-05	2.132E-05	1.176E-04	1.166E-04	2.555E-04	5.330E-06	5.039E-05	1.072E-04	1.629E-04	2.278E+00	2.278E+00
County	Fresno	2005	Annual	LHD2	15 MPH	1.951E-03	1.070E-02	2.574E-02	7.244E-05	2.299E-05	1.512E-04	1.653E-04	3.395E-04	5.747E-06	6.479E-05	1.510E-04	2.216E-04	1.922E+00	1.922E+00
County	Fresno	2005	Annual	MCY	15 MPH	8.738E-03	2.458E-03	7.418E-02	4.787E-06	1.762E-05	8.089E-05	1.371E-05	1.122E-04	4.404E-06	3.467E-05	1.056E-05	4.963E-05	3.880E-01	3.880E-01
County	Fresno	2005	Annual	MDV	15 MPH	8.761E-04	2.125E-03	1.636E-02	1.272E-05	1.764E-05	8.102E-05	2.600E-05	1.247E-04	4.409E-06	3.472E-05	2.376E-05	6.289E-05	2.436E+00	2.436E+00
County	Fresno	2005	Annual	MH	15 MPH	5.858E-03	8.481E-03	1.234E-01	4.977E-05	1.898E-05	1.123E-04	2.361E-04	3.674E-04	4.744E-06	4.815E-05	2.137E-04	2.666E-04	3.198E+00	3.198E+00
County	Fresno	2005	Annual	Motor Coach	15 MPH	7.818E-03	5.838E-02	2.195E-02	3.418E-04	2.646E-05	2.873E-04	3.354E-03	3.668E-03	6.614E-06	1.231E-04	3.085E-03	3.215E-03	6.014E+00	6.014E+00
County	Fresno	2005	Annual	OBUS	15 MPH	3.457E-03	5.466E-03	4.946E-02	1.550E-05	1.764E-05	8.102E-05	2.132E-05	1.200E-04	4.409E-06	3.472E-05	1.938E-05	5.851E-05	3.070E+00	3.070E+00
County	Fresno	2005	Annual	PTO	15 MPH	2.711E-03	4.326E-02	1.557E-02	4.261E-04	0.000E+00	0.000E+00	2.251E-03	2.251E-03	0.000E+00	0.000E+00	2.071E-03	2.071E-03	4.808E+00	4.808E+00
County	Fresno	2005	Annual	SBUS	15 MPH	8.175E-03	3.075E-02	8.116E-02	2.088E-04	2.472E-05	1.334E-03	1.870E-03	3.229E-03	6.179E-06	5.719E-04	1.718E-03	2.296E-03	3.787E+00	3.787E+00
County	Fresno	2005	Annual	T6 Ag	15 MPH	5.755E-03	3.762E-02	1.173E-02	2.400E-04	2.646E-05	2.873E-04	2.803E-03	3.117E-03	6.614E-06	1.231E-04	2.579E-03	2.709E-03	3.973E+00	3.973E+00
County	Fresno	2005	Annual	T6 CAIRP heavy	15 MPH	3.865E-03	3.404E-02	8.366E-03	2.361E-04	2.646E-05	2.873E-04	1.945E-03	2.259E-03	6.614E-06	1.231E-04	1.789E-03	1.919E-03	3.908E+00	3.908E+00
County	Fresno	2005	Annual	T6 CAIRP small	15 MPH	2.986E-03	3.247E-02	6.783E-03	2.348E-04	2.646E-05	2.873E-04	1.559E-03	1.872E-03	6.614E-06	1.231E-04	1.434E-03	1.564E-03	3.886E+00	3.886E+00
County	Fresno	2005	Annual	T6 instate construction heavy	15 MPH	5.881E-03	3.763E-02	1.204E-02	2.391E-04	2.646E-05	2.873E-04	2.838E-03	3.152E-03	6.614E-06	1.231E-04	2.611E-03	2.741E-03	3.957E+00	3.957E+00
County	Fresno	2005	Annual	T6 instate construction small	15 MPH	3.905E-03	3.440E-02	8.628E-03	2.354E-04	2.646E-05	2.873E-04	1.989E-03	2.303E-03	6.614E-06	1.231E-04	1.830E-03	1.960E-03	3.897E+00	3.897E+00
County	Fresno	2005	Annual	T6 instate heavy	15 MPH	5.881E-03	3.763E-02	1.204E-02	2.391E-04	2.646E-05	2.873E-04	2.838E-03	3.152E-03	6.614E-06	1.231E-04	2.611E-03	2.741E-03	3.957E+00	3.957E+00
County	Fresno	2005	Annual	T6 instate small	15 MPH	3.905E-03	3.440E-02	8.628E-03	2.354E-04	2.646E-05	2.873E-04	1.989E-03	2.303E-03	6.614E-06	1.231E-04	1.830E-03	1.960E-03	3.897E+00	3.897E+00
County	Fresno	2005	Annual	T6 OOS heavy	15 MPH	3.865E-03	3.404E-02	8.366E-03	2.361E-04	2.646E-05	2.873E-04	1.945E-03	2.259E-03	6.614E-06	1.231E-04	1.789E-03	1.919E-03	3.908E+00	3.908E+00
County	Fresno	2005	Annual	T6 OOS small	15 MPH	2.986E-03	3.247E-02	6.783E-03	2.348E-04	2.646E-05	2.873E-04	1.559E-03	1.872E-03	6.614E-06	1.231E-04	1.434E-03	1.564E-03	3.886E+00	3.886E+00
County	Fresno	2005	Annual	T6 Public	15 MPH	3.398E-03	3.598E-02	6.819E-03	2.410E-04	2.646E-05	2.873E-04	1.984E-03	2.298E-03	6.614E-06	1.231E-04	1.825E-03	1.955E-03	3.989E+00	3.989E+00
County	Fresno	2005	Annual	T6 utility	15 MPH	2.002E-03	3.212E-02	4.407E-03	2.354E-04	2.646E-05	2.873E-04	1.330E-03	1.644E-03	6.614E-06	1.231E-04	1.224E-03	1.354E-03	3.895E+00	3.895E+00
County	Fresno	2005	Annual	T6TS	15 MPH	9.967E-03	7.843E-03	1.501E-01	1.636E-05	1.764E-05	8.102E-05	6.167E-05	1.603E-04	4.409E-06	3.472E-05	5.354E-05	9.268E-05	3.070E+00	3.070E+00
County	Fresno	2005	Annual	T7 Ag	15 MPH	9.361E-03	6.077E-02	2.863E-02	3.485E-04	7.937E-05	1.361E-04	4.585E-03	4.801E-03	1.984E-05	5.833E-05	4.218E-03	4.296E-03	6.132E+00	6.132E+00
County	Fresno	2005	Annual	T7 CAIRP	15 MPH	9.144E-03	5.975E-02	2.472E-02	3.408E-04	7.937E-05	1.361E-04	3.418E-03	3.633E-03	1.984E-05	5.833E-05	3.144E-03	3.223E-03	5.995E+00	5.995E+00
County	Fresno	2005	Annual	T7 CAIRP construction	15 MPH	9.144E-03	5.975E-02	2.472E-02	3.408E-04	7.937E-05	1.361E-04	3.418E-03	3.633E-03	1.984E-05	5.833E-05	3.144E-03	3.223E-03	5.995E+00	5.995E+00
County	Fresno	2005	Annual	T7 NNOOS	15 MPH	5.633E-03	5.043E-02	1.477E-02	3.399E-04	7.937E-05	1.361E-04	2.073E-03	2.288E-03	1.984E-05	5.833E-05	1.907E-03	1.985E-03	5.980E+00	5.980E+00
County	Fresno	2005	Annual	T7 NOOS	15 MPH	9.144E-03	5.975E-02	2.472E-02	3.408E-04	7.937E-05	1.361E-04	3.418E-03	3.633E-03	1.984E-05	5.833E-05	3.144E-03	3.223E-03	5.995E+00	5.995E+00
County	Fresno	2005	Annual	T7 other port	15 MPH	1.132E-02	6.250E-02	3.247E-02	3.383E-04	7.937E-05	1.361E-04	4.597E-03	4.812E-03	1.984E-05	5.833E-05	4.229E-03	4.307E-03	5.953E+00	5.953E+00
County	Fresno	2005	Annual	T7 POAK	15 MPH	1.166E-02	6.293E-02	3.367E-02	3.391E-04	7.937E-05	1.361E-04	4.827E-03	5.043E-03	1.984E-05	5.833E-05	4.441E-03	4.519E-03	5.967E+00	5.967E+00
County	Fresno	2005	Annual	T7 POLA	15 MPH	1.262E-02	6.421E-02	3.810E-02	3.474E-04	7.937E-05	1.361E-04	5.783E-03	5.999E-03	1.984E-05	5.833E-05	5.321E-03	5.399E-03	6.112E+00	6.112E+00
County	Fresno	2005	Annual	T7 Public	15 MPH	5.873E-03	5.945E-02	1.906E-02	3.565E-04	7.937E-05	1.361E-04	3.714E-03	3.929E-03	1.984E-05	5.833E-05	3.417E-03	3.495E-03	6.272E+00	6.272E+00
County	Fresno	2005	Annual	T7 Single	15 MPH	6.045E-03	5.463E-02	1.807E-02	3.448E-04	7.937E-05	1.361E-04	3.068E-03	3.284E-03	1.984E-05	5.833E-05	2.823E-03	2.901E-03	6.066E+00	6.066E+00
County	Fresno	2005	Annual	T7 single construction	15 MPH	6.045E-03	5.463E-02	1.807E-02	3.448E-04	7.937E-05	1.361E-04	3.068E-03	3.284E-03	1.984E-05	5.833E-05	2.823E-03	2.901E-03	6.066E+00	6.066E+00
County	Fresno	2005	Annual	T7 SWCV	15 MPH	5.654E-03	5.658E-02	1.753E-02	3.488E-04	7.937E-05	1.361E-04	3.259E-03	3.474E-03	1.984E-05	5.833E-05	2.998E-03	3.076E-03	6.136E+00	6.136E+00
County	Fresno	2005	Annual	T7 tractor	15 MPH	9.525E-03	5.953E-02	2.758E-02	3.435E-04	7.937E-05	1.361E-04	4.028E-03	4.243E-03	1.984E-05	5.833E-05	3.706E-03	3.784E-03	6.043E+00	6.043E+00
County	Fresno	2005	Annual	T7 tractor construction	15 MPH	9.567E-03	5.936E-02	2.786E-02	3.438E-04	7.937E-05	1.361E-04	4.083E-03	4.298E-03	1.984E-05	5.833E-05	3.756E-03	3.834E-03	6.048E+00	6.048E+00
County	Fresno	2005	Annual	T7 utility	15 MPH	3.642E-03	5.355E-02	1.069E-02	3.440E-04	7.937E-05	1.361E-04	2.292E-03	2.507E-03	1.984E-05	5.833E-05	2.108E-03	2.186E-03	6.053E+00	6.053E+00
County	Fresno	2005	Annual	T7IS	15 MPH	2.183E-02	1.756E-02	4.387E-01	1.587E-05	1.764E-05	8.102E-05	3.497E-05	1.336E-04	4.409E-06	3.472E-05	2.857E-05	6.771E-05	3.070E+00	3.070E+00
County	Fresno	2005	Annual	UBUS	15 MPH	3.913E-03	3.927E-02	3.357E-02	3.654E-04	1.764E-05	1.320E-03	9.469E-04	2.284E-03	4.409E-06	5.657E-04	8.707E-04	1.441E-03	4.970E+00	4.970E+00

County	Fresno	2005	Annual	All Other Buses	20 MPH	2.465E-03	2.934E-02	9.519E-03	2.396E-04	2.646E-05	2.873E-04	1.860E-03	2.174E-03	6.614E-06	1.231E-04	1.711E-03	1.841E-03	3.128E+00	3.128E+00
County	Fresno	2005	Annual	LDA	20 MPH	6.307E-04	1.117E-03	1.301E-02	7.638E-06	1.764E-05	8.102E-05	3.018E-05	1.288E-04	4.409E-06	3.472E-05	2.758E-05	6.671E-05	1.125E+00	1.125E+00
County	Fresno	2005	Annual	LDT1	20 MPH	1.644E-03	2.395E-03	3.003E-02	8.826E-06	1.764E-05	8.102E-05	4.859E-05	1.472E-04	4.409E-06	3.472E-05	4.344E-05	8.257E-05	1.286E+00	1.286E+00
County	Fresno	2005	Annual	LDT2	20 MPH	7.859E-04	1.986E-03	1.646E-02	1.030E-05	1.764E-05	8.102E-05	2.646E-05	1.251E-04	4.409E-06	3.472E-05	2.400E-05	6.313E-05	1.552E+00	1.552E+00
County	Fresno	2005	Annual	LHD1	20 MPH	1.332E-03	7.262E-03	1.513E-02	5.636E-05	2.132E-05	1.176E-04	9.255E-05	2.314E-04	5.330E-06	5.039E-05	8.507E-05	1.408E-04	1.782E+00	1.782E+00
County	Fresno	2005	Annual	LHD2	20 MPH	1.421E-03	9.512E-03	1.865E-02	7.244E-05	2.299E-05	1.512E-04	1.323E-04	3.065E-04	5.747E-06	6.479E-05	1.210E-04	1.915E-04	1.587E+00	1.587E+00
County	Fresno	2005	Annual	MCY	20 MPH	7.444E-03	2.586E-03	6.594E-02	4.787E-06	1.762E-05	8.089E-05	1.158E-05	1.101E-04	4.404E-06	3.467E-05	8.916E-06	4.799E-05	3.397E-01	3.397E-01
County	Fresno	2005	Annual	MDV	20 MPH	6.378E-04	1.904E-03	1.397E-02	1.272E-05	1.764E-05	8.102E-05	1.875E-05	1.174E-04	4.409E-06	3.472E-05	1.711E-05	5.624E-05	1.929E+00	1.929E+00
County	Fresno	2005	Annual	MH	20 MPH	4.017E-03	7.589E-03	8.922E-02	4.977E-05	1.898E-05	1.123E-04	1.593E-04	2.906E-04	4.744E-06	4.815E-05	1.441E-04	1.970E-04	2.369E+00	2.369E+00
County	Fresno	2005	Annual	Motor Coach	20 MPH	3.100E-03	4.389E-02	1.572E-02	3.418E-04	2.646E-05	2.873E-04	1.979E-03	2.293E-03	6.614E-06	1.231E-04	1.821E-03	1.950E-03	4.744E+00	4.744E+00
County	Fresno	2005	Annual	OBUS	20 MPH	2.406E-03	5.724E-03	3.575E-02	1.550E-05	1.764E-05	8.102E-05	1.486E-05	1.135E-04	4.409E-06	3.472E-05	1.351E-05	5.264E-05	2.218E+00	2.218E+00
County	Fresno	2005	Annual	PTO	20 MPH	2.459E-03	4.182E-02	1.371E-02	4.261E-04	0.000E+00	0.000E+00	2.016E-03	2.016E-03	0.000E+00	0.000E+00	1.855E-03	1.855E-03	4.785E+00	4.785E+00
County	Fresno	2005	Annual	SBUS	20 MPH	4.669E-03	2.417E-02	5.902E-02	2.088E-04	2.472E-05	1.334E-03	1.231E-03	2.591E-03	6.179E-06	5.719E-04	1.131E-03	1.709E-03	2.947E+00	2.947E+00
County	Fresno	2005	Annual	T6 Ag	20 MPH	2.362E-03	2.902E-02	9.068E-03	2.400E-04	2.646E-05	2.873E-04	1.832E-03	2.146E-03	6.614E-06	1.231E-04	1.686E-03	1.815E-03	3.134E+00	3.134E+00
County	Fresno	2005	Annual	T6 CAIRP heavy	20 MPH	1.558E-03	2.576E-02	6.055E-03	2.361E-04	2.646E-05	2.873E-04	1.200E-03	1.513E-03	6.614E-06	1.231E-04	1.104E-03	1.233E-03	3.083E+00	3.083E+00
County	Fresno	2005	Annual	T6 CAIRP small	20 MPH	1.186E-03	2.433E-02	4.662E-03	2.348E-04	2.646E-05	2.873E-04	9.206E-04	1.234E-03	6.614E-06	1.231E-04	8.470E-04	9.767E-04	3.066E+00	3.066E+00
County	Fresno	2005	Annual	T6 instate construction heavy	20 MPH	2.409E-03	2.899E-02	9.265E-03	2.391E-04	2.646E-05	2.873E-04	1.839E-03	2.153E-03	6.614E-06	1.231E-04	1.692E-03	1.822E-03	3.121E+00	3.121E+00
County	Fresno	2005	Annual	T6 instate construction small	20 MPH	1.563E-03	2.593E-02	6.155E-03	2.354E-04	2.646E-05	2.873E-04	1.195E-03	1.509E-03	6.614E-06	1.231E-04	1.099E-03	1.229E-03	3.074E+00	3.074E+00
County	Fresno	2005	Annual	T6 instate heavy	20 MPH	2.409E-03	2.899E-02	9.265E-03	2.391E-04	2.646E-05	2.873E-04	1.839E-03	2.153E-03	6.614E-06	1.231E-04	1.692E-03	1.822E-03	3.121E+00	3.121E+00
County	Fresno	2005	Annual	T6 instate small	20 MPH	1.563E-03	2.593E-02	6.155E-03	2.354E-04	2.646E-05	2.873E-04	1.195E-03	1.509E-03	6.614E-06	1.231E-04	1.099E-03	1.229E-03	3.074E+00	3.074E+00
County	Fresno	2005	Annual	T6 OOS heavy	20 MPH	1.558E-03	2.576E-02	6.055E-03	2.361E-04	2.646E-05	2.873E-04	1.200E-03	1.513E-03	6.614E-06	1.231E-04	1.104E-03	1.233E-03	3.083E+00	3.083E+00
County	Fresno	2005	Annual	T6 OOS small	20 MPH	1.186E-03	2.433E-02	4.662E-03	2.348E-04	2.646E-05	2.873E-04	9.206E-04	1.234E-03	6.614E-06	1.231E-04	8.470E-04	9.767E-04	3.066E+00	3.066E+00
County	Fresno	2005	Annual	T6 Public	20 MPH	1.402E-03	2.789E-02	5.333E-03	2.410E-04	2.646E-05	2.873E-04	1.309E-03	1.623E-03	6.614E-06	1.231E-04	1.205E-03	1.334E-03	3.147E+00	3.147E+00
County	Fresno	2005	Annual	T6 utility	20 MPH	8.034E-04	2.421E-02	3.112E-03	2.354E-04	2.646E-05	2.873E-04	8.043E-04	1.118E-03	6.614E-06	1.231E-04	7.399E-04	8.697E-04	3.073E+00	3.073E+00
County	Fresno	2005	Annual	T6TS	20 MPH	6.945E-03	8.212E-03	1.085E-01	1.636E-05	1.764E-05	8.102E-05	4.300E-05	1.417E-04	4.409E-06	3.472E-05	3.734E-05	7.647E-05	2.218E+00	2.218E+00
County	Fresno	2005	Annual	T7 Ag	20 MPH	3.805E-03	4.677E-02	2.229E-02	3.485E-04	7.937E-05	1.361E-04	2.987E-03	3.202E-03	1.984E-05	5.833E-05	2.748E-03	2.826E-03	4.837E+00	4.837E+00
County	Fresno	2005	Annual	T7 CAIRP	20 MPH	3.596E-03	4.468E-02	1.712E-02	3.408E-04	7.937E-05	1.361E-04	1.944E-03	2.159E-03	1.984E-05	5.833E-05	1.788E-03	1.867E-03	4.730E+00	4.730E+00
County	Fresno	2005	Annual	T7 CAIRP construction	20 MPH	3.596E-03	4.468E-02	1.712E-02	3.408E-04	7.937E-05	1.361E-04	1.944E-03	2.159E-03	1.984E-05	5.833E-05	1.788E-03	1.867E-03	4.730E+00	4.730E+00
County	Fresno	2005	Annual	T7 NNOOS	20 MPH	2.250E-03	3.782E-02	9.747E-03	3.399E-04	7.937E-05	1.361E-04	1.294E-03	1.510E-03	1.984E-05	5.833E-05	1.191E-03	1.269E-03	4.718E+00	4.718E+00
County	Fresno	2005	Annual	T7 NOOS	20 MPH	3.596E-03	4.468E-02	1.712E-02	3.408E-04	7.937E-05	1.361E-04	1.944E-03	2.159E-03	1.984E-05	5.833E-05	1.788E-03	1.867E-03	4.730E+00	4.730E+00
County	Fresno	2005	Annual	T7 other port	20 MPH	4.442E-03	4.678E-02	2.294E-02	3.383E-04	7.937E-05	1.361E-04	2.569E-03	2.785E-03	1.984E-05	5.833E-05	2.364E-03	2.442E-03	4.696E+00	4.696E+00
County	Fresno	2005	Annual	T7 POAK	20 MPH	4.587E-03	4.723E-02	2.402E-02	3.391E-04	7.937E-05	1.361E-04	2.737E-03	2.952E-03	1.984E-05	5.833E-05	2.518E-03	2.596E-03	4.707E+00	4.707E+00
County	Fresno	2005	Annual	T7 POLA	20 MPH	5.081E-03	4.928E-02	2.905E-02	3.474E-04	7.937E-05	1.361E-04	3.634E-03	3.850E-03	1.984E-05	5.833E-05	3.344E-03	3.422E-03	4.822E+00	4.822E+00
County	Fresno	2005	Annual	T7 Public	20 MPH	2.442E-03	4.693E-02	1.568E-02	3.565E-04	7.937E-05	1.361E-04	2.600E-03	2.815E-03	1.984E-05	5.833E-05	2.392E-03	2.470E-03	4.948E+00	4.948E+00
County	Fresno	2005	Annual	T7 Single	20 MPH	2.459E-03	4.182E-02	1.371E-02	3.448E-04	7.937E-05	1.361E-04	2.016E-03	2.231E-03	1.984E-05	5.833E-05	1.855E-03	1.933E-03	4.785E+00	4.785E+00
County	Fresno	2005	Annual	T7 single construction	20 MPH	2.459E-03	4.182E-02	1.371E-02	3.448E-04	7.937E-05	1.361E-04	2.016E-03	2.231E-03	1.984E-05	5.833E-05	1.855E-03	1.933E-03	4.785E+00	4.785E+00
County	Fresno	2005	Annual	T7 SWCV	20 MPH	2.319E-03	4.372E-02	1.382E-02	3.488E-04	7.937E-05	1.361E-04	2.183E-03	2.398E-03	1.984E-05	5.833E-05	2.008E-03	2.086E-03	4.841E+00	4.841E+00
County	Fresno	2005	Annual	T7 tractor	20 MPH	3.810E-03	4.515E-02	2.032E-02	3.435E-04	7.937E-05	1.361E-04	2.484E-03	2.700E-03	1.984E-05	5.833E-05	2.286E-03	2.364E-03	4.767E+00	4.767E+00
County	Fresno	2005	Annual	T7 tractor construction	20 MPH	3.835E-03	4.509E-02	2.063E-02	3.438E-04	7.937E-05	1.361E-04	2.539E-03	2.755E-03	1.984E-05	5.833E-05	2.336E-03	2.414E-03	4.772E+00	4.772E+00
County	Fresno	2005	Annual	T7 utility	20 MPH	1.474E-03	4.078E-02	7.980E-03	3.440E-04	7.937E-05	1.361E-04	1.459E-03	1.675E-03	1.984E-05	5.833E-05	1.343E-03	1.421E-03	4.775E+00	4.775E+00
County	Fresno	2005	Annual	T7IS	20 MPH	1.526E-02	1.851E-02	3.184E-01	1.587E-05	1.764E-05	8.102E-05	2.438E-05	1.230E-04	4.409E-06	3.472E-05	1.993E-05	5.906E-05	2.218E+00	2.218E+00
County	Fresno	2005	Annual	UBUS	20 MPH	2.860E-03	3.283E-02	2.392E-02	3.654E-04	1.764E-05	1.320E-03	7.236E-04	2.061E-03	4.409E-06	5.657E-04	6.654E-04	1.235E-03	4.713E+00	4.713E+00

County	Fresno	2005	Annual	All Other Buses	25 MPH	2.048E-03	2.818E-02	8.056E-03	2.396E-04	2.646E-05	2.873E-04	1.581E-03	1.895E-03	6.614E-06	1.231E-04	1.455E-03	1.585E-03	2.918E+00	2.918E+00
County	Fresno	2005	Annual	LDA	25 MPH	4.882E-04	1.028E-03	1.160E-02	7.638E-06	1.764E-05	8.102E-05	2.290E-05	1.216E-04	4.409E-06	3.472E-05	2.091E-05	6.004E-05	9.340E-01	9.340E-01
County	Fresno	2005	Annual	LDT1	25 MPH	1.294E-03	2.220E-03	2.620E-02	8.826E-06	1.764E-05	8.102E-05	3.744E-05	1.361E-04	4.409E-06	3.472E-05	3.342E-05	7.255E-05	1.067E+00	1.067E+00
County	Fresno	2005	Annual	LDT2	25 MPH	6.112E-04	1.814E-03	1.462E-02	1.030E-05	1.764E-05	8.102E-05	2.012E-05	1.188E-04	4.409E-06	3.472E-05	1.824E-05	5.737E-05	1.288E+00	1.288E+00
County	Fresno	2005	Annual	LHD1	25 MPH	9.907E-04	6.815E-03	1.153E-02	5.636E-05	2.132E-05	1.176E-04	7.545E-05	2.143E-04	5.330E-06	5.039E-05	6.936E-05	1.251E-04	1.476E+00	1.476E+00
County	Fresno	2005	Annual	LHD2	25 MPH	1.079E-03	8.785E-03	1.434E-02	7.244E-05	2.299E-05	1.512E-04	1.086E-04	2.828E-04	5.747E-06	6.479E-05	9.937E-05	1.699E-04	1.381E+00	1.381E+00
County	Fresno	2005	Annual	MCY	25 MPH	6.580E-03	2.693E-03	6.162E-02	4.787E-06	1.762E-05	8.089E-05	1.023E-05	1.087E-04	4.404E-06	3.467E-05	7.880E-06	4.695E-05	3.022E-01	3.022E-01
County	Fresno	2005	Annual	MDV	25 MPH	4.929E-04	1.739E-03	1.241E-02	1.272E-05	1.764E-05	8.102E-05	1.421E-05	1.129E-04	4.409E-06	3.472E-05	1.296E-05	5.209E-05	1.601E+00	1.601E+00
County	Fresno	2005	Annual	MH	25 MPH	2.916E-03	7.514E-03	6.816E-02	4.977E-05	1.898E-05	1.123E-04	1.252E-04	2.565E-04	4.744E-06	4.815E-05	1.134E-04	1.663E-04	1.873E+00	1.873E+00
County	Fresno	2005	Annual	Motor Coach	25 MPH	2.468E-03	4.266E-02	1.316E-02	3.418E-04	2.646E-05	2.873E-04	1.618E-03	1.932E-03	6.614E-06	1.231E-04	1.489E-03	1.618E-03	4.426E+00	4.426E+00
County	Fresno	2005	Annual	OBUS	25 MPH	1.750E-03	5.977E-03	2.730E-02	1.550E-05	1.764E-05	8.102E-05	1.080E-05	1.095E-04	4.409E-06	3.472E-05	9.821E-06	4.895E-05	1.693E+00	1.693E+00
County	Fresno	2005	Annual	PTO	25 MPH	2.711E-03	4.326E-02	1.557E-02	4.261E-04	0.000E+00	0.000E+00	2.251E-03	2.251E-03	0.000E+00	0.000E+00	2.071E-03	2.071E-03	4.808E+00	4.808E+00
County	Fresno	2005	Annual	SBUS	25 MPH	3.558E-03	2.326E-02	4.556E-02	2.088E-04	2.472E-05	1.334E-03	1.054E-03	2.413E-03	6.179E-06	5.719E-04	9.683E-04	1.546E-03	2.676E+00	2.676E+00
County	Fresno	2005	Annual	T6 Ag	25 MPH	1.971E-03	2.775E-02	7.689E-03	2.400E-04	2.646E-05	2.873E-04	1.567E-03	1.881E-03	6.614E-06	1.231E-04	1.442E-03	1.572E-03	2.924E+00	2.924E+00
County	Fresno	2005	Annual	T6 CAIRP heavy	25 MPH	1.268E-03	2.475E-02	5.105E-03	2.361E-04	2.646E-05	2.873E-04	1.001E-03	1.315E-03	6.614E-06	1.231E-04	9.211E-04	1.051E-03	2.876E+00	2.876E+00
County	Fresno	2005	Annual	T6 CAIRP small	25 MPH	9.447E-04	2.344E-02	3.913E-03	2.348E-04	2.646E-05	2.873E-04	7.535E-04	1.067E-03	6.614E-06	1.231E-04	6.932E-04	8.230E-04	2.860E+00	2.860E+00
County	Fresno	2005	Annual	T6 instate construction heavy	25 MPH	2.005E-03	2.774E-02	7.849E-03	2.391E-04	2.646E-05	2.873E-04	1.567E-03	1.881E-03	6.614E-06	1.231E-04	1.442E-03	1.572E-03	2.912E+00	2.912E+00
County	Fresno	2005	Annual	T6 instate construction small	25 MPH	1.260E-03	2.502E-02	5.171E-03	2.354E-04	2.646E-05	2.873E-04	9.855E-04	1.299E-03	6.614E-06	1.231E-04	9.067E-04	1.036E-03	2.868E+00	2.868E+00
County	Fresno	2005	Annual	T6 instate heavy	25 MPH	2.005E-03	2.774E-02	7.849E-03	2.391E-04	2.646E-05	2.873E-04	1.567E-03	1.881E-03	6.614E-06	1.231E-04	1.442E-03	1.572E-03	2.912E+00	2.912E+00
County	Fresno	2005	Annual	T6 instate small	25 MPH	1.260E-03	2.502E-02	5.171E-03	2.354E-04	2.646E-05	2.873E-04	9.855E-04	1.299E-03	6.614E-06	1.231E-04	9.067E-04	1.036E-03	2.868E+00	2.868E+00
County	Fresno	2005	Annual	T6 OOS heavy	25 MPH	1.268E-03	2.475E-02	5.105E-03	2.361E-04	2.646E-05	2.873E-04	1.001E-03	1.315E-03	6.614E-06	1.231E-04	9.211E-04	1.051E-03	2.876E+00	2.876E+00
County	Fresno	2005	Annual	T6 OOS small	25 MPH	9.447E-04	2.344E-02	3.913E-03	2.348E-04	2.646E-05	2.873E-04	7.535E-04	1.067E-03	6.614E-06	1.231E-04	6.932E-04	8.230E-04	2.860E+00	2.860E+00
County	Fresno	2005	Annual	T6 Public	25 MPH	1.178E-03	2.661E-02	4.534E-03	2.410E-04	2.646E-05	2.873E-04	1.124E-03	1.438E-03	6.614E-06	1.231E-04	1.034E-03	1.164E-03	2.936E+00	2.936E+00
County	Fresno	2005	Annual	T6 utility	25 MPH	6.497E-04	2.335E-02	2.624E-03	2.354E-04	2.646E-05	2.873E-04	6.653E-04	9.791E-04	6.614E-06	1.231E-04	6.120E-04	7.418E-04	2.867E+00	2.867E+00
County	Fresno	2005	Annual	T6TS	25 MPH	5.049E-03	8.575E-03	8.290E-02	1.636E-05	1.764E-05	8.102E-05	3.126E-05	1.299E-04	4.409E-06	3.472E-05	2.714E-05	6.627E-05	1.693E+00	1.693E+00
County	Fresno	2005	Annual	T7 Ag	25 MPH	3.134E-03	4.497E-02	1.888E-02	3.485E-04	7.937E-05	1.361E-04	2.551E-03	2.766E-03	1.984E-05	5.833E-05	2.347E-03	2.425E-03	4.513E+00	4.513E+00
County	Fresno	2005	Annual	T7 CAIRP	25 MPH	2.829E-03	4.347E-02	1.427E-02	3.408E-04	7.937E-05	1.361E-04	1.561E-03	1.777E-03	1.984E-05	5.833E-05	1.436E-03	1.515E-03	4.413E+00	4.413E+00
County	Fresno	2005	Annual	T7 CAIRP construction	25 MPH	2.829E-03	4.347E-02	1.427E-02	3.408E-04	7.937E-05	1.361E-04	1.561E-03	1.777E-03	1.984E-05	5.833E-05	1.436E-03	1.515E-03	4.413E+00	4.413E+00
County	Fresno	2005	Annual	T7 NNOOS	25 MPH	1.806E-03	3.571E-02	8.270E-03	3.399E-04	7.937E-05	1.361E-04	1.087E-03	1.303E-03	1.984E-05	5.833E-05	1.000E-03	1.079E-03	4.402E+00	4.402E+00
County	Fresno	2005	Annual	T7 NOOS	25 MPH	2.829E-03	4.347E-02	1.427E-02	3.408E-04	7.937E-05	1.361E-04	1.561E-03	1.777E-03	1.984E-05	5.833E-05	1.436E-03	1.515E-03	4.413E+00	4.413E+00
County	Fresno	2005	Annual	T7 other port	25 MPH	3.485E-03	4.602E-02	1.906E-02	3.383E-04	7.937E-05	1.361E-04	2.044E-03	2.260E-03	1.984E-05	5.833E-05	1.881E-03	1.959E-03	4.382E+00	4.382E+00
County	Fresno	2005	Annual	T7 POAK	25 MPH	3.614E-03	4.640E-02	1.999E-02	3.391E-04	7.937E-05	1.361E-04	2.194E-03	2.409E-03	1.984E-05	5.833E-05	2.018E-03	2.096E-03	4.392E+00	4.392E+00
County	Fresno	2005	Annual	T7 POLA	25 MPH	4.132E-03	4.761E-02	2.448E-02	3.474E-04	7.937E-05	1.361E-04	3.057E-03	3.272E-03	1.984E-05	5.833E-05	2.812E-03	2.890E-03	4.499E+00	4.499E+00
County	Fresno	2005	Annual	T7 Public	25 MPH	2.072E-03	4.439E-02	1.341E-02	3.565E-04	7.937E-05	1.361E-04	2.283E-03	2.499E-03	1.984E-05	5.833E-05	2.101E-03	2.179E-03	4.617E+00	4.617E+00
County	Fresno	2005	Annual	T7 Single	25 MPH	2.026E-03	3.986E-02	1.165E-02	3.448E-04	7.937E-05	1.361E-04	1.728E-03	1.943E-03	1.984E-05	5.833E-05	1.590E-03	1.668E-03	4.465E+00	4.465E+00
County	Fresno	2005	Annual	T7 single construction	25 MPH	2.026E-03	3.986E-02	1.165E-02	3.448E-04	7.937E-05	1.361E-04	1.728E-03	1.943E-03	1.984E-05	5.833E-05	1.590E-03	1.668E-03	4.465E+00	4.465E+00
County	Fresno	2005	Annual	T7 SWCV	25 MPH	1.932E-03	4.174E-02	1.176E-02	3.488E-04	7.937E-05	1.361E-04	1.885E-03	2.101E-03	1.984E-05	5.833E-05	1.734E-03	1.813E-03	4.517E+00	4.517E+00
County	Fresno	2005	Annual	T7 tractor	25 MPH	3.070E-03	4.357E-02	1.710E-02	3.435E-04	7.937E-05	1.361E-04	2.073E-03	2.288E-03	1.984E-05	5.833E-05	1.907E-03	1.985E-03	4.448E+00	4.448E+00
County	Fresno	2005	Annual	T7 tractor construction	25 MPH	3.098E-03	4.344E-02	1.737E-02	3.438E-04	7.937E-05	1.361E-04	2.127E-03	2.342E-03	1.984E-05	5.833E-05	1.957E-03	2.035E-03	4.452E+00	4.452E+00
County	Fresno	2005	Annual	T7 utility	25 MPH	1.205E-03	3.919E-02	6.765E-03	3.440E-04	7.937E-05	1.361E-04	1.235E-03	1.450E-03	1.984E-05	5.833E-05	1.136E-03	1.214E-03	4.455E+00	4.455E+00
County	Fresno	2005	Annual	T7IS	25 MPH	1.107E-02	1.926E-02	2.424E-01	1.587E-05	1.764E-05	8.102E-05	1.772E-05	1.164E-04	4.409E-06	3.472E-05	1.448E-05	5.362E-05	1.693E+00	1.693E+00
County	Fresno	2005	Annual	UBUS	25 MPH	2.176E-03	2.884E-02	1.804E-02	3.654E-04	1.764E-05	1.320E-03	5.727E-04	1.910E-03	4.409E-06	5.657E-04	5.266E-04	1.097E-03	4.555E+00	4.555E+00

County	Fresno	2005	Annual	All Other Buses	30 MPH	1.706E-03	2.726E-02	6.786E-03	2.396E-04	2.646E-05	2.873E-04	1.356E-03	1.670E-03	6.614E-06	1.231E-04	1.247E-03	1.377E-03	2.739E+00	2.739E+00
County	Fresno	2005	Annual	LDA	30 MPH	3.957E-04	9.649E-04	1.050E-02	7.638E-06	1.764E-05	8.102E-05	1.824E-05	1.169E-04	4.409E-06	3.472E-05	1.664E-05	5.577E-05	8.042E-01	8.042E-01
County	Fresno	2005	Annual	LDT1	30 MPH	1.064E-03	2.103E-03	2.342E-02	8.826E-06	1.764E-05	8.102E-05	3.020E-05	1.289E-04	4.409E-06	3.472E-05	2.692E-05	6.605E-05	9.185E-01	9.185E-01
County	Fresno	2005	Annual	LDT2	30 MPH	4.971E-04	1.692E-03	1.319E-02	1.030E-05	1.764E-05	8.102E-05	1.606E-05	1.147E-04	4.409E-06	3.472E-05	1.454E-05	5.367E-05	1.108E+00	1.108E+00
County	Fresno	2005	Annual	LHD1	30 MPH	7.727E-04	6.551E-03	9.293E-03	5.636E-05	2.132E-05	1.176E-04	6.314E-05	2.020E-04	5.330E-06	5.039E-05	5.805E-05	1.138E-04	1.286E+00	1.286E+00
County	Fresno	2005	Annual	LHD2	30 MPH	8.494E-04	8.342E-03	1.154E-02	7.244E-05	2.299E-05	1.512E-04	9.135E-05	2.655E-04	5.747E-06	6.479E-05	8.363E-05	1.542E-04	1.252E+00	1.252E+00
County	Fresno	2005	Annual	MCY	30 MPH	6.085E-03	2.802E-03	6.051E-02	4.787E-06	1.762E-05	8.089E-05	9.468E-06	1.080E-04	4.404E-06	3.467E-05	7.289E-06	4.636E-05	2.733E-01	2.733E-01
County	Fresno	2005	Annual	MDV	30 MPH	3.987E-04	1.620E-03	1.121E-02	1.272E-05	1.764E-05	8.102E-05	1.131E-05	1.100E-04	4.409E-06	3.472E-05	1.031E-05	4.944E-05	1.378E+00	1.378E+00
County	Fresno	2005	Annual	MH	30 MPH	2.221E-03	7.577E-03	5.497E-02	4.977E-05	1.898E-05	1.123E-04	1.051E-04	2.364E-04	4.744E-06	4.815E-05	9.530E-05	1.482E-04	1.569E+00	1.569E+00
County	Fresno	2005	Annual	Motor Coach	30 MPH	1.960E-03	4.173E-02	1.096E-02	3.418E-04	2.646E-05	2.873E-04	1.334E-03	1.648E-03	6.614E-06	1.231E-04	1.227E-03	1.357E-03	4.155E+00	4.155E+00
County	Fresno	2005	Annual	OBUS	30 MPH	1.325E-03	6.253E-03	2.199E-02	1.550E-05	1.764E-05	8.102E-05	8.186E-06	1.068E-04	4.409E-06	3.472E-05	7.441E-06	4.657E-05	1.366E+00	1.366E+00
County	Fresno	2005	Annual	PTO	30 MPH	2.711E-03	4.326E-02	1.557E-02	4.261E-04	0.000E+00	0.000E+00	2.251E-03	2.251E-03	0.000E+00	0.000E+00	2.071E-03	2.071E-03	4.808E+00	4.808E+00
County	Fresno	2005	Annual	SBUS	30 MPH	2.797E-03	2.254E-02	3.695E-02	2.088E-04	2.472E-05	1.334E-03	9.111E-04	2.270E-03	6.179E-06	5.719E-04	8.372E-04	1.415E-03	2.468E+00	2.468E+00
County	Fresno	2005	Annual	T6 Ag	30 MPH	1.649E-03	2.674E-02	6.491E-03	2.400E-04	2.646E-05	2.873E-04	1.353E-03	1.666E-03	6.614E-06	1.231E-04	1.244E-03	1.374E-03	2.745E+00	2.745E+00
County	Fresno	2005	Annual	T6 CAIRP heavy	30 MPH	1.032E-03	2.395E-02	4.287E-03	2.361E-04	2.646E-05	2.873E-04	8.459E-04	1.160E-03	6.614E-06	1.231E-04	7.783E-04	9.080E-04	2.700E+00	2.700E+00
County	Fresno	2005	Annual	T6 CAIRP small	30 MPH	7.506E-04	2.273E-02	3.273E-03	2.348E-04	2.646E-05	2.873E-04	6.257E-04	9.395E-04	6.614E-06	1.231E-04	5.757E-04	7.054E-04	2.685E+00	2.685E+00
County	Fresno	2005	Annual	T6 instate construction heavy	30 MPH	1.673E-03	2.673E-02	6.619E-03	2.391E-04	2.646E-05	2.873E-04	1.348E-03	1.662E-03	6.614E-06	1.231E-04	1.240E-03	1.370E-03	2.734E+00	2.734E+00
County	Fresno	2005	Annual	T6 instate construction small	30 MPH	1.015E-03	2.431E-02	4.325E-03	2.354E-04	2.646E-05	2.873E-04	8.219E-04	1.136E-03	6.614E-06	1.231E-04	7.561E-04	8.859E-04	2.692E+00	2.692E+00
County	Fresno	2005	Annual	T6 instate heavy	30 MPH	1.673E-03	2.673E-02	6.619E-03	2.391E-04	2.646E-05	2.873E-04	1.348E-03	1.662E-03	6.614E-06	1.231E-04	1.240E-03	1.370E-03	2.734E+00	2.734E+00
County	Fresno	2005	Annual	T6 instate small	30 MPH	1.015E-03	2.431E-02	4.325E-03	2.354E-04	2.646E-05	2.873E-04	8.219E-04	1.136E-03	6.614E-06	1.231E-04	7.561E-04	8.859E-04	2.692E+00	2.692E+00
County	Fresno	2005	Annual	T6 OOS heavy	30 MPH	1.032E-03	2.395E-02	4.287E-03	2.361E-04	2.646E-05	2.873E-04	8.459E-04	1.160E-03	6.614E-06	1.231E-04	7.783E-04	9.080E-04	2.700E+00	2.700E+00
County	Fresno	2005	Annual	T6 OOS small	30 MPH	7.506E-04	2.273E-02	3.273E-03	2.348E-04	2.646E-05	2.873E-04	6.257E-04	9.395E-04	6.614E-06	1.231E-04	5.757E-04	7.054E-04	2.685E+00	2.685E+00
County	Fresno	2005	Annual	T6 Public	30 MPH	9.919E-04	2.559E-02	3.839E-03	2.410E-04	2.646E-05	2.873E-04	9.744E-04	1.288E-03	6.614E-06	1.231E-04	8.964E-04	1.026E-03	2.756E+00	2.756E+00
County	Fresno	2005	Annual	T6 utility	30 MPH	5.251E-04	2.268E-02	2.205E-03	2.354E-04	2.646E-05	2.873E-04	5.576E-04	8.714E-04	6.614E-06	1.231E-04	5.130E-04	6.428E-04	2.691E+00	2.691E+00
County	Fresno	2005	Annual	T6TS	30 MPH	3.827E-03	8.974E-03	6.681E-02	1.636E-05	1.764E-05	8.102E-05	2.368E-05	1.223E-04	4.409E-06	3.472E-05	2.056E-05	5.969E-05	1.366E+00	1.366E+00
County	Fresno	2005	Annual	T7 Ag	30 MPH	2.585E-03	4.355E-02	1.592E-02	3.485E-04	7.937E-05	1.361E-04	2.196E-03	2.411E-03	1.984E-05	5.833E-05	2.020E-03	2.098E-03	4.236E+00	4.236E+00
County	Fresno	2005	Annual	T7 CAIRP	30 MPH	2.215E-03	4.256E-02	1.183E-02	3.408E-04	7.937E-05	1.361E-04	1.264E-03	1.479E-03	1.984E-05	5.833E-05	1.163E-03	1.241E-03	4.142E+00	4.142E+00
County	Fresno	2005	Annual	T7 CAIRP construction	30 MPH	2.215E-03	4.256E-02	1.183E-02	3.408E-04	7.937E-05	1.361E-04	1.264E-03	1.479E-03	1.984E-05	5.833E-05	1.163E-03	1.241E-03	4.142E+00	4.142E+00
County	Fresno	2005	Annual	T7 NNOOS	30 MPH	1.445E-03	3.397E-02	7.020E-03	3.399E-04	7.937E-05	1.361E-04	9.372E-04	1.153E-03	1.984E-05	5.833E-05	8.622E-04	9.404E-04	4.132E+00	4.132E+00
County	Fresno	2005	Annual	T7 NOOS	30 MPH	2.215E-03	4.256E-02	1.183E-02	3.408E-04	7.937E-05	1.361E-04	1.264E-03	1.479E-03	1.984E-05	5.833E-05	1.163E-03	1.241E-03	4.142E+00	4.142E+00
County	Fresno	2005	Annual	T7 other port	30 MPH	2.720E-03	4.551E-02	1.571E-02	3.383E-04	7.937E-05	1.361E-04	1.629E-03	1.845E-03	1.984E-05	5.833E-05	1.499E-03	1.577E-03	4.113E+00	4.113E+00
County	Fresno	2005	Annual	T7 POAK	30 MPH	2.835E-03	4.582E-02	1.651E-02	3.391E-04	7.937E-05	1.361E-04	1.763E-03	1.978E-03	1.984E-05	5.833E-05	1.622E-03	1.700E-03	4.123E+00	4.123E+00
County	Fresno	2005	Annual	T7 POLA	30 MPH	3.363E-03	4.632E-02	2.052E-02	3.474E-04	7.937E-05	1.361E-04	2.589E-03	2.804E-03	1.984E-05	5.833E-05	2.382E-03	2.460E-03	4.223E+00	4.223E+00
County	Fresno	2005	Annual	T7 Public	30 MPH	1.763E-03	4.233E-02	1.141E-02	3.565E-04	7.937E-05	1.361E-04	2.020E-03	2.235E-03	1.984E-05	5.833E-05	1.858E-03	1.937E-03	4.334E+00	4.334E+00
County	Fresno	2005	Annual	T7 Single	30 MPH	1.671E-03	3.827E-02	9.867E-03	3.448E-04	7.937E-05	1.361E-04	1.499E-03	1.715E-03	1.984E-05	5.833E-05	1.379E-03	1.457E-03	4.191E+00	4.191E+00
County	Fresno	2005	Annual	T7 single construction	30 MPH	1.671E-03	3.827E-02	9.867E-03	3.448E-04	7.937E-05	1.361E-04	1.499E-03	1.715E-03	1.984E-05	5.833E-05	1.379E-03	1.457E-03	4.191E+00	4.191E+00
County	Fresno	2005	Annual	T7 SWCV	30 MPH	1.614E-03	4.015E-02	9.975E-03	3.488E-04	7.937E-05	1.361E-04	1.644E-03	1.859E-03	1.984E-05	5.833E-05	1.512E-03	1.590E-03	4.240E+00	4.240E+00
County	Fresno	2005	Annual	T7 tractor	30 MPH	2.472E-03	4.234E-02	1.431E-02	3.435E-04	7.937E-05	1.361E-04	1.746E-03	1.962E-03	1.984E-05	5.833E-05	1.606E-03	1.685E-03	4.175E+00	4.175E+00
County	Fresno	2005	Annual	T7 tractor construction	30 MPH	2.502E-03	4.214E-02	1.456E-02	3.438E-04	7.937E-05	1.361E-04	1.799E-03	2.014E-03	1.984E-05	5.833E-05	1.655E-03	1.733E-03	4.179E+00	4.179E+00
County	Fresno	2005	Annual	T7 utility	30 MPH	9.864E-04	3.793E-02	5.715E-03	3.440E-04	7.937E-05	1.361E-04	1.057E-03	1.273E-03	1.984E-05	5.833E-05	9.727E-04	1.051E-03	4.182E+00	4.182E+00
County	Fresno	2005	Annual	T7IS	30 MPH	8.387E-03	2.004E-02	1.954E-01	1.587E-05	1.764E-05	8.102E-05	1.343E-05	1.121E-04	4.409E-06	3.472E-05	1.097E-05	5.011E-05	1.366E+00	1.366E+00
County	Fresno	2005	Annual	UBUS	30 MPH	1.722E-03	2.658E-02	1.440E-02	3.654E-04	1.764E-05	1.320E-03	4.694E-04	1.807E-03	4.409E-06	5.657E-04	4.317E-04	1.002E-03	4.456E+00	4.456E+00

County	Fresno	2005	Annual	All Other Buses	35 MPH	1.438E-03	2.659E-02	5.708E-03	2.396E-04	2.646E-05	2.873E-04	1.184E-03	1.498E-03	6.614E-06	1.231E-04	1.089E-03	1.219E-03	2.591E+00	2.591E+00
County	Fresno	2005	Annual	LDA	35 MPH	3.360E-04	9.215E-04	9.656E-03	7.638E-06	1.764E-05	8.102E-05	1.524E-05	1.139E-04	4.409E-06	3.472E-05	1.389E-05	5.302E-05	7.192E-01	7.192E-01
County	Fresno	2005	Annual	LDT1	35 MPH	9.150E-04	2.030E-03	2.148E-02	8.826E-06	1.764E-05	8.102E-05	2.549E-05	1.241E-04	4.409E-06	3.472E-05	2.269E-05	6.182E-05	8.212E-01	8.212E-01
County	Fresno	2005	Annual	LDT2	35 MPH	4.232E-04	1.608E-03	1.212E-02	1.030E-05	1.764E-05	8.102E-05	1.345E-05	1.121E-04	4.409E-06	3.472E-05	1.216E-05	5.129E-05	9.910E-01	9.910E-01
County	Fresno	2005	Annual	LHD1	35 MPH	6.193E-04	6.532E-03	7.884E-03	5.636E-05	2.132E-05	1.176E-04	5.418E-05	1.931E-04	5.330E-06	5.039E-05	4.982E-05	1.055E-04	1.168E+00	1.168E+00
County	Fresno	2005	Annual	LHD2	35 MPH	6.965E-04	8.234E-03	9.944E-03	7.244E-05	2.299E-05	1.512E-04	7.871E-05	2.529E-04	5.747E-06	6.479E-05	7.209E-05	1.426E-04	1.173E+00	1.173E+00
County	Fresno	2005	Annual	MCY	35 MPH	5.881E-03	2.910E-03	6.246E-02	4.787E-06	1.762E-05	8.089E-05	9.167E-06	1.077E-04	4.404E-06	3.467E-05	7.057E-06	4.613E-05	2.513E-01	2.513E-01
County	Fresno	2005	Annual	MDV	35 MPH	3.380E-04	1.539E-03	1.032E-02	1.272E-05	1.764E-05	8.102E-05	9.451E-06	1.081E-04	4.409E-06	3.472E-05	8.605E-06	4.774E-05	1.232E+00	1.232E+00
County	Fresno	2005	Annual	MH	35 MPH	1.759E-03	7.671E-03	4.696E-02	4.977E-05	1.898E-05	1.123E-04	9.115E-05	2.225E-04	4.744E-06	4.815E-05	8.278E-05	1.357E-04	1.375E+00	1.375E+00
County	Fresno	2005	Annual	Motor Coach	35 MPH	1.575E-03	4.109E-02	9.121E-03	3.418E-04	2.646E-05	2.873E-04	1.127E-03	1.441E-03	6.614E-06	1.231E-04	1.037E-03	1.167E-03	3.929E+00	3.929E+00
County	Fresno	2005	Annual	OBUS	35 MPH	1.043E-03	6.530E-03	1.873E-02	1.550E-05	1.764E-05	8.102E-05	6.465E-06	1.051E-04	4.409E-06	3.472E-05	5.877E-06	4.501E-05	1.164E+00	1.164E+00
County	Fresno	2005	Annual	PTO	35 MPH	2.711E-03	4.326E-02	1.557E-02	4.261E-04	0.000E+00	0.000E+00	2.251E-03	2.251E-03	0.000E+00	0.000E+00	2.071E-03	2.071E-03	4.808E+00	4.808E+00
County	Fresno	2005	Annual	SBUS	35 MPH	2.274E-03	2.203E-02	3.153E-02	2.088E-04	2.472E-05	1.334E-03	8.024E-04	2.162E-03	6.179E-06	5.719E-04	7.375E-04	1.316E-03	2.309E+00	2.309E+00
County	Fresno	2005	Annual	T6 Ag	35 MPH	1.395E-03	2.598E-02	5.473E-03	2.400E-04	2.646E-05	2.873E-04	1.189E-03	1.503E-03	6.614E-06	1.231E-04	1.094E-03	1.223E-03	2.596E+00	2.596E+00
County	Fresno	2005	Annual	T6 CAIRP heavy	35 MPH	8.503E-04	2.335E-02	3.601E-03	2.361E-04	2.646E-05	2.873E-04	7.339E-04	1.048E-03	6.614E-06	1.231E-04	6.752E-04	8.049E-04	2.554E+00	2.554E+00
County	Fresno	2005	Annual	T6 CAIRP small	35 MPH	6.031E-04	2.221E-02	2.742E-03	2.348E-04	2.646E-05	2.873E-04	5.372E-04	8.510E-04	6.614E-06	1.231E-04	4.942E-04	6.240E-04	2.539E+00	2.539E+00
County	Fresno	2005	Annual	T6 instate construction heavy	35 MPH	1.412E-03	2.598E-02	5.576E-03	2.391E-04	2.646E-05	2.873E-04	1.181E-03	1.495E-03	6.614E-06	1.231E-04	1.087E-03	1.217E-03	2.585E+00	2.585E+00
County	Fresno	2005	Annual	T6 instate construction small	35 MPH	8.274E-04	2.379E-02	3.617E-03	2.354E-04	2.646E-05	2.873E-04	7.042E-04	1.018E-03	6.614E-06	1.231E-04	6.478E-04	7.776E-04	2.546E+00	2.546E+00
County	Fresno	2005	Annual	T6 instate heavy	35 MPH	1.412E-03	2.598E-02	5.576E-03	2.391E-04	2.646E-05	2.873E-04	1.181E-03	1.495E-03	6.614E-06	1.231E-04	1.087E-03	1.217E-03	2.585E+00	2.585E+00
County	Fresno	2005	Annual	T6 instate small	35 MPH	8.274E-04	2.379E-02	3.617E-03	2.354E-04	2.646E-05	2.873E-04	7.042E-04	1.018E-03	6.614E-06	1.231E-04	6.478E-04	7.776E-04	2.546E+00	2.546E+00
County	Fresno	2005	Annual	T6 OOS heavy	35 MPH	8.503E-04	2.335E-02	3.601E-03	2.361E-04	2.646E-05	2.873E-04	7.339E-04	1.048E-03	6.614E-06	1.231E-04	6.752E-04	8.049E-04	2.554E+00	2.554E+00
County	Fresno	2005	Annual	T6 OOS small	35 MPH	6.031E-04	2.221E-02	2.742E-03	2.348E-04	2.646E-05	2.873E-04	5.372E-04	8.510E-04	6.614E-06	1.231E-04	4.942E-04	6.240E-04	2.539E+00	2.539E+00
County	Fresno	2005	Annual	T6 Public	35 MPH	8.448E-04	2.482E-02	3.247E-03	2.410E-04	2.646E-05	2.873E-04	8.595E-04	1.173E-03	6.614E-06	1.231E-04	7.908E-04	9.205E-04	2.607E+00	2.607E+00
County	Fresno	2005	Annual	T6 utility	35 MPH	4.294E-04	2.218E-02	1.856E-03	2.354E-04	2.646E-05	2.873E-04	4.814E-04	7.952E-04	6.614E-06	1.231E-04	4.429E-04	5.726E-04	2.545E+00	2.545E+00
County	Fresno	2005	Annual	T6TS	35 MPH	3.020E-03	9.372E-03	5.703E-02	1.636E-05	1.764E-05	8.102E-05	1.870E-05	1.174E-04	4.409E-06	3.472E-05	1.624E-05	5.537E-05	1.164E+00	1.164E+00
County	Fresno	2005	Annual	T7 Ag	35 MPH	2.159E-03	4.251E-02	1.339E-02	3.485E-04	7.937E-05	1.361E-04	1.922E-03	2.138E-03	1.984E-05	5.833E-05	1.768E-03	1.847E-03	4.007E+00	4.007E+00
County	Fresno	2005	Annual	T7 CAIRP	35 MPH	1.753E-03	4.193E-02	9.793E-03	3.408E-04	7.937E-05	1.361E-04	1.052E-03	1.267E-03	1.984E-05	5.833E-05	9.675E-04	1.046E-03	3.918E+00	3.918E+00
County	Fresno	2005	Annual	T7 CAIRP construction	35 MPH	1.753E-03	4.193E-02	9.793E-03	3.408E-04	7.937E-05	1.361E-04	1.052E-03	1.267E-03	1.984E-05	5.833E-05	9.675E-04	1.046E-03	3.918E+00	3.918E+00
County	Fresno	2005	Annual	T7 NNOOS	35 MPH	1.168E-03	3.260E-02	5.995E-03	3.399E-04	7.937E-05	1.361E-04	8.435E-04	1.059E-03	1.984E-05	5.833E-05	7.760E-04	8.542E-04	3.908E+00	3.908E+00
County	Fresno	2005	Annual	T7 NOOS	35 MPH	1.753E-03	4.193E-02	9.793E-03	3.408E-04	7.937E-05	1.361E-04	1.052E-03	1.267E-03	1.984E-05	5.833E-05	9.675E-04	1.046E-03	3.918E+00	3.918E+00
County	Fresno	2005	Annual	T7 other port	35 MPH	2.148E-03	4.525E-02	1.292E-02	3.383E-04	7.937E-05	1.361E-04	1.323E-03	1.539E-03	1.984E-05	5.833E-05	1.218E-03	1.296E-03	3.890E+00	3.890E+00
County	Fresno	2005	Annual	T7 POAK	35 MPH	2.250E-03	4.551E-02	1.360E-02	3.391E-04	7.937E-05	1.361E-04	1.444E-03	1.659E-03	1.984E-05	5.833E-05	1.328E-03	1.406E-03	3.899E+00	3.899E+00
County	Fresno	2005	Annual	T7 POLA	35 MPH	2.772E-03	4.540E-02	1.717E-02	3.474E-04	7.937E-05	1.361E-04	2.231E-03	2.447E-03	1.984E-05	5.833E-05	2.053E-03	2.131E-03	3.994E+00	3.994E+00
County	Fresno	2005	Annual	T7 Public	35 MPH	1.516E-03	4.076E-02	9.699E-03	3.565E-04	7.937E-05	1.361E-04	1.809E-03	2.025E-03	1.984E-05	5.833E-05	1.665E-03	1.743E-03	4.099E+00	4.099E+00
County	Fresno	2005	Annual	T7 Single	35 MPH	1.395E-03	3.707E-02	8.357E-03	3.448E-04	7.937E-05	1.361E-04	1.329E-03	1.545E-03	1.984E-05	5.833E-05	1.223E-03	1.301E-03	3.964E+00	3.964E+00
County	Fresno	2005	Annual	T7 single construction	35 MPH	1.395E-03	3.707E-02	8.357E-03	3.448E-04	7.937E-05	1.361E-04	1.329E-03	1.545E-03	1.984E-05	5.833E-05	1.223E-03	1.301E-03	3.964E+00	3.964E+00
County	Fresno	2005	Annual	T7 SWCV	35 MPH	1.364E-03	3.895E-02	8.450E-03	3.488E-04	7.937E-05	1.361E-04	1.458E-03	1.673E-03	1.984E-05	5.833E-05	1.341E-03	1.419E-03	4.010E+00	4.010E+00
County	Fresno	2005	Annual	T7 tractor	35 MPH	2.015E-03	4.144E-02	1.197E-02	3.435E-04	7.937E-05	1.361E-04	1.504E-03	1.719E-03	1.984E-05	5.833E-05	1.384E-03	1.462E-03	3.949E+00	3.949E+00
County	Fresno	2005	Annual	T7 tractor construction	35 MPH	2.046E-03	4.120E-02	1.220E-02	3.438E-04	7.937E-05	1.361E-04	1.555E-03	1.770E-03	1.984E-05	5.833E-05	1.431E-03	1.509E-03	3.952E+00	3.952E+00
County	Fresno	2005	Annual	T7 utility	35 MPH	8.170E-04	3.699E-02	4.829E-03	3.440E-04	7.937E-05	1.361E-04	9.264E-04	1.142E-03	1.984E-05	5.833E-05	8.523E-04	9.304E-04	3.955E+00	3.955E+00
County	Fresno	2005	Annual	T7IS	35 MPH	6.617E-03	2.082E-02	1.665E-01	1.587E-05	1.764E-05	8.102E-05	1.061E-05	1.093E-04	4.409E-06	3.472E-05	8.667E-06	4.780E-05	1.164E+00	1.164E+00
County	Fresno	2005	Annual	UBUS	35 MPH	1.418E-03	2.565E-02	1.217E-02	3.654E-04	1.764E-05	1.320E-03	3.985E-04	1.736E-03	4.409E-06	5.657E-04	3.665E-04	9.366E-04	4.395E+00	4.395E+00

County	Fresno	2005	Annual	All Other Buses	40 MPH	1.245E-03	2.616E-02	4.823E-03	2.396E-04	2.646E-05	2.873E-04	1.065E-03	1.379E-03	6.614E-06	1.231E-04	9.801E-04	1.110E-03	2.473E+00	2.473E+00
County	Fresno	2005	Annual	LDA	40 MPH	2.987E-04	8.988E-04	8.989E-03	7.638E-06	1.764E-05	8.102E-05	1.334E-05	1.120E-04	4.409E-06	3.472E-05	1.216E-05	5.129E-05	6.660E-01	6.660E-01
County	Fresno	2005	Annual	LDT1	40 MPH	8.236E-04	2.005E-03	2.016E-02	8.826E-06	1.764E-05	8.102E-05	2.250E-05	1.212E-04	4.409E-06	3.472E-05	2.000E-05	5.914E-05	7.605E-01	7.605E-01
County	Fresno	2005	Annual	LDT2	40 MPH	3.770E-04	1.563E-03	1.129E-02	1.030E-05	1.764E-05	8.102E-05	1.181E-05	1.105E-04	4.409E-06	3.472E-05	1.067E-05	4.980E-05	9.175E-01	9.175E-01
County	Fresno	2005	Annual	LHD1	40 MPH	5.108E-04	6.691E-03	7.073E-03	5.636E-05	2.132E-05	1.176E-04	4.766E-05	1.865E-04	5.330E-06	5.039E-05	4.382E-05	9.954E-05	1.101E+00	1.101E+00
County	Fresno	2005	Annual	LHD2	40 MPH	5.890E-04	8.382E-03	9.105E-03	7.244E-05	2.299E-05	1.512E-04	6.943E-05	2.436E-04	5.747E-06	6.479E-05	6.361E-05	1.342E-04	1.127E+00	1.127E+00
County	Fresno	2005	Annual	MCY	40 MPH	5.973E-03	3.031E-03	6.811E-02	4.787E-06	1.762E-05	8.089E-05	9.289E-06	1.078E-04	4.404E-06	3.467E-05	7.151E-06	4.622E-05	2.350E-01	2.350E-01
County	Fresno	2005	Annual	MDV	40 MPH	3.000E-04	1.495E-03	9.629E-03	1.272E-05	1.764E-05	8.102E-05	8.287E-06	1.069E-04	4.409E-06	3.472E-05	7.538E-06	4.667E-05	1.140E+00	1.140E+00
County	Fresno	2005	Annual	MH	40 MPH	1.451E-03	7.796E-03	4.243E-02	4.977E-05	1.898E-05	1.123E-04	8.277E-05	2.141E-04	4.744E-06	4.815E-05	7.526E-05	1.282E-04	1.259E+00	1.259E+00
County	Fresno	2005	Annual	Motor Coach	40 MPH	1.313E-03	4.074E-02	7.637E-03	3.418E-04	2.646E-05	2.873E-04	9.969E-04	1.311E-03	6.614E-06	1.231E-04	9.171E-04	1.047E-03	3.750E+00	3.750E+00
County	Fresno	2005	Annual	OBUS	40 MPH	8.539E-04	6.806E-03	1.687E-02	1.550E-05	1.764E-05	8.102E-05	5.323E-06	1.040E-04	4.409E-06	3.472E-05	4.838E-06	4.397E-05	1.048E+00	1.048E+00
County	Fresno	2005	Annual	PTO	40 MPH	2.711E-03	4.326E-02	1.557E-02	4.261E-04	0.000E+00	0.000E+00	2.251E-03	2.251E-03	0.000E+00	0.000E+00	2.071E-03	2.071E-03	4.808E+00	4.808E+00
County	Fresno	2005	Annual	SBUS	40 MPH	1.915E-03	2.172E-02	2.826E-02	2.088E-04	2.472E-05	1.334E-03	7.276E-04	2.087E-03	6.179E-06	5.719E-04	6.688E-04	1.247E-03	2.191E+00	2.191E+00
County	Fresno	2005	Annual	T6 Ag	40 MPH	1.211E-03	2.547E-02	4.636E-03	2.400E-04	2.646E-05	2.873E-04	1.075E-03	1.389E-03	6.614E-06	1.231E-04	9.894E-04	1.119E-03	2.478E+00	2.478E+00
County	Fresno	2005	Annual	T6 CAIRP heavy	40 MPH	7.228E-04	2.296E-02	3.047E-03	2.361E-04	2.646E-05	2.873E-04	6.650E-04	9.788E-04	6.614E-06	1.231E-04	6.118E-04	7.415E-04	2.437E+00	2.437E+00
County	Fresno	2005	Annual	T6 CAIRP small	40 MPH	5.022E-04	2.188E-02	2.320E-03	2.348E-04	2.646E-05	2.873E-04	4.880E-04	8.018E-04	6.614E-06	1.231E-04	4.489E-04	5.787E-04	2.424E+00	2.424E+00
County	Fresno	2005	Annual	T6 instate construction heavy	40 MPH	1.224E-03	2.548E-02	4.718E-03	2.391E-04	2.646E-05	2.873E-04	1.067E-03	1.381E-03	6.614E-06	1.231E-04	9.818E-04	1.112E-03	2.468E+00	2.468E+00
County	Fresno	2005	Annual	T6 instate construction small	40 MPH	6.976E-04	2.346E-02	3.048E-03	2.354E-04	2.646E-05	2.873E-04	6.323E-04	9.461E-04	6.614E-06	1.231E-04	5.818E-04	7.115E-04	2.430E+00	2.430E+00
County	Fresno	2005	Annual	T6 instate heavy	40 MPH	1.224E-03	2.548E-02	4.718E-03	2.391E-04	2.646E-05	2.873E-04	1.067E-03	1.381E-03	6.614E-06	1.231E-04	9.818E-04	1.112E-03	2.468E+00	2.468E+00
County	Fresno	2005	Annual	T6 instate small	40 MPH	6.976E-04	2.346E-02	3.048E-03	2.354E-04	2.646E-05	2.873E-04	6.323E-04	9.461E-04	6.614E-06	1.231E-04	5.818E-04	7.115E-04	2.430E+00	2.430E+00
County	Fresno	2005	Annual	T6 OOS heavy	40 MPH	7.228E-04	2.296E-02	3.047E-03	2.361E-04	2.646E-05	2.873E-04	6.650E-04	9.788E-04	6.614E-06	1.231E-04	6.118E-04	7.415E-04	2.437E+00	2.437E+00
County	Fresno	2005	Annual	T6 OOS small	40 MPH	5.022E-04	2.188E-02	2.320E-03	2.348E-04	2.646E-05	2.873E-04	4.880E-04	8.018E-04	6.614E-06	1.231E-04	4.489E-04	5.787E-04	2.424E+00	2.424E+00
County	Fresno	2005	Annual	T6 Public	40 MPH	7.366E-04	2.430E-02	2.759E-03	2.410E-04	2.646E-05	2.873E-04	7.798E-04	1.094E-03	6.614E-06	1.231E-04	7.174E-04	8.472E-04	2.488E+00	2.488E+00
County	Fresno	2005	Annual	T6 utility	40 MPH	3.627E-04	2.187E-02	1.577E-03	2.354E-04	2.646E-05	2.873E-04	4.365E-04	7.503E-04	6.614E-06	1.231E-04	4.016E-04	5.314E-04	2.429E+00	2.429E+00
County	Fresno	2005	Annual	T6TS	40 MPH	2.481E-03	9.770E-03	5.149E-02	1.636E-05	1.764E-05	8.102E-05	1.540E-05	1.141E-04	4.409E-06	3.472E-05	1.337E-05	5.250E-05	1.048E+00	1.048E+00
County	Fresno	2005	Annual	T7 Ag	40 MPH	1.856E-03	4.186E-02	1.132E-02	3.485E-04	7.937E-05	1.361E-04	1.730E-03	1.945E-03	1.984E-05	5.833E-05	1.592E-03	1.670E-03	3.824E+00	3.824E+00
County	Fresno	2005	Annual	T7 CAIRP	40 MPH	1.444E-03	4.159E-02	8.168E-03	3.408E-04	7.937E-05	1.361E-04	9.244E-04	1.140E-03	1.984E-05	5.833E-05	8.505E-04	9.287E-04	3.739E+00	3.739E+00
County	Fresno	2005	Annual	T7 CAIRP construction	40 MPH	1.444E-03	4.159E-02	8.168E-03	3.408E-04	7.937E-05	1.361E-04	9.244E-04	1.140E-03	1.984E-05	5.833E-05	8.505E-04	9.287E-04	3.739E+00	3.739E+00
County	Fresno	2005	Annual	T7 NNOOS	40 MPH	9.755E-04	3.160E-02	5.195E-03	3.399E-04	7.937E-05	1.361E-04	8.065E-04	1.022E-03	1.984E-05	5.833E-05	7.419E-04	8.201E-04	3.730E+00	3.730E+00
County	Fresno	2005	Annual	T7 NOOS	40 MPH	1.444E-03	4.159E-02	8.168E-03	3.408E-04	7.937E-05	1.361E-04	9.244E-04	1.140E-03	1.984E-05	5.833E-05	8.505E-04	9.287E-04	3.739E+00	3.739E+00
County	Fresno	2005	Annual	T7 other port	40 MPH	1.767E-03	4.523E-02	1.067E-02	3.383E-04	7.937E-05	1.361E-04	1.127E-03	1.343E-03	1.984E-05	5.833E-05	1.037E-03	1.115E-03	3.712E+00	3.712E+00
County	Fresno	2005	Annual	T7 POAK	40 MPH	1.859E-03	4.545E-02	1.126E-02	3.391E-04	7.937E-05	1.361E-04	1.237E-03	1.452E-03	1.984E-05	5.833E-05	1.138E-03	1.216E-03	3.721E+00	3.721E+00
County	Fresno	2005	Annual	T7 POLA	40 MPH	2.360E-03	4.486E-02	1.441E-02	3.474E-04	7.937E-05	1.361E-04	1.983E-03	2.199E-03	1.984E-05	5.833E-05	1.824E-03	1.903E-03	3.812E+00	3.812E+00
County	Fresno	2005	Annual	T7 Public	40 MPH	1.331E-03	3.967E-02	8.267E-03	3.565E-04	7.937E-05	1.361E-04	1.652E-03	1.867E-03	1.984E-05	5.833E-05	1.520E-03	1.598E-03	3.912E+00	3.912E+00
County	Fresno	2005	Annual	T7 Single	40 MPH	1.197E-03	3.624E-02	7.121E-03	3.448E-04	7.937E-05	1.361E-04	1.218E-03	1.434E-03	1.984E-05	5.833E-05	1.121E-03	1.199E-03	3.783E+00	3.783E+00
County	Fresno	2005	Annual	T7 single construction	40 MPH	1.197E-03	3.624E-02	7.121E-03	3.448E-04	7.937E-05	1.361E-04	1.218E-03	1.434E-03	1.984E-05	5.833E-05	1.121E-03	1.199E-03	3.783E+00	3.783E+00
County	Fresno	2005	Annual	T7 SWCV	40 MPH	1.182E-03	3.815E-02	7.189E-03	3.488E-04	7.937E-05	1.361E-04	1.328E-03	1.543E-03	1.984E-05	5.833E-05	1.221E-03	1.300E-03	3.827E+00	3.827E+00
County	Fresno	2005	Annual	T7 tractor	40 MPH	1.700E-03	4.089E-02	1.007E-02	3.435E-04	7.937E-05	1.361E-04	1.346E-03	1.562E-03	1.984E-05	5.833E-05	1.239E-03	1.317E-03	3.768E+00	3.768E+00
County	Fresno	2005	Annual	T7 tractor construction	40 MPH	1.730E-03	4.060E-02	1.027E-02	3.438E-04	7.937E-05	1.361E-04	1.396E-03	1.611E-03	1.984E-05	5.833E-05	1.284E-03	1.362E-03	3.772E+00	3.772E+00
County	Fresno	2005	Annual	T7 utility	40 MPH	6.970E-04	3.639E-02	4.108E-03	3.440E-04	7.937E-05	1.361E-04	8.422E-04	1.058E-03	1.984E-05	5.833E-05	7.748E-04	8.530E-04	3.775E+00	3.775E+00
County	Fresno	2005	Annual	T7IS	40 MPH	5.445E-03	2.166E-02	1.498E-01	1.587E-05	1.764E-05	8.102E-05	8.731E-06	1.074E-04	4.409E-06	3.472E-05	7.135E-06	4.627E-05	1.048E+00	1.048E+00
County	Fresno	2005	Annual	UBUS	40 MPH	1.214E-03	2.591E-02	1.087E-02	3.654E-04	1.764E-05	1.320E-03	3.504E-04	1.688E-03	4.409E-06	5.657E-04	3.222E-04	8.923E-04	4.360E+00	4.360E+00

County	Fresno	2005	Annual	All Other Buses	45 MPH	1.125E-03	2.597E-02	4.130E-03	2.396E-04	2.646E-05	2.873E-04	1.000E-03	1.314E-03	6.614E-06	1.231E-04	9.203E-04	1.050E-03	2.385E+00	2.385E+00
County	Fresno	2005	Annual	LDA	45 MPH	2.782E-04	8.893E-04	8.526E-03	7.638E-06	1.764E-05	8.102E-05	1.225E-05	1.109E-04	4.409E-06	3.472E-05	1.115E-05	5.028E-05	6.411E-01	6.411E-01
County	Fresno	2005	Annual	LDT1	45 MPH	7.742E-04	2.009E-03	1.944E-02	8.826E-06	1.764E-05	8.102E-05	2.078E-05	1.194E-04	4.409E-06	3.472E-05	1.845E-05	5.758E-05	7.320E-01	7.320E-01
County	Fresno	2005	Annual	LDT2	45 MPH	3.514E-04	1.545E-03	1.073E-02	1.030E-05	1.764E-05	8.102E-05	1.087E-05	1.095E-04	4.409E-06	3.472E-05	9.806E-06	4.894E-05	8.831E-01	8.831E-01
County	Fresno	2005	Annual	LHD1	45 MPH	4.484E-04	6.942E-03	6.728E-03	5.636E-05	2.132E-05	1.176E-04	4.295E-05	1.818E-04	5.330E-06	5.039E-05	3.949E-05	9.521E-05	1.071E+00	1.071E+00
County	Fresno	2005	Annual	LHD2	45 MPH	5.140E-04	8.719E-03	8.528E-03	7.244E-05	2.299E-05	1.512E-04	6.270E-05	2.369E-04	5.747E-06	6.479E-05	5.745E-05	1.280E-04	1.107E+00	1.107E+00
County	Fresno	2005	Annual	MCY	45 MPH	6.325E-03	3.144E-03	7.793E-02	4.787E-06	1.762E-05	8.089E-05	9.852E-06	1.084E-04	4.404E-06	3.467E-05	7.583E-06	4.665E-05	2.234E-01	2.234E-01
County	Fresno	2005	Annual	MDV	45 MPH	2.789E-04	1.476E-03	9.174E-03	1.272E-05	1.764E-05	8.102E-05	7.623E-06	1.063E-04	4.409E-06	3.472E-05	6.929E-06	4.606E-05	1.098E+00	1.098E+00
County	Fresno	2005	Annual	MH	45 MPH	1.246E-03	7.914E-03	4.020E-02	4.977E-05	1.898E-05	1.123E-04	7.948E-05	2.108E-04	4.744E-06	4.815E-05	7.237E-05	1.253E-04	1.203E+00	1.203E+00
County	Fresno	2005	Annual	Motor Coach	45 MPH	1.175E-03	4.068E-02	6.508E-03	3.418E-04	2.646E-05	2.873E-04	9.437E-04	1.257E-03	6.614E-06	1.231E-04	8.682E-04	9.980E-04	3.617E+00	3.617E+00
County	Fresno	2005	Annual	OBUS	45 MPH	7.379E-04	7.039E-03	1.605E-02	1.550E-05	1.764E-05	8.102E-05	4.567E-06	1.032E-04	4.409E-06	3.472E-05	4.152E-06	4.328E-05	9.966E-01	9.966E-01
County	Fresno	2005	Annual	PTO	45 MPH	2.711E-03	4.326E-02	1.557E-02	4.261E-04	0.000E+00	0.000E+00	2.251E-03	2.251E-03	0.000E+00	0.000E+00	2.071E-03	2.071E-03	4.808E+00	4.808E+00
County	Fresno	2005	Annual	SBUS	45 MPH	1.680E-03	2.160E-02	2.663E-02	2.088E-04	2.472E-05	1.334E-03	6.864E-04	2.046E-03	6.179E-06	5.719E-04	6.310E-04	1.209E-03	2.110E+00	2.110E+00
County	Fresno	2005	Annual	T6 Ag	45 MPH	1.096E-03	2.522E-02	3.979E-03	2.400E-04	2.646E-05	2.873E-04	1.013E-03	1.327E-03	6.614E-06	1.231E-04	9.318E-04	1.062E-03	2.390E+00	2.390E+00
County	Fresno	2005	Annual	T6 CAIRP heavy	45 MPH	6.495E-04	2.278E-02	2.626E-03	2.361E-04	2.646E-05	2.873E-04	6.392E-04	9.530E-04	6.614E-06	1.231E-04	5.881E-04	7.179E-04	2.351E+00	2.351E+00
County	Fresno	2005	Annual	T6 CAIRP small	45 MPH	4.481E-04	2.172E-02	2.006E-03	2.348E-04	2.646E-05	2.873E-04	4.780E-04	7.918E-04	6.614E-06	1.231E-04	4.398E-04	5.696E-04	2.338E+00	2.338E+00
County	Fresno	2005	Annual	T6 instate construction heavy	45 MPH	1.106E-03	2.524E-02	4.047E-03	2.391E-04	2.646E-05	2.873E-04	1.005E-03	1.319E-03	6.614E-06	1.231E-04	9.249E-04	1.055E-03	2.380E+00	2.380E+00
County	Fresno	2005	Annual	T6 instate construction small	45 MPH	6.256E-04	2.333E-02	2.617E-03	2.354E-04	2.646E-05	2.873E-04	6.064E-04	9.202E-04	6.614E-06	1.231E-04	5.579E-04	6.876E-04	2.344E+00	2.344E+00
County	Fresno	2005	Annual	T6 instate heavy	45 MPH	1.106E-03	2.524E-02	4.047E-03	2.391E-04	2.646E-05	2.873E-04	1.005E-03	1.319E-03	6.614E-06	1.231E-04	9.249E-04	1.055E-03	2.380E+00	2.380E+00
County	Fresno	2005	Annual	T6 instate small	45 MPH	6.256E-04	2.333E-02	2.617E-03	2.354E-04	2.646E-05	2.873E-04	6.064E-04	9.202E-04	6.614E-06	1.231E-04	5.579E-04	6.876E-04	2.344E+00	2.344E+00
County	Fresno	2005	Annual	T6 OOS heavy	45 MPH	6.495E-04	2.278E-02	2.626E-03	2.361E-04	2.646E-05	2.873E-04	6.392E-04	9.530E-04	6.614E-06	1.231E-04	5.881E-04	7.179E-04	2.351E+00	2.351E+00
County	Fresno	2005	Annual	T6 OOS small	45 MPH	4.481E-04	2.172E-02	2.006E-03	2.348E-04	2.646E-05	2.873E-04	4.780E-04	7.918E-04	6.614E-06	1.231E-04	4.398E-04	5.696E-04	2.338E+00	2.338E+00
County	Fresno	2005	Annual	T6 Public	45 MPH	6.670E-04	2.404E-02	2.375E-03	2.410E-04	2.646E-05	2.873E-04	7.353E-04	1.049E-03	6.614E-06	1.231E-04	6.765E-04	8.062E-04	2.400E+00	2.400E+00
County	Fresno	2005	Annual	T6 utility	45 MPH	3.249E-04	2.174E-02	1.366E-03	2.354E-04	2.646E-05	2.873E-04	4.230E-04	7.368E-04	6.614E-06	1.231E-04	3.892E-04	5.189E-04	2.343E+00	2.343E+00
County	Fresno	2005	Annual	T6TS	45 MPH	2.135E-03	1.010E-02	4.886E-02	1.636E-05	1.764E-05	8.102E-05	1.321E-05	1.119E-04	4.409E-06	3.472E-05	1.147E-05	5.060E-05	9.966E-01	9.966E-01
County	Fresno	2005	Annual	T7 Ag	45 MPH	1.676E-03	4.158E-02	9.680E-03	3.485E-04	7.937E-05	1.361E-04	1.619E-03	1.834E-03	1.984E-05	5.833E-05	1.489E-03	1.567E-03	3.688E+00	3.688E+00
County	Fresno	2005	Annual	T7 CAIRP	45 MPH	1.287E-03	4.154E-02	6.953E-03	3.408E-04	7.937E-05	1.361E-04	8.824E-04	1.098E-03	1.984E-05	5.833E-05	8.118E-04	8.900E-04	3.606E+00	3.606E+00
County	Fresno	2005	Annual	T7 CAIRP construction	45 MPH	1.287E-03	4.154E-02	6.953E-03	3.408E-04	7.937E-05	1.361E-04	8.824E-04	1.098E-03	1.984E-05	5.833E-05	8.118E-04	8.900E-04	3.606E+00	3.606E+00
County	Fresno	2005	Annual	T7 NNOOS	45 MPH	8.665E-04	3.097E-02	4.622E-03	3.399E-04	7.937E-05	1.361E-04	8.260E-04	1.042E-03	1.984E-05	5.833E-05	7.600E-04	8.381E-04	3.597E+00	3.597E+00
County	Fresno	2005	Annual	T7 NOOS	45 MPH	1.287E-03	4.154E-02	6.953E-03	3.408E-04	7.937E-05	1.361E-04	8.824E-04	1.098E-03	1.984E-05	5.833E-05	8.118E-04	8.900E-04	3.606E+00	3.606E+00
County	Fresno	2005	Annual	T7 other port	45 MPH	1.579E-03	4.546E-02	8.964E-03	3.383E-04	7.937E-05	1.361E-04	1.040E-03	1.256E-03	1.984E-05	5.833E-05	9.571E-04	1.035E-03	3.581E+00	3.581E+00
County	Fresno	2005	Annual	T7 POAK	45 MPH	1.663E-03	4.564E-02	9.470E-03	3.391E-04	7.937E-05	1.361E-04	1.142E-03	1.357E-03	1.984E-05	5.833E-05	1.051E-03	1.129E-03	3.589E+00	3.589E+00
County	Fresno	2005	Annual	T7 POLA	45 MPH	2.126E-03	4.469E-02	1.226E-02	3.474E-04	7.937E-05	1.361E-04	1.845E-03	2.060E-03	1.984E-05	5.833E-05	1.697E-03	1.776E-03	3.677E+00	3.677E+00
County	Fresno	2005	Annual	T7 Public	45 MPH	1.208E-03	3.905E-02	7.115E-03	3.565E-04	7.937E-05	1.361E-04	1.547E-03	1.763E-03	1.984E-05	5.833E-05	1.424E-03	1.502E-03	3.773E+00	3.773E+00
County	Fresno	2005	Annual	T7 Single	45 MPH	1.078E-03	3.579E-02	6.161E-03	3.448E-04	7.937E-05	1.361E-04	1.167E-03	1.382E-03	1.984E-05	5.833E-05	1.073E-03	1.151E-03	3.649E+00	3.649E+00
County	Fresno	2005	Annual	T7 single construction	45 MPH	1.078E-03	3.579E-02	6.161E-03	3.448E-04	7.937E-05	1.361E-04	1.167E-03	1.382E-03	1.984E-05	5.833E-05	1.073E-03	1.151E-03	3.649E+00	3.649E+00
County	Fresno	2005	Annual	T7 SWCV	45 MPH	1.068E-03	3.774E-02	6.193E-03	3.488E-04	7.937E-05	1.361E-04	1.253E-03	1.469E-03	1.984E-05	5.833E-05	1.153E-03	1.231E-03	3.691E+00	3.691E+00
County	Fresno	2005	Annual	T7 tractor	45 MPH	1.526E-03	4.068E-02	8.603E-03	3.435E-04	7.937E-05	1.361E-04	1.273E-03	1.489E-03	1.984E-05	5.833E-05	1.171E-03	1.250E-03	3.635E+00	3.635E+00
County	Fresno	2005	Annual	T7 tractor construction	45 MPH	1.554E-03	4.035E-02	8.784E-03	3.438E-04	7.937E-05	1.361E-04	1.321E-03	1.536E-03	1.984E-05	5.833E-05	1.215E-03	1.293E-03	3.638E+00	3.638E+00
County	Fresno	2005	Annual	T7 utility	45 MPH	6.265E-04	3.612E-02	3.551E-03	3.440E-04	7.937E-05	1.361E-04	8.048E-04	1.020E-03	1.984E-05	5.833E-05	7.404E-04	8.186E-04	3.641E+00	3.641E+00
County	Fresno	2005	Annual	T7IS	45 MPH	4.682E-03	2.263E-02	1.433E-01	1.587E-05	1.764E-05	8.102E-05	7.492E-06	1.061E-04	4.409E-06	3.472E-05	6.123E-06	4.525E-05	9.966E-01	9.966E-01
County	Fresno	2005	Annual	UBUS	45 MPH	1.080E-03	2.738E-02	1.028E-02	3.654E-04	1.764E-05	1.320E-03	3.190E-04	1.657E-03	4.409E-06	5.657E-04	2.934E-04	8.635E-04	4.344E+00	4.344E+00

County	Fresno	2005	Annual	All Other Buses	50 MPH	1.081E-03	2.602E-02	3.629E-03	2.396E-04	2.646E-05	2.873E-04	9.888E-04	1.303E-03	6.614E-06	1.231E-04	9.097E-04	1.039E-03	2.328E+00	2.328E+00
County	Fresno	2005	Annual	LDA	50 MPH	2.715E-04	8.957E-04	8.243E-03	7.638E-06	1.764E-05	8.102E-05	1.179E-05	1.104E-04	4.409E-06	3.472E-05	1.073E-05	4.986E-05	6.404E-01	6.404E-01
County	Fresno	2005	Annual	LDT1	50 MPH	7.618E-04	2.049E-03	1.932E-02	8.826E-06	1.764E-05	8.102E-05	2.008E-05	1.187E-04	4.409E-06	3.472E-05	1.779E-05	5.693E-05	7.313E-01	7.313E-01
County	Fresno	2005	Annual	LDT2	50 MPH	3.430E-04	1.557E-03	1.042E-02	1.030E-05	1.764E-05	8.102E-05	1.049E-05	1.091E-04	4.409E-06	3.472E-05	9.452E-06	4.858E-05	8.822E-01	8.822E-01
County	Fresno	2005	Annual	LHD1	50 MPH	4.139E-04	7.369E-03	6.795E-03	5.636E-05	2.132E-05	1.176E-04	3.964E-05	1.785E-04	5.330E-06	5.039E-05	3.645E-05	9.217E-05	1.074E+00	1.074E+00
County	Fresno	2005	Annual	LHD2	50 MPH	4.655E-04	9.337E-03	8.429E-03	7.244E-05	2.299E-05	1.512E-04	5.794E-05	2.321E-04	5.747E-06	6.479E-05	5.311E-05	1.236E-04	1.109E+00	1.109E+00
County	Fresno	2005	Annual	MCY	50 MPH	7.016E-03	3.260E-03	9.400E-02	4.787E-06	1.762E-05	8.089E-05	1.093E-05	1.094E-04	4.404E-06	3.467E-05	8.416E-06	4.749E-05	2.162E-01	2.162E-01
County	Fresno	2005	Annual	MDV	50 MPH	2.718E-04	1.486E-03	8.930E-03	1.272E-05	1.764E-05	8.102E-05	7.357E-06	1.060E-04	4.409E-06	3.472E-05	6.683E-06	4.581E-05	1.097E+00	1.097E+00
County	Fresno	2005	Annual	MH	50 MPH	1.123E-03	8.150E-03	4.055E-02	4.977E-05	1.898E-05	1.123E-04	8.103E-05	2.123E-04	4.744E-06	4.815E-05	7.387E-05	1.268E-04	1.198E+00	1.198E+00
County	Fresno	2005	Annual	Motor Coach	50 MPH	1.161E-03	4.092E-02	5.737E-03	3.418E-04	2.646E-05	2.873E-04	9.675E-04	1.281E-03	6.614E-06	1.231E-04	8.901E-04	1.020E-03	3.531E+00	3.531E+00
County	Fresno	2005	Annual	OBUS	50 MPH	6.527E-04	7.373E-03	1.608E-02	1.550E-05	1.764E-05	8.102E-05	4.086E-06	1.027E-04	4.409E-06	3.472E-05	3.714E-06	4.285E-05	1.002E+00	1.002E+00
County	Fresno	2005	Annual	PTO	50 MPH	2.711E-03	4.326E-02	1.557E-02	4.261E-04	0.000E+00	0.000E+00	2.251E-03	2.251E-03	0.000E+00	0.000E+00	2.071E-03	2.071E-03	4.808E+00	4.808E+00
County	Fresno	2005	Annual	SBUS	50 MPH	1.543E-03	2.166E-02	2.638E-02	2.088E-04	2.472E-05	1.334E-03	6.787E-04	2.038E-03	6.179E-06	5.719E-04	6.239E-04	1.202E-03	2.066E+00	2.066E+00
County	Fresno	2005	Annual	T6 Ag	50 MPH	1.049E-03	2.523E-02	3.503E-03	2.400E-04	2.646E-05	2.873E-04	1.001E-03	1.315E-03	6.614E-06	1.231E-04	9.208E-04	1.051E-03	2.332E+00	2.332E+00
County	Fresno	2005	Annual	T6 CAIRP heavy	50 MPH	6.302E-04	2.280E-02	2.336E-03	2.361E-04	2.646E-05	2.873E-04	6.567E-04	9.705E-04	6.614E-06	1.231E-04	6.041E-04	7.339E-04	2.294E+00	2.294E+00
County	Fresno	2005	Annual	T6 CAIRP small	50 MPH	4.405E-04	2.175E-02	1.801E-03	2.348E-04	2.646E-05	2.873E-04	5.074E-04	8.212E-04	6.614E-06	1.231E-04	4.668E-04	5.966E-04	2.282E+00	2.282E+00
County	Fresno	2005	Annual	T6 instate construction heavy	50 MPH	1.061E-03	2.524E-02	3.563E-03	2.391E-04	2.646E-05	2.873E-04	9.960E-04	1.310E-03	6.614E-06	1.231E-04	9.163E-04	1.046E-03	2.323E+00	2.323E+00
County	Fresno	2005	Annual	T6 instate construction small	50 MPH	6.112E-04	2.339E-02	2.324E-03	2.354E-04	2.646E-05	2.873E-04	6.263E-04	9.401E-04	6.614E-06	1.231E-04	5.762E-04	7.059E-04	2.288E+00	2.288E+00
County	Fresno	2005	Annual	T6 instate heavy	50 MPH	1.061E-03	2.524E-02	3.563E-03	2.391E-04	2.646E-05	2.873E-04	9.960E-04	1.310E-03	6.614E-06	1.231E-04	9.163E-04	1.046E-03	2.323E+00	2.323E+00
County	Fresno	2005	Annual	T6 instate small	50 MPH	6.112E-04	2.339E-02	2.324E-03	2.354E-04	2.646E-05	2.873E-04	6.263E-04	9.401E-04	6.614E-06	1.231E-04	5.762E-04	7.059E-04	2.288E+00	2.288E+00
County	Fresno	2005	Annual	T6 OOS heavy	50 MPH	6.302E-04	2.280E-02	2.336E-03	2.361E-04	2.646E-05	2.873E-04	6.567E-04	9.705E-04	6.614E-06	1.231E-04	6.041E-04	7.339E-04	2.294E+00	2.294E+00
County	Fresno	2005	Annual	T6 OOS small	50 MPH	4.405E-04	2.175E-02	1.801E-03	2.348E-04	2.646E-05	2.873E-04	5.074E-04	8.212E-04	6.614E-06	1.231E-04	4.668E-04	5.966E-04	2.282E+00	2.282E+00
County	Fresno	2005	Annual	T6 Public	50 MPH	6.363E-04	2.403E-02	2.094E-03	2.410E-04	2.646E-05	2.873E-04	7.259E-04	1.040E-03	6.614E-06	1.231E-04	6.678E-04	7.975E-04	2.342E+00	2.342E+00
County	Fresno	2005	Annual	T6 utility	50 MPH	3.161E-04	2.179E-02	1.225E-03	2.354E-04	2.646E-05	2.873E-04	4.409E-04	7.547E-04	6.614E-06	1.231E-04	4.056E-04	5.354E-04	2.287E+00	2.287E+00
County	Fresno	2005	Annual	T6TS	50 MPH	1.903E-03	1.059E-02	4.921E-02	1.636E-05	1.764E-05	8.102E-05	1.182E-05	1.105E-04	4.409E-06	3.472E-05	1.026E-05	4.939E-05	1.002E+00	1.002E+00
County	Fresno	2005	Annual	T7 Ag	50 MPH	1.618E-03	4.169E-02	8.487E-03	3.485E-04	7.937E-05	1.361E-04	1.589E-03	1.804E-03	1.984E-05	5.833E-05	1.462E-03	1.540E-03	3.600E+00	3.600E+00
County	Fresno	2005	Annual	T7 CAIRP	50 MPH	1.283E-03	4.178E-02	6.146E-03	3.408E-04	7.937E-05	1.361E-04	9.255E-04	1.141E-03	1.984E-05	5.833E-05	8.515E-04	9.297E-04	3.520E+00	3.520E+00
County	Fresno	2005	Annual	T7 CAIRP construction	50 MPH	1.283E-03	4.178E-02	6.146E-03	3.408E-04	7.937E-05	1.361E-04	9.255E-04	1.141E-03	1.984E-05	5.833E-05	8.515E-04	9.297E-04	3.520E+00	3.520E+00
County	Fresno	2005	Annual	T7 NNOOS	50 MPH	8.413E-04	3.070E-02	4.275E-03	3.399E-04	7.937E-05	1.361E-04	9.023E-04	1.118E-03	1.984E-05	5.833E-05	8.301E-04	9.083E-04	3.511E+00	3.511E+00
County	Fresno	2005	Annual	T7 NOOS	50 MPH	1.283E-03	4.178E-02	6.146E-03	3.408E-04	7.937E-05	1.361E-04	9.255E-04	1.141E-03	1.984E-05	5.833E-05	8.515E-04	9.297E-04	3.520E+00	3.520E+00
County	Fresno	2005	Annual	T7 other port	50 MPH	1.582E-03	4.593E-02	7.806E-03	3.383E-04	7.937E-05	1.361E-04	1.063E-03	1.279E-03	1.984E-05	5.833E-05	9.780E-04	1.056E-03	3.495E+00	3.495E+00
County	Fresno	2005	Annual	T7 POAK	50 MPH	1.661E-03	4.610E-02	8.247E-03	3.391E-04	7.937E-05	1.361E-04	1.159E-03	1.374E-03	1.984E-05	5.833E-05	1.066E-03	1.144E-03	3.503E+00	3.503E+00
County	Fresno	2005	Annual	T7 POLA	50 MPH	2.072E-03	4.490E-02	1.072E-02	3.474E-04	7.937E-05	1.361E-04	1.817E-03	2.032E-03	1.984E-05	5.833E-05	1.671E-03	1.750E-03	3.588E+00	3.588E+00
County	Fresno	2005	Annual	T7 Public	50 MPH	1.147E-03	3.892E-02	6.245E-03	3.565E-04	7.937E-05	1.361E-04	1.496E-03	1.711E-03	1.984E-05	5.833E-05	1.376E-03	1.454E-03	3.683E+00	3.683E+00
County	Fresno	2005	Annual	T7 Single	50 MPH	1.037E-03	3.572E-02	5.476E-03	3.448E-04	7.937E-05	1.361E-04	1.174E-03	1.389E-03	1.984E-05	5.833E-05	1.080E-03	1.158E-03	3.561E+00	3.561E+00
County	Fresno	2005	Annual	T7 single construction	50 MPH	1.037E-03	3.572E-02	5.476E-03	3.448E-04	7.937E-05	1.361E-04	1.174E-03	1.389E-03	1.984E-05	5.833E-05	1.080E-03	1.158E-03	3.561E+00	3.561E+00
County	Fresno	2005	Annual	T7 SWCV	50 MPH	1.023E-03	3.772E-02	5.462E-03	3.488E-04	7.937E-05	1.361E-04	1.235E-03	1.450E-03	1.984E-05	5.833E-05	1.136E-03	1.214E-03	3.603E+00	3.603E+00
County	Fresno	2005	Annual	T7 tractor	50 MPH	1.493E-03	4.081E-02	7.579E-03	3.435E-04	7.937E-05	1.361E-04	1.285E-03	1.500E-03	1.984E-05	5.833E-05	1.182E-03	1.260E-03	3.548E+00	3.548E+00
County	Fresno	2005	Annual	T7 tractor construction	50 MPH	1.518E-03	4.045E-02	7.742E-03	3.438E-04	7.937E-05	1.361E-04	1.330E-03	1.546E-03	1.984E-05	5.833E-05	1.224E-03	1.302E-03	3.551E+00	3.551E+00
County	Fresno	2005	Annual	T7 utility	50 MPH	6.055E-04	3.617E-02	3.159E-03	3.440E-04	7.937E-05	1.361E-04	8.142E-04	1.030E-03	1.984E-05	5.833E-05	7.490E-04	8.272E-04	3.554E+00	3.554E+00
County	Fresno	2005	Annual	T7IS	50 MPH	4.179E-03	2.344E-02	1.436E-01	1.587E-05	1.764E-05	8.102E-05	6.702E-06	1.054E-04	4.409E-06	3.472E-05	5.477E-06	4.461E-05	1.002E+00	1.002E+00
County	Fresno	2005	Annual	UBUS	50 MPH	9.978E-04	3.027E-02	1.029E-02	3.654E-04	1.764E-05	1.320E-03	3.008E-04	1.638E-03	4.409E-06	5.657E-04	2.767E-04	8.468E-04	4.346E+00	4.346E+00

County	Fresno	2005	Annual	All Other Buses	55 MPH	1.110E-03	2.632E-02	3.321E-03	2.396E-04	2.646E-05	2.873E-04	1.031E-03	1.345E-03	6.614E-06	1.231E-04	9.483E-04	1.078E-03	2.301E+00	2.301E+00
County	Fresno	2005	Annual	LDA	55 MPH	2.778E-04	9.186E-04	8.158E-03	7.638E-06	1.764E-05	8.102E-05	1.190E-05	1.106E-04	4.409E-06	3.472E-05	1.082E-05	4.995E-05	6.639E-01	6.639E-01
County	Fresno	2005	Annual	LDT1	55 MPH	7.851E-04	2.128E-03	1.987E-02	8.826E-06	1.764E-05	8.102E-05	2.031E-05	1.190E-04	4.409E-06	3.472E-05	1.796E-05	5.710E-05	7.581E-01	7.581E-01
County	Fresno	2005	Annual	LDT2	55 MPH	3.508E-04	1.601E-03	1.037E-02	1.030E-05	1.764E-05	8.102E-05	1.061E-05	1.093E-04	4.409E-06	3.472E-05	9.556E-06	4.869E-05	9.147E-01	9.147E-01
County	Fresno	2005	Annual	LHD1	55 MPH	3.776E-04	8.220E-03	7.120E-03	5.636E-05	2.132E-05	1.176E-04	3.747E-05	1.764E-04	5.330E-06	5.039E-05	3.445E-05	9.017E-05	1.110E+00	1.110E+00
County	Fresno	2005	Annual	LHD2	55 MPH	4.396E-04	1.047E-02	9.159E-03	7.244E-05	2.299E-05	1.512E-04	5.480E-05	2.290E-04	5.747E-06	6.479E-05	5.023E-05	1.208E-04	1.134E+00	1.134E+00
County	Fresno	2005	Annual	MCY	55 MPH	8.152E-03	3.379E-03	1.196E-01	4.787E-06	1.762E-05	8.089E-05	1.270E-05	1.112E-04	4.404E-06	3.467E-05	9.776E-06	4.885E-05	2.129E-01	2.129E-01
County	Fresno	2005	Annual	MDV	55 MPH	2.777E-04	1.527E-03	8.926E-03	1.272E-05	1.764E-05	8.102E-05	7.453E-06	1.061E-04	4.409E-06	3.472E-05	6.765E-06	4.590E-05	1.137E+00	1.137E+00
County	Fresno	2005	Annual	MH	55 MPH	1.046E-03	8.396E-03	4.327E-02	4.977E-05	1.898E-05	1.123E-04	8.726E-05	2.186E-04	4.744E-06	4.815E-05	7.965E-05	1.325E-04	1.247E+00	1.247E+00
County	Fresno	2005	Annual	Motor Coach	55 MPH	1.269E-03	4.144E-02	5.323E-03	3.418E-04	2.646E-05	2.873E-04	1.068E-03	1.382E-03	6.614E-06	1.231E-04	9.827E-04	1.112E-03	3.490E+00	3.490E+00
County	Fresno	2005	Annual	OBUS	55 MPH	5.931E-04	7.682E-03	1.707E-02	1.550E-05	1.764E-05	8.102E-05	3.809E-06	1.025E-04	4.409E-06	3.472E-05	3.463E-06	4.259E-05	1.064E+00	1.064E+00
County	Fresno	2005	Annual	PTO	55 MPH	2.711E-03	4.326E-02	1.557E-02	4.261E-04	0.000E+00	0.000E+00	2.251E-03	2.251E-03	0.000E+00	0.000E+00	2.071E-03	2.071E-03	4.808E+00	4.808E+00
County	Fresno	2005	Annual	SBUS	55 MPH	1.505E-03	2.200E-02	2.809E-02	2.088E-04	2.472E-05	1.334E-03	7.043E-04	2.064E-03	6.179E-06	5.719E-04	6.475E-04	1.226E-03	2.056E+00	2.056E+00
County	Fresno	2005	Annual	T6 Ag	55 MPH	1.072E-03	2.549E-02	3.208E-03	2.400E-04	2.646E-05	2.873E-04	1.040E-03	1.353E-03	6.614E-06	1.231E-04	9.564E-04	1.086E-03	2.306E+00	2.306E+00
County	Fresno	2005	Annual	T6 CAIRP heavy	55 MPH	6.651E-04	2.303E-02	2.178E-03	2.361E-04	2.646E-05	2.873E-04	7.172E-04	1.031E-03	6.614E-06	1.231E-04	6.598E-04	7.896E-04	2.268E+00	2.268E+00
County	Fresno	2005	Annual	T6 CAIRP small	55 MPH	4.797E-04	2.197E-02	1.706E-03	2.348E-04	2.646E-05	2.873E-04	5.761E-04	8.899E-04	6.614E-06	1.231E-04	5.300E-04	6.597E-04	2.255E+00	2.255E+00
County	Fresno	2005	Annual	T6 instate construction heavy	55 MPH	1.087E-03	2.551E-02	3.264E-03	2.391E-04	2.646E-05	2.873E-04	1.039E-03	1.353E-03	6.614E-06	1.231E-04	9.560E-04	1.086E-03	2.296E+00	2.296E+00
County	Fresno	2005	Annual	T6 instate construction small	55 MPH	6.546E-04	2.365E-02	2.169E-03	2.354E-04	2.646E-05	2.873E-04	6.921E-04	1.006E-03	6.614E-06	1.231E-04	6.367E-04	7.665E-04	2.261E+00	2.261E+00
County	Fresno	2005	Annual	T6 instate heavy	55 MPH	1.087E-03	2.551E-02	3.264E-03	2.391E-04	2.646E-05	2.873E-04	1.039E-03	1.353E-03	6.614E-06	1.231E-04	9.560E-04	1.086E-03	2.296E+00	2.296E+00
County	Fresno	2005	Annual	T6 instate small	55 MPH	6.546E-04	2.365E-02	2.169E-03	2.354E-04	2.646E-05	2.873E-04	6.921E-04	1.006E-03	6.614E-06	1.231E-04	6.367E-04	7.665E-04	2.261E+00	2.261E+00
County	Fresno	2005	Annual	T6 OOS heavy	55 MPH	6.651E-04	2.303E-02	2.178E-03	2.361E-04	2.646E-05	2.873E-04	7.172E-04	1.031E-03	6.614E-06	1.231E-04	6.598E-04	7.896E-04	2.268E+00	2.268E+00
County	Fresno	2005	Annual	T6 OOS small	55 MPH	4.797E-04	2.197E-02	1.706E-03	2.348E-04	2.646E-05	2.873E-04	5.761E-04	8.899E-04	6.614E-06	1.231E-04	5.300E-04	6.597E-04	2.255E+00	2.255E+00
County	Fresno	2005	Annual	T6 Public	55 MPH	6.442E-04	2.427E-02	1.916E-03	2.410E-04	2.646E-05	2.873E-04	7.516E-04	1.065E-03	6.614E-06	1.231E-04	6.914E-04	8.212E-04	2.315E+00	2.315E+00
County	Fresno	2005	Annual	T6 utility	55 MPH	3.362E-04	2.203E-02	1.154E-03	2.354E-04	2.646E-05	2.873E-04	4.901E-04	8.039E-04	6.614E-06	1.231E-04	4.509E-04	5.807E-04	2.261E+00	2.261E+00
County	Fresno	2005	Annual	T6TS	55 MPH	1.754E-03	1.103E-02	5.245E-02	1.636E-05	1.764E-05	8.102E-05	1.102E-05	1.097E-04	4.409E-06	3.472E-05	9.569E-06	4.870E-05	1.064E+00	1.064E+00
County	Fresno	2005	Annual	T7 Ag	55 MPH	1.683E-03	4.218E-02	7.738E-03	3.485E-04	7.937E-05	1.361E-04	1.640E-03	1.856E-03	1.984E-05	5.833E-05	1.509E-03	1.587E-03	3.558E+00	3.558E+00
County	Fresno	2005	Annual	T7 CAIRP	55 MPH	1.431E-03	4.231E-02	5.748E-03	3.408E-04	7.937E-05	1.361E-04	1.054E-03	1.269E-03	1.984E-05	5.833E-05	9.695E-04	1.048E-03	3.479E+00	3.479E+00
County	Fresno	2005	Annual	T7 CAIRP construction	55 MPH	1.431E-03	4.231E-02	5.748E-03	3.408E-04	7.937E-05	1.361E-04	1.054E-03	1.269E-03	1.984E-05	5.833E-05	9.695E-04	1.048E-03	3.479E+00	3.479E+00
County	Fresno	2005	Annual	T7 NNOOS	55 MPH	8.999E-04	3.081E-02	4.153E-03	3.399E-04	7.937E-05	1.361E-04	1.035E-03	1.251E-03	1.984E-05	5.833E-05	9.523E-04	1.030E-03	3.471E+00	3.471E+00
County	Fresno	2005	Annual	T7 NOOS	55 MPH	1.431E-03	4.231E-02	5.748E-03	3.408E-04	7.937E-05	1.361E-04	1.054E-03	1.269E-03	1.984E-05	5.833E-05	9.695E-04	1.048E-03	3.479E+00	3.479E+00
County	Fresno	2005	Annual	T7 other port	55 MPH	1.778E-03	4.665E-02	7.194E-03	3.383E-04	7.937E-05	1.361E-04	1.195E-03	1.411E-03	1.984E-05	5.833E-05	1.100E-03	1.178E-03	3.455E+00	3.455E+00
County	Fresno	2005	Annual	T7 POAK	55 MPH	1.853E-03	4.681E-02	7.586E-03	3.391E-04	7.937E-05	1.361E-04	1.288E-03	1.503E-03	1.984E-05	5.833E-05	1.185E-03	1.263E-03	3.463E+00	3.463E+00
County	Fresno	2005	Annual	T7 POLA	55 MPH	2.195E-03	4.547E-02	9.775E-03	3.474E-04	7.937E-05	1.361E-04	1.898E-03	2.114E-03	1.984E-05	5.833E-05	1.747E-03	1.825E-03	3.547E+00	3.547E+00
County	Fresno	2005	Annual	T7 Public	55 MPH	1.148E-03	3.927E-02	5.656E-03	3.565E-04	7.937E-05	1.361E-04	1.497E-03	1.712E-03	1.984E-05	5.833E-05	1.377E-03	1.455E-03	3.640E+00	3.640E+00
County	Fresno	2005	Annual	T7 Single	55 MPH	1.075E-03	3.603E-02	5.067E-03	3.448E-04	7.937E-05	1.361E-04	1.240E-03	1.455E-03	1.984E-05	5.833E-05	1.140E-03	1.219E-03	3.520E+00	3.520E+00
County	Fresno	2005	Annual	T7 single construction	55 MPH	1.075E-03	3.603E-02	5.067E-03	3.448E-04	7.937E-05	1.361E-04	1.240E-03	1.455E-03	1.984E-05	5.833E-05	1.140E-03	1.219E-03	3.520E+00	3.520E+00
County	Fresno	2005	Annual	T7 SWCV	55 MPH	1.046E-03	3.810E-02	4.994E-03	3.488E-04	7.937E-05	1.361E-04	1.272E-03	1.488E-03	1.984E-05	5.833E-05	1.171E-03	1.249E-03	3.561E+00	3.561E+00
County	Fresno	2005	Annual	T7 tractor	55 MPH	1.602E-03	4.128E-02	6.995E-03	3.435E-04	7.937E-05	1.361E-04	1.381E-03	1.596E-03	1.984E-05	5.833E-05	1.270E-03	1.348E-03	3.507E+00	3.507E+00
County	Fresno	2005	Annual	T7 tractor construction	55 MPH	1.621E-03	4.090E-02	7.142E-03	3.438E-04	7.937E-05	1.361E-04	1.424E-03	1.640E-03	1.984E-05	5.833E-05	1.310E-03	1.388E-03	3.510E+00	3.510E+00
County	Fresno	2005	Annual	T7 utility	55 MPH	6.339E-04	3.656E-02	2.931E-03	3.440E-04	7.937E-05	1.361E-04	8.703E-04	1.086E-03	1.984E-05	5.833E-05	8.007E-04	8.788E-04	3.513E+00	3.513E+00
County	Fresno	2005	Annual	T7IS	55 MPH	3.890E-03	2.411E-02	1.521E-01	1.587E-05	1.764E-05	8.102E-05	6.249E-06	1.049E-04	4.409E-06	3.472E-05	5.107E-06	4.424E-05	1.064E+00	1.064E+00
County	Fresno	2005	Annual	UBUS	55 MPH	9.580E-04	3.505E-02	1.089E-02	3.654E-04	1.764E-05	1.320E-03	2.938E-04	1.631E-03	4.409E-06	5.657E-04	2.702E-04	8.403E-04	4.364E+00	4.364E+00

County	Fresno	2005	Annual	All Other Buses	60 MPH	1.214E-03	2.685E-02	3.206E-03	2.396E-04	2.646E-05	2.873E-04	1.126E-03	1.440E-03	6.614E-06	1.231E-04	1.036E-03	1.166E-03	2.305E+00	2.305E+00
County	Fresno	2005	Annual	LDA	60 MPH	2.977E-04	9.586E-04	8.291E-03	7.638E-06	1.764E-05	8.102E-05	1.260E-05	1.113E-04	4.409E-06	3.472E-05	1.145E-05	5.058E-05	7.137E-01	7.137E-01
County	Fresno	2005	Annual	LDT1	60 MPH	8.464E-04	2.250E-03	2.123E-02	8.826E-06	1.764E-05	8.102E-05	2.150E-05	1.202E-04	4.409E-06	3.472E-05	1.899E-05	5.812E-05	8.152E-01	8.152E-01
County	Fresno	2005	Annual	LDT2	60 MPH	3.755E-04	1.679E-03	1.061E-02	1.030E-05	1.764E-05	8.102E-05	1.127E-05	1.099E-04	4.409E-06	3.472E-05	1.014E-05	4.927E-05	9.835E-01	9.835E-01
County	Fresno	2005	Annual	LHD1	60 MPH	3.258E-04	8.744E-03	6.790E-03	5.636E-05	2.132E-05	1.176E-04	3.465E-05	1.735E-04	5.330E-06	5.039E-05	3.188E-05	8.759E-05	1.182E+00	1.182E+00
County	Fresno	2005	Annual	LHD2	60 MPH	3.636E-04	1.145E-02	7.267E-03	7.244E-05	2.299E-05	1.512E-04	5.501E-05	2.292E-04	5.747E-06	6.479E-05	5.052E-05	1.211E-04	1.187E+00	1.187E+00
County	Fresno	2005	Annual	MCY	60 MPH	9.918E-03	3.502E-03	1.602E-01	4.787E-06	1.762E-05	8.089E-05	1.544E-05	1.139E-04	4.404E-06	3.467E-05	1.188E-05	5.095E-05	2.136E-01	2.136E-01
County	Fresno	2005	Annual	MDV	60 MPH	2.972E-04	1.600E-03	9.194E-03	1.272E-05	1.764E-05	8.102E-05	7.927E-06	1.066E-04	4.409E-06	3.472E-05	7.190E-06	4.632E-05	1.222E+00	1.222E+00
County	Fresno	2005	Annual	MH	60 MPH	1.011E-03	8.618E-03	4.841E-02	4.977E-05	1.898E-05	1.123E-04	9.809E-05	2.294E-04	4.744E-06	4.815E-05	8.963E-05	1.425E-04	1.357E+00	1.357E+00
County	Fresno	2005	Annual	Motor Coach	60 MPH	1.502E-03	4.226E-02	5.265E-03	3.418E-04	2.646E-05	2.873E-04	1.246E-03	1.560E-03	6.614E-06	1.231E-04	1.146E-03	1.276E-03	3.496E+00	3.496E+00
County	Fresno	2005	Annual	OBUS	60 MPH	5.656E-04	7.923E-03	1.916E-02	1.550E-05	1.764E-05	8.102E-05	3.702E-06	1.024E-04	4.409E-06	3.472E-05	3.365E-06	4.250E-05	1.193E+00	1.193E+00
County	Fresno	2005	Annual	PTO	60 MPH	2.711E-03	4.326E-02	1.557E-02	4.261E-04	0.000E+00	0.000E+00	2.251E-03	2.251E-03	0.000E+00	0.000E+00	2.071E-03	2.071E-03	4.808E+00	4.808E+00
County	Fresno	2005	Annual	SBUS	60 MPH	1.533E-03	2.246E-02	3.108E-02	2.088E-04	2.472E-05	1.334E-03	7.633E-04	2.122E-03	6.179E-06	5.719E-04	7.018E-04	1.280E-03	2.085E+00	2.085E+00
County	Fresno	2005	Annual	T6 Ag	60 MPH	1.163E-03	2.601E-02	3.094E-03	2.400E-04	2.646E-05	2.873E-04	1.129E-03	1.443E-03	6.614E-06	1.231E-04	1.039E-03	1.168E-03	2.309E+00	2.309E+00
County	Fresno	2005	Annual	T6 CAIRP heavy	60 MPH	7.541E-04	2.347E-02	2.152E-03	2.361E-04	2.646E-05	2.873E-04	8.209E-04	1.135E-03	6.614E-06	1.231E-04	7.553E-04	8.850E-04	2.272E+00	2.272E+00
County	Fresno	2005	Annual	T6 CAIRP small	60 MPH	5.655E-04	2.237E-02	1.719E-03	2.348E-04	2.646E-05	2.873E-04	6.840E-04	9.978E-04	6.614E-06	1.231E-04	6.293E-04	7.591E-04	2.259E+00	2.259E+00
County	Fresno	2005	Annual	T6 instate construction heavy	60 MPH	1.186E-03	2.602E-02	3.152E-03	2.391E-04	2.646E-05	2.873E-04	1.135E-03	1.449E-03	6.614E-06	1.231E-04	1.044E-03	1.174E-03	2.300E+00	2.300E+00
County	Fresno	2005	Annual	T6 instate construction small	60 MPH	7.557E-04	2.410E-02	2.153E-03	2.354E-04	2.646E-05	2.873E-04	8.037E-04	1.118E-03	6.614E-06	1.231E-04	7.394E-04	8.692E-04	2.265E+00	2.265E+00
County	Fresno	2005	Annual	T6 instate heavy	60 MPH	1.186E-03	2.602E-02	3.152E-03	2.391E-04	2.646E-05	2.873E-04	1.135E-03	1.449E-03	6.614E-06	1.231E-04	1.044E-03	1.174E-03	2.300E+00	2.300E+00
County	Fresno	2005	Annual	T6 instate small	60 MPH	7.557E-04	2.410E-02	2.153E-03	2.354E-04	2.646E-05	2.873E-04	8.037E-04	1.118E-03	6.614E-06	1.231E-04	7.394E-04	8.692E-04	2.265E+00	2.265E+00
County	Fresno	2005	Annual	T6 OOS heavy	60 MPH	7.541E-04	2.347E-02	2.152E-03	2.361E-04	2.646E-05	2.873E-04	8.209E-04	1.135E-03	6.614E-06	1.231E-04	7.553E-04	8.850E-04	2.272E+00	2.272E+00
County	Fresno	2005	Annual	T6 OOS small	60 MPH	5.655E-04	2.237E-02	1.719E-03	2.348E-04	2.646E-05	2.873E-04	6.840E-04	9.978E-04	6.614E-06	1.231E-04	6.293E-04	7.591E-04	2.259E+00	2.259E+00
County	Fresno	2005	Annual	T6 Public	60 MPH	6.909E-04	2.477E-02	1.842E-03	2.410E-04	2.646E-05	2.873E-04	8.124E-04	1.126E-03	6.614E-06	1.231E-04	7.474E-04	8.772E-04	2.319E+00	2.319E+00
County	Fresno	2005	Annual	T6 utility	60 MPH	3.853E-04	2.245E-02	1.152E-03	2.354E-04	2.646E-05	2.873E-04	5.708E-04	8.846E-04	6.614E-06	1.231E-04	5.251E-04	6.549E-04	2.264E+00	2.264E+00
County	Fresno	2005	Annual	T6TS	60 MPH	1.686E-03	1.138E-02	5.875E-02	1.636E-05	1.764E-05	8.102E-05	1.071E-05	1.094E-04	4.409E-06	3.472E-05	9.300E-06	4.843E-05	1.193E+00	1.193E+00
County	Fresno	2005	Annual	T7 Ag	60 MPH	1.871E-03	4.305E-02	7.431E-03	3.485E-04	7.937E-05	1.361E-04	1.773E-03	1.988E-03	1.984E-05	5.833E-05	1.631E-03	1.709E-03	3.564E+00	3.564E+00
County	Fresno	2005	Annual	T7 CAIRP	60 MPH	1.732E-03	4.313E-02	5.759E-03	3.408E-04	7.937E-05	1.361E-04	1.267E-03	1.483E-03	1.984E-05	5.833E-05	1.166E-03	1.244E-03	3.485E+00	3.485E+00
County	Fresno	2005	Annual	T7 CAIRP construction	60 MPH	1.732E-03	4.313E-02	5.759E-03	3.408E-04	7.937E-05	1.361E-04	1.267E-03	1.483E-03	1.984E-05	5.833E-05	1.166E-03	1.244E-03	3.485E+00	3.485E+00
County	Fresno	2005	Annual	T7 NNOOS	60 MPH	1.042E-03	3.129E-02	4.257E-03	3.399E-04	7.937E-05	1.361E-04	1.225E-03	1.440E-03	1.984E-05	5.833E-05	1.127E-03	1.205E-03	3.476E+00	3.476E+00
County	Fresno	2005	Annual	T7 NOOS	60 MPH	1.732E-03	4.313E-02	5.759E-03	3.408E-04	7.937E-05	1.361E-04	1.267E-03	1.483E-03	1.984E-05	5.833E-05	1.166E-03	1.244E-03	3.485E+00	3.485E+00
County	Fresno	2005	Annual	T7 other port	60 MPH	2.166E-03	4.761E-02	7.128E-03	3.383E-04	7.937E-05	1.361E-04	1.437E-03	1.652E-03	1.984E-05	5.833E-05	1.322E-03	1.400E-03	3.460E+00	3.460E+00
County	Fresno	2005	Annual	T7 POAK	60 MPH	2.240E-03	4.779E-02	7.488E-03	3.391E-04	7.937E-05	1.361E-04	1.529E-03	1.745E-03	1.984E-05	5.833E-05	1.407E-03	1.485E-03	3.469E+00	3.469E+00
County	Fresno	2005	Annual	T7 POLA	60 MPH	2.498E-03	4.643E-02	9.437E-03	3.474E-04	7.937E-05	1.361E-04	2.090E-03	2.305E-03	1.984E-05	5.833E-05	1.923E-03	2.001E-03	3.553E+00	3.553E+00
County	Fresno	2005	Annual	T7 Public	60 MPH	1.210E-03	4.010E-02	5.347E-03	3.565E-04	7.937E-05	1.361E-04	1.551E-03	1.767E-03	1.984E-05	5.833E-05	1.427E-03	1.505E-03	3.646E+00	3.646E+00
County	Fresno	2005	Annual	T7 Single	60 MPH	1.191E-03	3.671E-02	4.932E-03	3.448E-04	7.937E-05	1.361E-04	1.364E-03	1.580E-03	1.984E-05	5.833E-05	1.255E-03	1.333E-03	3.526E+00	3.526E+00
County	Fresno	2005	Annual	T7 single construction	60 MPH	1.191E-03	3.671E-02	4.932E-03	3.448E-04	7.937E-05	1.361E-04	1.364E-03	1.580E-03	1.984E-05	5.833E-05	1.255E-03	1.333E-03	3.526E+00	3.526E+00
County	Fresno	2005	Annual	T7 SWCV	60 MPH	1.137E-03	3.887E-02	4.791E-03	3.488E-04	7.937E-05	1.361E-04	1.366E-03	1.581E-03	1.984E-05	5.833E-05	1.256E-03	1.334E-03	3.567E+00	3.567E+00
County	Fresno	2005	Annual	T7 tractor	60 MPH	1.853E-03	4.209E-02	6.851E-03	3.435E-04	7.937E-05	1.361E-04	1.561E-03	1.777E-03	1.984E-05	5.833E-05	1.437E-03	1.515E-03	3.513E+00	3.513E+00
County	Fresno	2005	Annual	T7 tractor construction	60 MPH	1.865E-03	4.171E-02	6.985E-03	3.438E-04	7.937E-05	1.361E-04	1.602E-03	1.818E-03	1.984E-05	5.833E-05	1.474E-03	1.552E-03	3.516E+00	3.516E+00
County	Fresno	2005	Annual	T7 utility	60 MPH	7.118E-04	3.727E-02	2.869E-03	3.440E-04	7.937E-05	1.361E-04	9.732E-04	1.189E-03	1.984E-05	5.833E-05	8.953E-04	9.735E-04	3.518E+00	3.518E+00
County	Fresno	2005	Annual	T7IS	60 MPH	3.775E-03	2.509E-02	1.712E-01	1.587E-05	1.764E-05	8.102E-05	6.073E-06	1.047E-04	4.409E-06	3.472E-05	4.963E-06	4.409E-05	1.193E+00	1.193E+00
County	Fresno	2005	Annual	UBUS	60 MPH	9.552E-04	4.256E-02	1.219E-02	3.654E-04	1.764E-05	1.320E-03	2.972E-04	1.635E-03	4.409E-06	5.657E-04	2.733E-04	8.434E-04	4.404E+00	4.404E+00

County	Fresno	2005	Annual	All Other Buses	65 MPH	1.392E-03	2.763E-02	3.283E-03	2.396E-04	2.646E-05	2.873E-04	1.275E-03	1.589E-03	6.614E-06	1.231E-04	1.173E-03	1.303E-03	2.339E+00	2.339E+00
County	Fresno	2005	Annual	LDA	65 MPH	3.347E-04	1.018E-03	8.758E-03	7.638E-06	1.764E-05	8.102E-05	1.402E-05	1.127E-04	4.409E-06	3.472E-05	1.273E-05	5.186E-05	7.972E-01	7.972E-01
County	Fresno	2005	Annual	LDT1	65 MPH	9.555E-04	2.421E-03	2.380E-02	8.826E-06	1.764E-05	8.102E-05	2.387E-05	1.225E-04	4.409E-06	3.472E-05	2.104E-05	6.017E-05	9.106E-01	9.106E-01
County	Fresno	2005	Annual	LDT2	65 MPH	4.215E-04	1.797E-03	1.131E-02	1.030E-05	1.764E-05	8.102E-05	1.256E-05	1.112E-04	4.409E-06	3.472E-05	1.129E-05	5.042E-05	1.099E+00	1.099E+00
County	Fresno	2005	Annual	LHD1	65 MPH	3.509E-04	1.043E-02	8.484E-03	5.636E-05	2.132E-05	1.176E-04	3.479E-05	1.737E-04	5.330E-06	5.039E-05	3.200E-05	8.772E-05	1.311E+00	1.311E+00
County	Fresno	2005	Annual	LHD2	65 MPH	3.824E-04	1.372E-02	9.146E-03	7.244E-05	2.299E-05	1.512E-04	5.311E-05	2.273E-04	5.747E-06	6.479E-05	4.876E-05	1.193E-04	1.271E+00	1.271E+00
County	Fresno	2005	Annual	MCY	65 MPH	1.261E-02	3.621E-03	2.261E-01	4.787E-06	1.762E-05	8.089E-05	1.965E-05	1.181E-04	4.404E-06	3.467E-05	1.512E-05	5.419E-05	2.185E-01	2.185E-01
County	Fresno	2005	Annual	MDV	65 MPH	3.339E-04	1.710E-03	9.879E-03	1.272E-05	1.764E-05	8.102E-05	8.858E-06	1.075E-04	4.409E-06	3.472E-05	8.030E-06	4.716E-05	1.366E+00	1.366E+00
County	Fresno	2005	Annual	MH	65 MPH	1.028E-03	8.791E-03	5.683E-02	4.977E-05	1.898E-05	1.123E-04	1.135E-04	2.448E-04	4.744E-06	4.815E-05	1.038E-04	1.567E-04	1.550E+00	1.550E+00
County	Fresno	2005	Annual	Motor Coach	65 MPH	1.857E-03	4.337E-02	5.564E-03	3.418E-04	2.646E-05	2.873E-04	1.500E-03	1.814E-03	6.614E-06	1.231E-04	1.380E-03	1.510E-03	3.547E+00	3.547E+00
County	Fresno	2005	Annual	OBUS	65 MPH	5.850E-04	8.073E-03	2.277E-02	1.550E-05	1.764E-05	8.102E-05	3.751E-06	1.024E-04	4.409E-06	3.472E-05	3.409E-06	4.254E-05	1.414E+00	1.414E+00
County	Fresno	2005	Annual	PTO	65 MPH	2.711E-03	4.326E-02	1.557E-02	4.261E-04	0.000E+00	0.000E+00	2.251E-03	2.251E-03	0.000E+00	0.000E+00	2.071E-03	2.071E-03	4.808E+00	4.808E+00
County	Fresno	2005	Annual	SBUS	65 MPH	1.363E-03	2.224E-02	2.529E-02	2.088E-04	2.472E-05	1.334E-03	7.625E-04	2.122E-03	6.179E-06	5.719E-04	7.012E-04	1.279E-03	2.085E+00	2.085E+00
County	Fresno	2005	Annual	T6 Ag	65 MPH	1.323E-03	2.678E-02	3.160E-03	2.400E-04	2.646E-05	2.873E-04	1.269E-03	1.583E-03	6.614E-06	1.231E-04	1.167E-03	1.297E-03	2.344E+00	2.344E+00
County	Fresno	2005	Annual	T6 CAIRP heavy	65 MPH	8.973E-04	2.411E-02	2.259E-03	2.361E-04	2.646E-05	2.873E-04	9.678E-04	1.282E-03	6.614E-06	1.231E-04	8.904E-04	1.020E-03	2.305E+00	2.305E+00
County	Fresno	2005	Annual	T6 CAIRP small	65 MPH	6.980E-04	2.296E-02	1.840E-03	2.348E-04	2.646E-05	2.873E-04	8.313E-04	1.145E-03	6.614E-06	1.231E-04	7.648E-04	8.945E-04	2.292E+00	2.292E+00
County	Fresno	2005	Annual	T6 instate construction heavy	65 MPH	1.355E-03	2.679E-02	3.226E-03	2.391E-04	2.646E-05	2.873E-04	1.283E-03	1.597E-03	6.614E-06	1.231E-04	1.180E-03	1.310E-03	2.334E+00	2.334E+00
County	Fresno	2005	Annual	T6 instate construction small	65 MPH	9.145E-04	2.475E-02	2.275E-03	2.354E-04	2.646E-05	2.873E-04	9.613E-04	1.275E-03	6.614E-06	1.231E-04	8.844E-04	1.014E-03	2.299E+00	2.299E+00
County	Fresno	2005	Annual	T6 instate heavy	65 MPH	1.355E-03	2.679E-02	3.226E-03	2.391E-04	2.646E-05	2.873E-04	1.283E-03	1.597E-03	6.614E-06	1.231E-04	1.180E-03	1.310E-03	2.334E+00	2.334E+00
County	Fresno	2005	Annual	T6 instate small	65 MPH	9.145E-04	2.475E-02	2.275E-03	2.354E-04	2.646E-05	2.873E-04	9.613E-04	1.275E-03	6.614E-06	1.231E-04	8.844E-04	1.014E-03	2.299E+00	2.299E+00
County	Fresno	2005	Annual	T6 OOS heavy	65 MPH	8.973E-04	2.411E-02	2.259E-03	2.361E-04	2.646E-05	2.873E-04	9.678E-04	1.282E-03	6.614E-06	1.231E-04	8.904E-04	1.020E-03	2.305E+00	2.305E+00
County	Fresno	2005	Annual	T6 OOS small	65 MPH	6.980E-04	2.296E-02	1.840E-03	2.348E-04	2.646E-05	2.873E-04	8.313E-04	1.145E-03	6.614E-06	1.231E-04	7.648E-04	8.945E-04	2.292E+00	2.292E+00
County	Fresno	2005	Annual	T6 Public	65 MPH	7.764E-04	2.552E-02	1.872E-03	2.410E-04	2.646E-05	2.873E-04	9.084E-04	1.222E-03	6.614E-06	1.231E-04	8.357E-04	9.655E-04	2.353E+00	2.353E+00
County	Fresno	2005	Annual	T6 utility	65 MPH	4.634E-04	2.305E-02	1.220E-03	2.354E-04	2.646E-05	2.873E-04	6.828E-04	9.966E-04	6.614E-06	1.231E-04	6.281E-04	7.579E-04	2.298E+00	2.298E+00
County	Fresno	2005	Annual	T6TS	65 MPH	1.719E-03	1.159E-02	6.924E-02	1.636E-05	1.764E-05	8.102E-05	1.085E-05	1.095E-04	4.409E-06	3.472E-05	9.422E-06	4.855E-05	1.414E+00	1.414E+00
County	Fresno	2005	Annual	T7 Ag	65 MPH	2.182E-03	4.430E-02	7.568E-03	3.485E-04	7.937E-05	1.361E-04	1.987E-03	2.202E-03	1.984E-05	5.833E-05	1.828E-03	1.906E-03	3.617E+00	3.617E+00
County	Fresno	2005	Annual	T7 CAIRP	65 MPH	2.186E-03	4.424E-02	6.178E-03	3.408E-04	7.937E-05	1.361E-04	1.566E-03	1.781E-03	1.984E-05	5.833E-05	1.440E-03	1.519E-03	3.537E+00	3.537E+00
County	Fresno	2005	Annual	T7 CAIRP construction	65 MPH	2.186E-03	4.424E-02	6.178E-03	3.408E-04	7.937E-05	1.361E-04	1.566E-03	1.781E-03	1.984E-05	5.833E-05	1.440E-03	1.519E-03	3.537E+00	3.537E+00
County	Fresno	2005	Annual	T7 NNOOS	65 MPH	1.269E-03	3.214E-02	4.587E-03	3.399E-04	7.937E-05	1.361E-04	1.471E-03	1.686E-03	1.984E-05	5.833E-05	1.353E-03	1.431E-03	3.528E+00	3.528E+00
County	Fresno	2005	Annual	T7 NOOS	65 MPH	2.186E-03	4.424E-02	6.178E-03	3.408E-04	7.937E-05	1.361E-04	1.566E-03	1.781E-03	1.984E-05	5.833E-05	1.440E-03	1.519E-03	3.537E+00	3.537E+00
County	Fresno	2005	Annual	T7 other port	65 MPH	2.746E-03	4.883E-02	7.608E-03	3.383E-04	7.937E-05	1.361E-04	1.788E-03	2.003E-03	1.984E-05	5.833E-05	1.645E-03	1.723E-03	3.512E+00	3.512E+00
County	Fresno	2005	Annual	T7 POAK	65 MPH	2.821E-03	4.902E-02	7.953E-03	3.391E-04	7.937E-05	1.361E-04	1.882E-03	2.098E-03	1.984E-05	5.833E-05	1.732E-03	1.810E-03	3.520E+00	3.520E+00
County	Fresno	2005	Annual	T7 POLA	65 MPH	2.979E-03	4.775E-02	9.703E-03	3.474E-04	7.937E-05	1.361E-04	2.391E-03	2.607E-03	1.984E-05	5.833E-05	2.200E-03	2.278E-03	3.606E+00	3.606E+00
County	Fresno	2005	Annual	T7 Public	65 MPH	1.335E-03	4.142E-02	5.320E-03	3.565E-04	7.937E-05	1.361E-04	1.658E-03	1.874E-03	1.984E-05	5.833E-05	1.526E-03	1.604E-03	3.700E+00	3.700E+00
County	Fresno	2005	Annual	T7 Single	65 MPH	1.385E-03	3.778E-02	5.072E-03	3.448E-04	7.937E-05	1.361E-04	1.548E-03	1.764E-03	1.984E-05	5.833E-05	1.424E-03	1.503E-03	3.578E+00	3.578E+00
County	Fresno	2005	Annual	T7 single construction	65 MPH	1.385E-03	3.778E-02	5.072E-03	3.448E-04	7.937E-05	1.361E-04	1.548E-03	1.764E-03	1.984E-05	5.833E-05	1.424E-03	1.503E-03	3.578E+00	3.578E+00
County	Fresno	2005	Annual	T7 SWCV	65 MPH	1.296E-03	4.003E-02	4.853E-03	3.488E-04	7.937E-05	1.361E-04	1.515E-03	1.730E-03	1.984E-05	5.833E-05	1.393E-03	1.472E-03	3.620E+00	3.620E+00
County	Fresno	2005	Annual	T7 tractor	65 MPH	2.244E-03	4.324E-02	7.147E-03	3.435E-04	7.937E-05	1.361E-04	1.827E-03	2.042E-03	1.984E-05	5.833E-05	1.681E-03	1.759E-03	3.565E+00	3.565E+00
County	Fresno	2005	Annual	T7 tractor construction	65 MPH	2.249E-03	4.286E-02	7.269E-03	3.438E-04	7.937E-05	1.361E-04	1.865E-03	2.081E-03	1.984E-05	5.833E-05	1.716E-03	1.794E-03	3.568E+00	3.568E+00
County	Fresno	2005	Annual	T7 utility	65 MPH	8.391E-04	3.832E-02	2.970E-03	3.440E-04	7.937E-05	1.361E-04	1.123E-03	1.338E-03	1.984E-05	5.833E-05	1.033E-03	1.111E-03	3.571E+00	3.571E+00
County	Fresno	2005	Annual	T7IS	65 MPH	3.837E-03	2.602E-02	2.029E-01	1.587E-05	1.764E-05	8.102E-05	6.153E-06	1.048E-04	4.409E-06	3.472E-05	5.028E-06	4.416E-05	1.414E+00	1.414E+00
County	Fresno	2005	Annual	UBUS	65 MPH	1.345E-03	4.561E-02	1.956E-02	3.654E-04	1.764E-05	1.320E-03	2.858E-04	1.623E-03	4.409E-06	5.657E-04	2.628E-04	8.329E-04	4.435E+00	4.435E+00

County	Fresno	2005	Annual	All Other Buses	70 MPH	1.644E-03	2.868E-02	3.552E-03	2.396E-04	2.646E-05	2.873E-04	1.477E-03	1.791E-03	6.614E-06	1.231E-04	1.359E-03	1.489E-03	2.404E+00	2.404E+00
County	Fresno	2005	Annual	LDA	70 MPH	3.612E-04	1.058E-03	9.147E-03	7.638E-06	1.764E-05	8.102E-05	1.507E-05	1.137E-04	4.409E-06	3.472E-05	1.368E-05	5.281E-05	8.543E-01	8.543E-01
County	Fresno	2005	Annual	LDT1	70 MPH	1.032E-03	2.530E-03	2.568E-02	8.826E-06	1.764E-05	8.102E-05	2.560E-05	1.243E-04	4.409E-06	3.472E-05	2.255E-05	6.168E-05	9.759E-01	9.759E-01
County	Fresno	2005	Annual	LDT2	70 MPH	4.543E-04	1.873E-03	1.187E-02	1.030E-05	1.764E-05	8.102E-05	1.352E-05	1.122E-04	4.409E-06	3.472E-05	1.214E-05	5.127E-05	1.178E+00	1.178E+00
County	Fresno	2005	Annual	LHD1	70 MPH	4.245E-04	1.321E-02	1.212E-02	5.636E-05	2.132E-05	1.176E-04	3.613E-05	1.750E-04	5.330E-06	5.039E-05	3.324E-05	8.895E-05	1.519E+00	1.519E+00
County	Fresno	2005	Annual	LHD2	70 MPH	4.690E-04	1.724E-02	1.402E-02	7.244E-05	2.299E-05	1.512E-04	4.901E-05	2.232E-04	5.747E-06	6.479E-05	4.493E-05	1.155E-04	1.403E+00	1.403E+00
County	Fresno	2005	Annual	MCY	70 MPH	1.679E-02	3.741E-03	3.358E-01	4.787E-06	1.762E-05	8.089E-05	2.616E-05	1.247E-04	4.404E-06	3.467E-05	2.013E-05	5.920E-05	2.283E-01	2.283E-01
County	Fresno	2005	Annual	MDV	70 MPH	3.601E-04	1.782E-03	1.042E-02	1.272E-05	1.764E-05	8.102E-05	9.542E-06	1.082E-04	4.409E-06	3.472E-05	8.647E-06	4.778E-05	1.464E+00	1.464E+00
County	Fresno	2005	Annual	MH	70 MPH	1.159E-03	9.458E-03	7.415E-02	4.977E-05	1.898E-05	1.123E-04	1.364E-04	2.677E-04	4.744E-06	4.815E-05	1.248E-04	1.777E-04	1.862E+00	1.862E+00
County	Fresno	2005	Annual	Motor Coach	70 MPH	2.337E-03	4.479E-02	6.219E-03	3.418E-04	2.646E-05	2.873E-04	1.832E-03	2.146E-03	6.614E-06	1.231E-04	1.685E-03	1.815E-03	3.645E+00	3.645E+00
County	Fresno	2005	Annual	OBUS	70 MPH	7.861E-04	1.068E-02	3.645E-02	1.550E-05	1.764E-05	8.102E-05	3.961E-06	1.026E-04	4.409E-06	3.472E-05	3.535E-06	4.267E-05	1.771E+00	1.771E+00
County	Fresno	2005	Annual	PTO	70 MPH	2.711E-03	4.326E-02	1.557E-02	4.261E-04	0.000E+00	0.000E+00	2.251E-03	2.251E-03	0.000E+00	0.000E+00	2.071E-03	2.071E-03	4.808E+00	4.808E+00
County	Fresno	2005	Annual	SBUS	70 MPH	1.363E-03	2.224E-02	2.529E-02	2.088E-04	2.472E-05	1.334E-03	7.625E-04	2.122E-03	6.179E-06	5.719E-04	7.012E-04	1.279E-03	2.085E+00	2.085E+00
County	Fresno	2005	Annual	T6 Ag	70 MPH	1.553E-03	2.780E-02	3.406E-03	2.400E-04	2.646E-05	2.873E-04	1.459E-03	1.773E-03	6.614E-06	1.231E-04	1.343E-03	1.472E-03	2.408E+00	2.408E+00
County	Fresno	2005	Annual	T6 CAIRP heavy	70 MPH	1.095E-03	2.502E-02	2.497E-03	2.361E-04	2.646E-05	2.873E-04	1.158E-03	1.472E-03	6.614E-06	1.231E-04	1.065E-03	1.195E-03	2.369E+00	2.369E+00
County	Fresno	2005	Annual	T6 CAIRP small	70 MPH	8.772E-04	2.379E-02	2.071E-03	2.348E-04	2.646E-05	2.873E-04	1.018E-03	1.332E-03	6.614E-06	1.231E-04	9.364E-04	1.066E-03	2.356E+00	2.356E+00
County	Fresno	2005	Annual	T6 instate construction heavy	70 MPH	1.515E-03	2.677E-02	3.384E-03	2.391E-04	2.646E-05	2.873E-04	1.442E-03	1.756E-03	6.614E-06	1.231E-04	1.327E-03	1.456E-03	2.397E+00	2.397E+00
County	Fresno	2005	Annual	T6 instate construction small	70 MPH	1.036E-03	2.433E-02	2.417E-03	2.354E-04	2.646E-05	2.873E-04	1.134E-03	1.448E-03	6.614E-06	1.231E-04	1.044E-03	1.173E-03	2.361E+00	2.361E+00
County	Fresno	2005	Annual	T6 instate heavy	70 MPH	1.497E-03	2.673E-02	3.342E-03	2.391E-04	2.646E-05	2.873E-04	1.427E-03	1.740E-03	6.614E-06	1.231E-04	1.312E-03	1.442E-03	2.395E+00	2.395E+00
County	Fresno	2005	Annual	T6 instate small	70 MPH	1.033E-03	2.439E-02	2.402E-03	2.354E-04	2.646E-05	2.873E-04	1.127E-03	1.441E-03	6.614E-06	1.231E-04	1.037E-03	1.167E-03	2.361E+00	2.361E+00
County	Fresno	2005	Annual	T6 OOS heavy	70 MPH	1.095E-03	2.502E-02	2.497E-03	2.361E-04	2.646E-05	2.873E-04	1.158E-03	1.472E-03	6.614E-06	1.231E-04	1.065E-03	1.195E-03	2.369E+00	2.369E+00
County	Fresno	2005	Annual	T6 OOS small	70 MPH	8.772E-04	2.379E-02	2.071E-03	2.348E-04	2.646E-05	2.873E-04	1.018E-03	1.332E-03	6.614E-06	1.231E-04	9.364E-04	1.066E-03	2.356E+00	2.356E+00
County	Fresno	2005	Annual	T6 Public	70 MPH	9.017E-04	2.659E-02	2.006E-03	2.410E-04	2.646E-05	2.873E-04	1.035E-03	1.349E-03	6.614E-06	1.231E-04	9.522E-04	1.082E-03	2.417E+00	2.417E+00
County	Fresno	2005	Annual	T6 utility	70 MPH	5.705E-04	2.386E-02	1.357E-03	2.354E-04	2.646E-05	2.873E-04	8.261E-04	1.140E-03	6.614E-06	1.231E-04	7.600E-04	8.898E-04	2.361E+00	2.361E+00
County	Fresno	2005	Annual	T6TS	70 MPH	1.868E-03	1.391E-02	8.004E-02	1.636E-05	1.764E-05	8.102E-05	9.405E-06	1.081E-04	4.409E-06	3.472E-05	8.209E-06	4.734E-05	1.771E+00	1.771E+00
County	Fresno	2005	Annual	T7 Ag	70 MPH	2.615E-03	4.593E-02	8.148E-03	3.485E-04	7.937E-05	1.361E-04	2.282E-03	2.497E-03	1.984E-05	5.833E-05	2.099E-03	2.178E-03	3.717E+00	3.717E+00
County	Fresno	2005	Annual	T7 CAIRP	70 MPH	2.791E-03	4.574E-02	7.007E-03	3.408E-04	7.937E-05	1.361E-04	1.949E-03	2.165E-03	1.984E-05	5.833E-05	1.793E-03	1.871E-03	3.634E+00	3.634E+00
County	Fresno	2005	Annual	T7 CAIRP construction	70 MPH	2.791E-03	4.566E-02	7.007E-03	3.408E-04	7.937E-05	1.361E-04	1.949E-03	2.165E-03	1.984E-05	5.833E-05	1.793E-03	1.871E-03	3.634E+00	3.634E+00
County	Fresno	2005	Annual	T7 NNOOS	70 MPH	1.579E-03	3.343E-02	5.143E-03	3.399E-04	7.937E-05	1.361E-04	1.773E-03	1.989E-03	1.984E-05	5.833E-05	1.632E-03	1.710E-03	3.625E+00	3.625E+00
County	Fresno	2005	Annual	T7 NOOS	70 MPH	2.791E-03	4.574E-02	7.007E-03	3.408E-04	7.937E-05	1.361E-04	1.949E-03	2.165E-03	1.984E-05	5.833E-05	1.793E-03	1.871E-03	3.634E+00	3.634E+00
County	Fresno	2005	Annual	T7 other port	70 MPH	2.746E-03	4.861E-02	7.608E-03	3.383E-04	7.937E-05	1.361E-04	1.788E-03	2.003E-03	1.984E-05	5.833E-05	1.645E-03	1.723E-03	3.512E+00	3.512E+00
County	Fresno	2005	Annual	T7 POAK	70 MPH	2.821E-03	4.889E-02	7.953E-03	3.391E-04	7.937E-05	1.361E-04	1.882E-03	2.098E-03	1.984E-05	5.833E-05	1.732E-03	1.810E-03	3.520E+00	3.520E+00
County	Fresno	2005	Annual	T7 POLA	70 MPH	3.639E-03	4.945E-02	1.057E-02	3.474E-04	7.937E-05	1.361E-04	2.803E-03	3.018E-03	1.984E-05	5.833E-05	2.578E-03	2.657E-03	3.705E+00	3.705E+00
County	Fresno	2005	Annual	T7 Public	70 MPH	1.458E-03	4.270E-02	5.347E-03	3.565E-04	7.937E-05	1.361E-04	1.786E-03	2.002E-03	1.984E-05	5.833E-05	1.643E-03	1.721E-03	3.798E+00	3.798E+00
County	Fresno	2005	Annual	T7 Single	70 MPH	1.838E-03	4.071E-02	6.226E-03	3.448E-04	7.937E-05	1.361E-04	1.918E-03	2.134E-03	1.984E-05	5.833E-05	1.765E-03	1.843E-03	3.696E+00	3.696E+00
County	Fresno	2005	Annual	T7 single construction	70 MPH	1.841E-03	4.062E-02	6.278E-03	3.448E-04	7.937E-05	1.361E-04	1.931E-03	2.146E-03	1.984E-05	5.833E-05	1.776E-03	1.855E-03	3.696E+00	3.696E+00
County	Fresno	2005	Annual	T7 SWCV	70 MPH	1.599E-03	4.276E-02	5.362E-03	3.488E-04	7.937E-05	1.361E-04	1.752E-03	1.967E-03	1.984E-05	5.833E-05	1.612E-03	1.690E-03	3.734E+00	3.734E+00
County	Fresno	2005	Annual	T7 tractor	70 MPH	2.930E-03	4.562E-02	8.443E-03	3.435E-04	7.937E-05	1.361E-04	2.292E-03	2.508E-03	1.984E-05	5.833E-05	2.109E-03	2.187E-03	3.674E+00	3.674E+00
County	Fresno	2005	Annual	T7 tractor construction	70 MPH	2.990E-03	4.561E-02	8.783E-03	3.438E-04	7.937E-05	1.361E-04	2.375E-03	2.591E-03	1.984E-05	5.833E-05	2.185E-03	2.263E-03	3.682E+00	3.682E+00
County	Fresno	2005	Annual	T7 utility	70 MPH	1.016E-03	3.970E-02	3.237E-03	3.440E-04	7.937E-05	1.361E-04	1.319E-03	1.535E-03	1.984E-05	5.833E-05	1.214E-03	1.292E-03	3.669E+00	3.669E+00
County	Fresno	2005	Annual	T7IS	70 MPH	6.808E-03	4.431E-02	3.654E-01	1.587E-05	1.764E-05	8.102E-05	7.226E-06	1.059E-04	4.409E-06	3.472E-05	6.141E-06	4.527E-05	1.771E+00	1.771E+00
County	Fresno	2005	Annual	UBUS	70 MPH	1.345E-03	4.561E-02	1.956E-02	3.654E-04	1.764E-05	1.320E-03	2.858E-04	1.623E-03	4.409E-06	5.657E-04	2.628E-04	8.329E-04	4.435E+00	4.435E+00

Fresno 2012 - all Model Years 1.0E-06 **MTons/Mile**

Region_Type	Region	CalYr	Season	Veh	Speed	ROG_RUNEX	NOx_RUNEX	CO_RUNEX	SOx_RUNEX	PM10_PMTW	PM10_PMBW	PM10_RUNEX	PM10_Total	PM2_5_PMTW	PM2_5_PMBW	PM2_5_RUNEX	PM2_5_Total	CO2_RUNEX	CO2(Pavley I + LCFS)_RUNEX
County	Fresno	2005	Annual	All Other Buses	05 MPH	7.912E-06	3.574E-05	8.916E-06	1.087E-07	1.200E-08	1.303E-07	2.710E-06	2.852E-06	3.000E-09	5.586E-08	2.493E-06	2.552E-06	2.652E-03	2.652E-03
County	Fresno	2005	Annual	LDA	05 MPH	8.300E-07	7.478E-07	9.589E-06	3.464E-09	8.000E-09	3.675E-08	4.219E-08	8.694E-08	2.000E-09	1.575E-08	3.866E-08	5.641E-08	1.116E-03	1.116E-03
County	Fresno	2005	Annual	LDT1	05 MPH	2.033E-06	1.615E-06	2.509E-05	4.004E-09	8.000E-09	3.675E-08	6.403E-08	1.088E-07	2.000E-09	1.575E-08	5.748E-08	7.523E-08	1.276E-03	1.276E-03
County	Fresno	2005	Annual	LDT2	05 MPH	1.014E-06	1.375E-06	1.239E-05	4.674E-09	8.000E-09	3.675E-08	3.673E-08	8.148E-08	2.000E-09	1.575E-08	3.344E-08	5.119E-08	1.541E-03	1.541E-03
County	Fresno	2005	Annual	LHD1	05 MPH	1.492E-06	4.524E-06	1.705E-05	2.557E-08	9.671E-09	5.333E-08	7.902E-08	1.420E-07	2.418E-09	2.286E-08	7.261E-08	9.789E-08	1.686E-03	1.686E-03
County	Fresno	2005	Annual	LHD2	05 MPH	1.542E-06	6.188E-06	2.102E-05	3.286E-08	1.043E-08	6.857E-08	1.100E-07	1.890E-07	2.607E-09	2.939E-08	1.003E-07	1.323E-07	1.312E-03	1.312E-03
County	Fresno	2005	Annual	MCY	05 MPH	5.665E-06	1.066E-06	4.501E-05	2.171E-09	7.990E-09	3.669E-08	8.726E-09	5.341E-08	1.998E-09	1.572E-08	6.725E-09	2.445E-08	2.216E-04	2.216E-04
County	Fresno	2005	Annual	MDV	05 MPH	8.450E-07	1.317E-06	1.058E-05	5.771E-09	8.000E-09	3.675E-08	2.641E-08	7.116E-08	2.000E-09	1.575E-08	2.418E-08	4.193E-08	1.915E-03	1.915E-03
County	Fresno	2005	Annual	MH	05 MPH	5.023E-06	5.321E-06	1.012E-04	2.257E-08	8.607E-09	5.096E-08	1.917E-07	2.512E-07	2.152E-09	2.184E-08	1.734E-07	1.974E-07	2.493E-03	2.493E-03
County	Fresno	2005	Annual	Motor Coach	05 MPH	1.147E-05	5.795E-05	1.729E-05	1.550E-07	1.200E-08	1.303E-07	3.435E-06	3.577E-06	3.000E-09	5.586E-08	3.160E-06	3.219E-06	4.022E-03	4.022E-03
County	Fresno	2005	Annual	OBUS	05 MPH	2.893E-06	2.318E-06	4.043E-05	7.032E-09	8.000E-09	3.675E-08	1.795E-08	6.270E-08	2.000E-09	1.575E-08	1.631E-08	3.406E-08	2.513E-03	2.513E-03
County	Fresno	2005	Annual	PTO	05 MPH	1.230E-06	1.962E-05	7.062E-06	1.933E-07	0.000E+00	0.000E+00	1.021E-06	1.021E-06	0.000E+00	0.000E+00	9.393E-07	9.393E-07	2.181E-03	2.181E-03
County	Fresno	2005	Annual	SBUS	05 MPH	8.520E-06	2.747E-05	6.586E-05	9.472E-08	1.121E-08	6.053E-07	1.712E-06	2.328E-06	2.803E-09	2.594E-07	1.573E-06	1.835E-06	2.623E-03	2.623E-03
County	Fresno	2005	Annual	T6 Ag	05 MPH	7.491E-06	3.465E-05	8.406E-06	1.089E-07	1.200E-08	1.303E-07	2.588E-06	2.730E-06	3.000E-09	5.586E-08	2.381E-06	2.439E-06	2.657E-03	2.657E-03
County	Fresno	2005	Annual	T6 CAIRP heavy	05 MPH	5.435E-06	3.259E-05	6.588E-06	1.071E-07	1.200E-08	1.303E-07	1.910E-06	2.052E-06	3.000E-09	5.586E-08	1.757E-06	1.816E-06	2.613E-03	2.613E-03
County	Fresno	2005	Annual	T6 CAIRP small	05 MPH	4.454E-06	3.168E-05	5.702E-06	1.065E-07	1.200E-08	1.303E-07	1.595E-06	1.738E-06	3.000E-09	5.586E-08	1.468E-06	1.527E-06	2.599E-03	2.599E-03
County	Fresno	2005	Annual	T6 instate construction heavy	05 MPH	7.706E-06	3.476E-05	8.682E-06	1.084E-07	1.200E-08	1.303E-07	2.645E-06	2.787E-06	3.000E-09	5.586E-08	2.433E-06	2.492E-06	2.646E-03	2.646E-03
County	Fresno	2005	Annual	T6 instate construction small	05 MPH	5.607E-06	3.343E-05	6.888E-06	1.068E-07	1.200E-08	1.303E-07	2.004E-06	2.146E-06	3.000E-09	5.586E-08	1.843E-06	1.902E-06	2.606E-03	2.606E-03
County	Fresno	2005	Annual	T6 instate heavy	05 MPH	7.706E-06	3.476E-05	8.682E-06	1.084E-07	1.200E-08	1.303E-07	2.645E-06	2.787E-06	3.000E-09	5.586E-08	2.433E-06	2.492E-06	2.646E-03	2.646E-03
County	Fresno	2005	Annual	T6 instate small	05 MPH	5.607E-06	3.343E-05	6.888E-06	1.068E-07	1.200E-08	1.303E-07	2.004E-06	2.146E-06	3.000E-09	5.586E-08	1.843E-06	1.902E-06	2.606E-03	2.606E-03
County	Fresno	2005	Annual	T6 OOS heavy	05 MPH	5.435E-06	3.259E-05	6.588E-06	1.071E-07	1.200E-08	1.303E-07	1.910E-06	2.052E-06	3.000E-09	5.586E-08	1.757E-06	1.816E-06	2.613E-03	2.613E-03
County	Fresno	2005	Annual	T6 OOS small	05 MPH	4.454E-06	3.168E-05	5.702E-06	1.065E-07	1.200E-08	1.303E-07	1.595E-06	1.738E-06	3.000E-09	5.586E-08	1.468E-06	1.527E-06	2.599E-03	2.599E-03
County	Fresno	2005	Annual	T6 Public	05 MPH	4.348E-06	3.274E-05	4.816E-06	1.093E-07	1.200E-08	1.303E-07	1.812E-06	1.954E-06	3.000E-09	5.586E-08	1.667E-06	1.726E-06	2.668E-03	2.668E-03
County	Fresno	2005	Annual	T6 utility	05 MPH	2.885E-06	3.119E-05	3.600E-06	1.068E-07	1.200E-08	1.303E-07	1.333E-06	1.475E-06	3.000E-09	5.586E-08	1.226E-06	1.285E-06	2.605E-03	2.605E-03
County	Fresno	2005	Annual	T6TS	05 MPH	8.380E-06	3.327E-06	1.231E-04	7.423E-09	8.000E-09	3.675E-08	5.192E-08	9.667E-08	2.000E-09	1.575E-08	4.508E-08	6.283E-08	2.513E-03	2.513E-03
County	Fresno	2005	Annual	T7 Ag	05 MPH	1.257E-05	5.695E-05	2.019E-05	1.581E-07	3.600E-08	6.174E-08	4.249E-06	4.346E-06	9.000E-09	2.646E-08	3.909E-06	3.944E-06	4.100E-03	4.100E-03
County	Fresno	2005	Annual	T7 CAIRP	05 MPH	1.380E-05	5.984E-05	2.027E-05	1.546E-07	3.600E-08	6.174E-08	3.616E-06	3.714E-06	9.000E-09	2.646E-08	3.327E-06	3.363E-06	4.009E-03	4.009E-03
County	Fresno	2005	Annual	T7 CAIRP construction	05 MPH	1.380E-05	5.984E-05	2.027E-05	1.546E-07	3.600E-08	6.174E-08	3.616E-06	3.714E-06	9.000E-09	2.646E-08	3.327E-06	3.363E-06	4.009E-03	4.009E-03
County	Fresno	2005	Annual	T7 NNOOS	05 MPH	8.581E-06	4.681E-05	1.336E-05	1.542E-07	3.600E-08	6.174E-08	2.013E-06	2.111E-06	9.000E-09	2.646E-08	1.852E-06	1.887E-06	3.999E-03	3.999E-03
County	Fresno	2005	Annual	T7 NOOS	05 MPH	1.380E-05	5.984E-05	2.027E-05	1.546E-07	3.600E-08	6.174E-08	3.616E-06	3.714E-06	9.000E-09	2.646E-08	3.327E-06	3.363E-06	4.009E-03	4.009E-03
County	Fresno	2005	Annual	T7 other port	05 MPH	1.692E-05	6.415E-05	2.564E-05	1.535E-07	3.600E-08	6.174E-08	4.934E-06	5.032E-06	9.000E-09	2.646E-08	4.540E-06	4.575E-06	3.981E-03	3.981E-03
County	Fresno	2005	Annual	T7 POAK	05 MPH	1.727E-05	6.416E-05	2.629E-05	1.538E-07	3.600E-08	6.174E-08	5.120E-06	5.217E-06	9.000E-09	2.646E-08	4.710E-06	4.746E-06	3.990E-03	3.990E-03
County	Fresno	2005	Annual	T7 POLA	05 MPH	1.742E-05	6.116E-05	2.752E-05	1.576E-07	3.600E-08	6.174E-08	5.570E-06	5.667E-06	9.000E-09	2.646E-08	5.124E-06	5.160E-06	4.087E-03	4.087E-03
County	Fresno	2005	Annual	T7 Public	05 MPH	7.264E-06	5.141E-05	1.240E-05	1.617E-07	3.600E-08	6.174E-08	3.155E-06	3.253E-06	9.000E-09	2.646E-08	2.902E-06	2.938E-06	4.195E-03	4.195E-03
County	Fresno	2005	Annual	T7 Single	05 MPH	8.282E-06	5.045E-05	1.343E-05	1.564E-07	3.600E-08	6.174E-08	2.817E-06	2.915E-06	9.000E-09	2.646E-08	2.592E-06	2.627E-06	4.057E-03	4.057E-03
County	Fresno	2005	Annual	T7 single construction	05 MPH	8.282E-06	5.045E-05	1.343E-05	1.564E-07	3.600E-08	6.174E-08	2.817E-06	2.915E-06	9.000E-09	2.646E-08	2.592E-06	2.627E-06	4.057E-03	4.057E-03
County	Fresno	2005	Annual	T7 SWCV	05 MPH	7.429E-06	5.177E-05	1.225E-05	1.582E-07	3.600E-08	6.174E-08	2.925E-06	3.023E-06	9.000E-09	2.646E-08	2.691E-06	2.726E-06	4.104E-03	4.104E-03
County	Fresno	2005	Annual	T7 tractor	05 MPH	1.359E-05	5.743E-05	2.102E-05	1.558E-07	3.600E-08	6.174E-08	3.955E-06	4.052E-06	9.000E-09	2.646E-08	3.638E-06	3.674E-06	4.041E-03	4.041E-03
County	Fresno	2005	Annual	T7 tractor construction	05 MPH	1.357E-05	5.690E-05	2.111E-05	1.559E-07	3.600E-08	6.174E-08	3.975E-06	4.072E-06	9.000E-09	2.646E-08	3.657E-06	3.692E-06	4.045E-03	4.045E-03
County	Fresno	2005	Annual	T7 utility	05 MPH	5.086E-06	5.084E-05	8.121E-06	1.560E-07	3.600E-08	6.174E-08	2.177E-06	2.275E-06	9.000E-09	2.646E-08	2.003E-06	2.039E-06	4.048E-03	4.048E-03
County	Fresno	2005	Annual	T7IS	05 MPH	1.843E-05	7.463E-06	3.612E-04	7.197E-09	8.000E-09	3.675E-08	2.944E-08	7.419E-08	2.000E-09	1.575E-08	2.406E-08	4.181E-08	2.513E-03	2.513E-03
County	Fresno	2005	Annual	UBUS	05 MPH	3.065E-06	2.563E-05	2.817E-05	1.658E-07	8.000E-09	5.987E-07	6.867E-07	1.293E-06	2.000E-09	2.566E-07	6.313E-07	8.899E-07	2.593E-03	2.593E-03

County	Fresno	2005	Annual	All Other Buses	10 MPH	4.932E-06	2.470E-05	7.118E-06	1.087E-07	1.200E-08	1.303E-07	1.917E-06	2.060E-06	3.000E-09	5.586E-08	1.764E-06	1.823E-06	2.190E-03	2.190E-03
County	Fresno	2005	Annual	LDA	10 MPH	5.560E-07	6.363E-07	8.008E-06	3.464E-09	8.000E-09	3.675E-08	2.761E-08	7.236E-08	2.000E-09	1.575E-08	2.527E-08	4.302E-08	8.336E-04	8.336E-04
County	Fresno	2005	Annual	LDT1	10 MPH	1.386E-06	1.362E-06	1.979E-05	4.004E-09	8.000E-09	3.675E-08	4.278E-08	8.753E-08	2.000E-09	1.575E-08	3.835E-08	5.610E-08	9.521E-04	9.521E-04
County	Fresno	2005	Annual	LDT2	10 MPH	6.836E-07	1.154E-06	1.024E-05	4.674E-09	8.000E-09	3.675E-08	2.406E-08	6.881E-08	2.000E-09	1.575E-08	2.188E-08	3.963E-08	1.150E-03	1.150E-03
County	Fresno	2005	Annual	LHD1	10 MPH	1.220E-06	4.168E-06	1.382E-05	2.557E-08	9.671E-09	5.333E-08	6.861E-08	1.316E-07	2.418E-09	2.286E-08	6.305E-08	8.833E-08	1.408E-03	1.408E-03
County	Fresno	2005	Annual	LHD2	10 MPH	1.267E-06	5.652E-06	1.698E-05	3.286E-08	1.043E-08	6.857E-08	9.616E-08	1.752E-07	2.607E-09	2.939E-08	8.775E-08	1.197E-07	1.125E-03	1.125E-03
County	Fresno	2005	Annual	MCY	10 MPH	4.930E-06	1.074E-06	3.995E-05	2.171E-09	7.990E-09	3.669E-08	7.706E-09	5.239E-08	1.998E-09	1.572E-08	5.937E-09	2.366E-08	2.044E-04	2.044E-04
County	Fresno	2005	Annual	MDV	10 MPH	5.649E-07	1.107E-06	8.712E-06	5.771E-09	8.000E-09	3.675E-08	1.721E-08	6.196E-08	2.000E-09	1.575E-08	1.574E-08	3.349E-08	1.430E-03	1.430E-03
County	Fresno	2005	Annual	MH	10 MPH	4.038E-06	4.722E-06	8.201E-05	2.257E-08	8.607E-09	5.096E-08	1.587E-07	2.182E-07	2.152E-09	2.184E-08	1.436E-07	1.676E-07	2.055E-03	2.055E-03
County	Fresno	2005	Annual	Motor Coach	10 MPH	6.835E-06	3.901E-05	1.325E-05	1.550E-07	1.200E-08	1.303E-07	2.348E-06	2.490E-06	3.000E-09	5.586E-08	2.160E-06	2.219E-06	3.322E-03	3.322E-03
County	Fresno	2005	Annual	OBUS	10 MPH	2.332E-06	2.379E-06	3.274E-05	7.032E-09	8.000E-09	3.675E-08	1.445E-08	5.920E-08	2.000E-09	1.575E-08	1.314E-08	3.089E-08	2.036E-03	2.036E-03
County	Fresno	2005	Annual	PTO	10 MPH	1.230E-06	1.962E-05	7.062E-06	1.933E-07	0.000E+00	0.000E+00	1.021E-06	1.021E-06	0.000E+00	0.000E+00	9.393E-07	9.393E-07	2.181E-03	2.181E-03
County	Fresno	2005	Annual	SBUS	10 MPH	6.025E-06	1.937E-05	5.317E-05	9.472E-08	1.121E-08	6.053E-07	1.225E-06	1.841E-06	2.803E-09	2.594E-07	1.125E-06	1.387E-06	2.159E-03	2.159E-03
County	Fresno	2005	Annual	T6 Ag	10 MPH	4.687E-06	2.413E-05	6.723E-06	1.089E-07	1.200E-08	1.303E-07	1.843E-06	1.985E-06	3.000E-09	5.586E-08	1.696E-06	1.754E-06	2.195E-03	2.195E-03
County	Fresno	2005	Annual	T6 CAIRP heavy	10 MPH	3.293E-06	2.232E-05	5.043E-06	1.071E-07	1.200E-08	1.303E-07	1.327E-06	1.469E-06	3.000E-09	5.586E-08	1.221E-06	1.279E-06	2.159E-03	2.159E-03
County	Fresno	2005	Annual	T6 CAIRP small	10 MPH	2.636E-06	2.152E-05	4.240E-06	1.065E-07	1.200E-08	1.303E-07	1.091E-06	1.233E-06	3.000E-09	5.586E-08	1.003E-06	1.062E-06	2.147E-03	2.147E-03
County	Fresno	2005	Annual	T6 instate construction heavy	10 MPH	4.809E-06	2.418E-05	6.925E-06	1.084E-07	1.200E-08	1.303E-07	1.877E-06	2.019E-06	3.000E-09	5.586E-08	1.726E-06	1.785E-06	2.186E-03	2.186E-03
County	Fresno	2005	Annual	T6 instate construction small	10 MPH	3.369E-06	2.273E-05	5.243E-06	1.068E-07	1.200E-08	1.303E-07	1.378E-06	1.521E-06	3.000E-09	5.586E-08	1.268E-06	1.327E-06	2.153E-03	2.153E-03
County	Fresno	2005	Annual	T6 instate heavy	10 MPH	4.809E-06	2.418E-05	6.925E-06	1.084E-07	1.200E-08	1.303E-07	1.877E-06	2.019E-06	3.000E-09	5.586E-08	1.726E-06	1.785E-06	2.186E-03	2.186E-03
County	Fresno	2005	Annual	T6 instate small	10 MPH	3.369E-06	2.273E-05	5.243E-06	1.068E-07	1.200E-08	1.303E-07	1.378E-06	1.521E-06	3.000E-09	5.586E-08	1.268E-06	1.327E-06	2.153E-03	2.153E-03
County	Fresno	2005	Annual	T6 OOS heavy	10 MPH	3.293E-06	2.232E-05	5.043E-06	1.071E-07	1.200E-08	1.303E-07	1.327E-06	1.469E-06	3.000E-09	5.586E-08	1.221E-06	1.279E-06	2.159E-03	2.159E-03
County	Fresno	2005	Annual	T6 OOS small	10 MPH	2.636E-06	2.152E-05	4.240E-06	1.065E-07	1.200E-08	1.303E-07	1.091E-06	1.233E-06	3.000E-09	5.586E-08	1.003E-06	1.062E-06	2.147E-03	2.147E-03
County	Fresno	2005	Annual	T6 Public	10 MPH	2.741E-06	2.293E-05	3.876E-06	1.093E-07	1.200E-08	1.303E-07	1.296E-06	1.438E-06	3.000E-09	5.586E-08	1.192E-06	1.251E-06	2.204E-03	2.204E-03
County	Fresno	2005	Annual	T6 utility	10 MPH	1.731E-06	2.122E-05	2.709E-06	1.068E-07	1.200E-08	1.303E-07	9.187E-07	1.061E-06	3.000E-09	5.586E-08	8.452E-07	9.040E-07	2.152E-03	2.152E-03
County	Fresno	2005	Annual	T6TS	10 MPH	6.753E-06	3.415E-06	9.971E-05	7.423E-09	8.000E-09	3.675E-08	4.181E-08	8.656E-08	2.000E-09	1.575E-08	3.631E-08	5.406E-08	2.036E-03	2.036E-03
County	Fresno	2005	Annual	T7 Ag	10 MPH	7.766E-06	3.933E-05	1.628E-05	1.581E-07	3.600E-08	6.174E-08	3.021E-06	3.119E-06	9.000E-09	2.646E-08	2.780E-06	2.815E-06	3.387E-03	3.387E-03
County	Fresno	2005	Annual	T7 CAIRP	10 MPH	8.131E-06	4.013E-05	1.526E-05	1.546E-07	3.600E-08	6.174E-08	2.441E-06	2.539E-06	9.000E-09	2.646E-08	2.246E-06	2.281E-06	3.312E-03	3.312E-03
County	Fresno	2005	Annual	T7 CAIRP construction	10 MPH	8.131E-06	4.013E-05	1.526E-05	1.546E-07	3.600E-08	6.174E-08	2.441E-06	2.539E-06	9.000E-09	2.646E-08	2.246E-06	2.281E-06	3.312E-03	3.312E-03
County	Fresno	2005	Annual	T7 NNOOS	10 MPH	5.032E-06	3.260E-05	9.598E-06	1.542E-07	3.600E-08	6.174E-08	1.405E-06	1.502E-06	9.000E-09	2.646E-08	1.292E-06	1.328E-06	3.304E-03	3.304E-03
County	Fresno	2005	Annual	T7 NOOS	10 MPH	8.131E-06	4.013E-05	1.526E-05	1.546E-07	3.600E-08	6.174E-08	2.441E-06	2.539E-06	9.000E-09	2.646E-08	2.246E-06	2.281E-06	3.312E-03	3.312E-03
County	Fresno	2005	Annual	T7 other port	10 MPH	1.001E-05	4.250E-05	1.966E-05	1.535E-07	3.600E-08	6.174E-08	3.313E-06	3.411E-06	9.000E-09	2.646E-08	3.048E-06	3.083E-06	3.289E-03	3.289E-03
County	Fresno	2005	Annual	T7 POAK	10 MPH	1.026E-05	4.264E-05	2.026E-05	1.538E-07	3.600E-08	6.174E-08	3.453E-06	3.551E-06	9.000E-09	2.646E-08	3.177E-06	3.212E-06	3.296E-03	3.296E-03
County	Fresno	2005	Annual	T7 POLA	10 MPH	1.064E-05	4.191E-05	2.196E-05	1.576E-07	3.600E-08	6.174E-08	3.900E-06	3.997E-06	9.000E-09	2.646E-08	3.588E-06	3.623E-06	3.377E-03	3.377E-03
County	Fresno	2005	Annual	T7 Public	10 MPH	4.647E-06	3.687E-05	1.039E-05	1.617E-07	3.600E-08	6.174E-08	2.327E-06	2.425E-06	9.000E-09	2.646E-08	2.141E-06	2.176E-06	3.465E-03	3.465E-03
County	Fresno	2005	Annual	T7 Single	10 MPH	5.071E-06	3.513E-05	1.055E-05	1.564E-07	3.600E-08	6.174E-08	2.011E-06	2.109E-06	9.000E-09	2.646E-08	1.850E-06	1.886E-06	3.351E-03	3.351E-03
County	Fresno	2005	Annual	T7 single construction	10 MPH	5.071E-06	3.513E-05	1.055E-05	1.564E-07	3.600E-08	6.174E-08	2.011E-06	2.109E-06	9.000E-09	2.646E-08	1.850E-06	1.886E-06	3.351E-03	3.351E-03
County	Fresno	2005	Annual	T7 SWCV	10 MPH	4.630E-06	3.617E-05	9.910E-06	1.582E-07	3.600E-08	6.174E-08	2.108E-06	2.205E-06	9.000E-09	2.646E-08	1.939E-06	1.974E-06	3.390E-03	3.390E-03
County	Fresno	2005	Annual	T7 tractor	10 MPH	8.189E-06	3.917E-05	1.635E-05	1.558E-07	3.600E-08	6.174E-08	2.748E-06	2.845E-06	9.000E-09	2.646E-08	2.528E-06	2.563E-06	3.338E-03	3.338E-03
County	Fresno	2005	Annual	T7 tractor construction	10 MPH	8.197E-06	3.892E-05	1.646E-05	1.559E-07	3.600E-08	6.174E-08	2.771E-06	2.869E-06	9.000E-09	2.646E-08	2.549E-06	2.585E-06	3.341E-03	3.341E-03
County	Fresno	2005	Annual	T7 utility	10 MPH	3.090E-06	3.493E-05	6.315E-06	1.560E-07	3.600E-08	6.174E-08	1.533E-06	1.630E-06	9.000E-09	2.646E-08	1.410E-06	1.446E-06	3.344E-03	3.344E-03
County	Fresno	2005	Annual	T7IS	10 MPH	1.482E-05	7.604E-06	2.908E-04	7.197E-09	8.000E-09	3.675E-08	2.371E-08	6.846E-08	2.000E-09	1.575E-08	1.937E-08	3.712E-08	2.036E-03	2.036E-03
County	Fresno	2005	Annual	UBUS	10 MPH	2.529E-06	2.241E-05	2.262E-05	1.658E-07	8.000E-09	5.987E-07	5.821E-07	1.189E-06	2.000E-09	2.566E-07	5.352E-07	7.938E-07	2.449E-03	2.449E-03

County	Fresno	2005	Annual	All Other Buses	15 MPH	2.732E-06	1.731E-05	5.618E-06	1.087E-07	1.200E-08	1.303E-07	1.310E-06	1.452E-06	3.000E-09	5.586E-08	1.205E-06	1.264E-06	1.798E-03	1.798E-03
County	Fresno	2005	Annual	LDA	15 MPH	3.919E-07	5.599E-07	6.885E-06	3.464E-09	8.000E-09	3.675E-08	1.896E-08	6.371E-08	2.000E-09	1.575E-08	1.734E-08	3.509E-08	6.441E-04	6.441E-04
County	Fresno	2005	Annual	LDT1	15 MPH	9.958E-07	1.195E-06	1.630E-05	4.004E-09	8.000E-09	3.675E-08	2.998E-08	7.473E-08	2.000E-09	1.575E-08	2.684E-08	4.459E-08	7.351E-04	7.351E-04
County	Fresno	2005	Annual	LDT2	15 MPH	4.848E-07	1.005E-06	8.740E-06	4.674E-09	8.000E-09	3.675E-08	1.657E-08	6.132E-08	2.000E-09	1.575E-08	1.505E-08	3.280E-08	8.885E-04	8.885E-04
County	Fresno	2005	Annual	LHD1	15 MPH	8.427E-07	3.642E-06	9.494E-06	2.557E-08	9.671E-09	5.333E-08	5.291E-08	1.159E-07	2.418E-09	2.286E-08	4.863E-08	7.390E-08	1.033E-03	1.033E-03
County	Fresno	2005	Annual	LHD2	15 MPH	8.848E-07	4.854E-06	1.167E-05	3.286E-08	1.043E-08	6.857E-08	7.498E-08	1.540E-07	2.607E-09	2.939E-08	6.850E-08	1.005E-07	8.719E-04	8.719E-04
County	Fresno	2005	Annual	MCY	15 MPH	3.963E-06	1.115E-06	3.365E-05	2.171E-09	7.990E-09	3.669E-08	6.218E-09	5.090E-08	1.998E-09	1.572E-08	4.790E-09	2.251E-08	1.760E-04	1.760E-04
County	Fresno	2005	Annual	MDV	15 MPH	3.974E-07	9.637E-07	7.422E-06	5.771E-09	8.000E-09	3.675E-08	1.179E-08	5.654E-08	2.000E-09	1.575E-08	1.078E-08	2.853E-08	1.105E-03	1.105E-03
County	Fresno	2005	Annual	MH	15 MPH	2.657E-06	3.847E-06	5.597E-05	2.257E-08	8.607E-09	5.096E-08	1.071E-07	1.667E-07	2.152E-09	2.184E-08	9.693E-08	1.209E-07	1.451E-03	1.451E-03
County	Fresno	2005	Annual	Motor Coach	15 MPH	3.546E-06	2.648E-05	9.954E-06	1.550E-07	1.200E-08	1.303E-07	1.521E-06	1.664E-06	3.000E-09	5.586E-08	1.400E-06	1.458E-06	2.728E-03	2.728E-03
County	Fresno	2005	Annual	OBUS	15 MPH	1.568E-06	2.480E-06	2.243E-05	7.032E-09	8.000E-09	3.675E-08	9.669E-09	5.442E-08	2.000E-09	1.575E-08	8.789E-09	2.654E-08	1.392E-03	1.392E-03
County	Fresno	2005	Annual	PTO	15 MPH	1.230E-06	1.962E-05	7.062E-06	1.933E-07	0.000E+00	0.000E+00	1.021E-06	1.021E-06	0.000E+00	0.000E+00	9.393E-07	9.393E-07	2.181E-03	2.181E-03
County	Fresno	2005	Annual	SBUS	15 MPH	3.708E-06	1.395E-05	3.682E-05	9.472E-08	1.121E-08	6.053E-07	8.483E-07	1.465E-06	2.803E-09	2.594E-07	7.793E-07	1.042E-06	1.718E-03	1.718E-03
County	Fresno	2005	Annual	T6 Ag	15 MPH	2.610E-06	1.706E-05	5.322E-06	1.089E-07	1.200E-08	1.303E-07	1.271E-06	1.414E-06	3.000E-09	5.586E-08	1.170E-06	1.229E-06	1.802E-03	1.802E-03
County	Fresno	2005	Annual	T6 CAIRP heavy	15 MPH	1.753E-06	1.544E-05	3.795E-06	1.071E-07	1.200E-08	1.303E-07	8.821E-07	1.024E-06	3.000E-09	5.586E-08	8.116E-07	8.704E-07	1.773E-03	1.773E-03
County	Fresno	2005	Annual	T6 CAIRP small	15 MPH	1.355E-06	1.473E-05	3.077E-06	1.065E-07	1.200E-08	1.303E-07	7.069E-07	8.493E-07	3.000E-09	5.586E-08	6.504E-07	7.092E-07	1.763E-03	1.763E-03
County	Fresno	2005	Annual	T6 instate construction heavy	15 MPH	2.667E-06	1.707E-05	5.464E-06	1.084E-07	1.200E-08	1.303E-07	1.287E-06	1.430E-06	3.000E-09	5.586E-08	1.184E-06	1.243E-06	1.795E-03	1.795E-03
County	Fresno	2005	Annual	T6 instate construction small	15 MPH	1.771E-06	1.560E-05	3.913E-06	1.068E-07	1.200E-08	1.303E-07	9.022E-07	1.045E-06	3.000E-09	5.586E-08	8.300E-07	8.889E-07	1.767E-03	1.767E-03
County	Fresno	2005	Annual	T6 instate heavy	15 MPH	2.667E-06	1.707E-05	5.464E-06	1.084E-07	1.200E-08	1.303E-07	1.287E-06	1.430E-06	3.000E-09	5.586E-08	1.184E-06	1.243E-06	1.795E-03	1.795E-03
County	Fresno	2005	Annual	T6 instate small	15 MPH	1.771E-06	1.560E-05	3.913E-06	1.068E-07	1.200E-08	1.303E-07	9.022E-07	1.045E-06	3.000E-09	5.586E-08	8.300E-07	8.889E-07	1.767E-03	1.767E-03
County	Fresno	2005	Annual	T6 OOS heavy	15 MPH	1.753E-06	1.544E-05	3.795E-06	1.071E-07	1.200E-08	1.303E-07	8.821E-07	1.024E-06	3.000E-09	5.586E-08	8.116E-07	8.704E-07	1.773E-03	1.773E-03
County	Fresno	2005	Annual	T6 OOS small	15 MPH	1.355E-06	1.473E-05	3.077E-06	1.065E-07	1.200E-08	1.303E-07	7.069E-07	8.493E-07	3.000E-09	5.586E-08	6.504E-07	7.092E-07	1.763E-03	1.763E-03
County	Fresno	2005	Annual	T6 Public	15 MPH	1.541E-06	1.632E-05	3.093E-06	1.093E-07	1.200E-08	1.303E-07	8.999E-07	1.042E-06	3.000E-09	5.586E-08	8.279E-07	8.868E-07	1.810E-03	1.810E-03
County	Fresno	2005	Annual	T6 utility	15 MPH	9.081E-07	1.457E-05	1.999E-06	1.068E-07	1.200E-08	1.303E-07	6.035E-07	7.458E-07	3.000E-09	5.586E-08	5.552E-07	6.141E-07	1.767E-03	1.767E-03
County	Fresno	2005	Annual	T6TS	15 MPH	4.521E-06	3.558E-06	6.811E-05	7.423E-09	8.000E-09	3.675E-08	2.797E-08	7.272E-08	2.000E-09	1.575E-08	2.429E-08	4.204E-08	1.392E-03	1.392E-03
County	Fresno	2005	Annual	T7 Ag	15 MPH	4.246E-06	2.756E-05	1.299E-05	1.581E-07	3.600E-08	6.174E-08	2.080E-06	2.178E-06	9.000E-09	2.646E-08	1.913E-06	1.949E-06	2.781E-03	2.781E-03
County	Fresno	2005	Annual	T7 CAIRP	15 MPH	4.148E-06	2.710E-05	1.121E-05	1.546E-07	3.600E-08	6.174E-08	1.550E-06	1.648E-06	9.000E-09	2.646E-08	1.426E-06	1.462E-06	2.719E-03	2.719E-03
County	Fresno	2005	Annual	T7 CAIRP construction	15 MPH	4.148E-06	2.710E-05	1.121E-05	1.546E-07	3.600E-08	6.174E-08	1.550E-06	1.648E-06	9.000E-09	2.646E-08	1.426E-06	1.462E-06	2.719E-03	2.719E-03
County	Fresno	2005	Annual	T7 NNOOS	15 MPH	2.555E-06	2.288E-05	6.699E-06	1.542E-07	3.600E-08	6.174E-08	9.403E-07	1.038E-06	9.000E-09	2.646E-08	8.651E-07	9.005E-07	2.713E-03	2.713E-03
County	Fresno	2005	Annual	T7 NOOS	15 MPH	4.148E-06	2.710E-05	1.121E-05	1.546E-07	3.600E-08	6.174E-08	1.550E-06	1.648E-06	9.000E-09	2.646E-08	1.426E-06	1.462E-06	2.719E-03	2.719E-03
County	Fresno	2005	Annual	T7 other port	15 MPH	5.136E-06	2.835E-05	1.473E-05	1.535E-07	3.600E-08	6.174E-08	2.085E-06	2.183E-06	9.000E-09	2.646E-08	1.918E-06	1.954E-06	2.700E-03	2.700E-03
County	Fresno	2005	Annual	T7 POAK	15 MPH	5.288E-06	2.855E-05	1.527E-05	1.538E-07	3.600E-08	6.174E-08	2.190E-06	2.287E-06	9.000E-09	2.646E-08	2.014E-06	2.050E-06	2.707E-03	2.707E-03
County	Fresno	2005	Annual	T7 POLA	15 MPH	5.725E-06	2.912E-05	1.728E-05	1.576E-07	3.600E-08	6.174E-08	2.623E-06	2.721E-06	9.000E-09	2.646E-08	2.413E-06	2.449E-06	2.772E-03	2.772E-03
County	Fresno	2005	Annual	T7 Public	15 MPH	2.664E-06	2.697E-05	8.645E-06	1.617E-07	3.600E-08	6.174E-08	1.684E-06	1.782E-06	9.000E-09	2.646E-08	1.550E-06	1.585E-06	2.845E-03	2.845E-03
County	Fresno	2005	Annual	T7 Single	15 MPH	2.742E-06	2.478E-05	8.195E-06	1.564E-07	3.600E-08	6.174E-08	1.392E-06	1.490E-06	9.000E-09	2.646E-08	1.280E-06	1.316E-06	2.751E-03	2.751E-03
County	Fresno	2005	Annual	T7 single construction	15 MPH	2.742E-06	2.478E-05	8.195E-06	1.564E-07	3.600E-08	6.174E-08	1.392E-06	1.490E-06	9.000E-09	2.646E-08	1.280E-06	1.316E-06	2.751E-03	2.751E-03
County	Fresno	2005	Annual	T7 SWCV	15 MPH	2.565E-06	2.566E-05	7.951E-06	1.582E-07	3.600E-08	6.174E-08	1.478E-06	1.576E-06	9.000E-09	2.646E-08	1.360E-06	1.395E-06	2.783E-03	2.783E-03
County	Fresno	2005	Annual	T7 tractor	15 MPH	4.321E-06	2.700E-05	1.251E-05	1.558E-07	3.600E-08	6.174E-08	1.827E-06	1.925E-06	9.000E-09	2.646E-08	1.681E-06	1.716E-06	2.741E-03	2.741E-03
County	Fresno	2005	Annual	T7 tractor construction	15 MPH	4.340E-06	2.693E-05	1.264E-05	1.559E-07	3.600E-08	6.174E-08	1.852E-06	1.950E-06	9.000E-09	2.646E-08	1.704E-06	1.739E-06	2.744E-03	2.744E-03
County	Fresno	2005	Annual	T7 utility	15 MPH	1.652E-06	2.429E-05	4.849E-06	1.560E-07	3.600E-08	6.174E-08	1.039E-06	1.137E-06	9.000E-09	2.646E-08	9.563E-07	9.918E-07	2.745E-03	2.745E-03
County	Fresno	2005	Annual	T7IS	15 MPH	9.903E-06	7.966E-06	1.990E-04	7.197E-09	8.000E-09	3.675E-08	1.586E-08	6.061E-08	2.000E-09	1.575E-08	1.296E-08	3.071E-08	1.392E-03	1.392E-03
County	Fresno	2005	Annual	UBUS	15 MPH	1.775E-06	1.781E-05	1.523E-05	1.658E-07	8.000E-09	5.987E-07	4.295E-07	1.036E-06	2.000E-09	2.566E-07	3.949E-07	6.535E-07	2.255E-03	2.255E-03

County	Fresno	2005	Annual	All Other Buses	20 MPH	1.118E-06	1.331E-05	4.318E-06	1.087E-07	1.200E-08	1.303E-07	8.438E-07	9.861E-07	3.000E-09	5.586E-08	7.763E-07	8.352E-07	1.419E-03	1.419E-03
County	Fresno	2005	Annual	LDA	20 MPH	2.861E-07	5.066E-07	5.903E-06	3.464E-09	8.000E-09	3.675E-08	1.369E-08	5.844E-08	2.000E-09	1.575E-08	1.251E-08	3.026E-08	5.104E-04	5.104E-04
County	Fresno	2005	Annual	LDT1	20 MPH	7.459E-07	1.086E-06	1.362E-05	4.004E-09	8.000E-09	3.675E-08	2.204E-08	6.679E-08	2.000E-09	1.575E-08	1.971E-08	3.746E-08	5.832E-04	5.832E-04
County	Fresno	2005	Annual	LDT2	20 MPH	3.565E-07	9.010E-07	7.467E-06	4.674E-09	8.000E-09	3.675E-08	1.200E-08	5.675E-08	2.000E-09	1.575E-08	1.089E-08	2.864E-08	7.040E-04	7.040E-04
County	Fresno	2005	Annual	LHD1	20 MPH	6.043E-07	3.294E-06	6.862E-06	2.557E-08	9.671E-09	5.333E-08	4.198E-08	1.050E-07	2.418E-09	2.286E-08	3.859E-08	6.386E-08	8.083E-04	8.083E-04
County	Fresno	2005	Annual	LHD2	20 MPH	6.445E-07	4.314E-06	8.458E-06	3.286E-08	1.043E-08	6.857E-08	6.001E-08	1.390E-07	2.607E-09	2.939E-08	5.488E-08	8.687E-08	7.200E-04	7.200E-04
County	Fresno	2005	Annual	MCY	20 MPH	3.377E-06	1.173E-06	2.991E-05	2.171E-09	7.990E-09	3.669E-08	5.251E-09	4.993E-08	1.998E-09	1.572E-08	4.044E-09	2.177E-08	1.541E-04	1.541E-04
County	Fresno	2005	Annual	MDV	20 MPH	2.893E-07	8.637E-07	6.335E-06	5.771E-09	8.000E-09	3.675E-08	8.504E-09	5.325E-08	2.000E-09	1.575E-08	7.763E-09	2.551E-08	8.751E-04	8.751E-04
County	Fresno	2005	Annual	MH	20 MPH	1.822E-06	3.442E-06	4.047E-05	2.257E-08	8.607E-09	5.096E-08	7.227E-08	1.318E-07	2.152E-09	2.184E-08	6.537E-08	8.936E-08	1.074E-03	1.074E-03
County	Fresno	2005	Annual	Motor Coach	20 MPH	1.406E-06	1.991E-05	7.129E-06	1.550E-07	1.200E-08	1.303E-07	8.976E-07	1.040E-06	3.000E-09	5.586E-08	8.258E-07	8.846E-07	2.152E-03	2.152E-03
County	Fresno	2005	Annual	OBUS	20 MPH	1.092E-06	2.596E-06	1.621E-05	7.032E-09	8.000E-09	3.675E-08	6.742E-09	5.149E-08	2.000E-09	1.575E-08	6.129E-09	2.388E-08	1.006E-03	1.006E-03
County	Fresno	2005	Annual	PTO	20 MPH	1.115E-06	1.897E-05	6.220E-06	1.933E-07	0.000E+00	0.000E+00	9.143E-07	9.143E-07	0.000E+00	0.000E+00	8.412E-07	8.412E-07	2.171E-03	2.171E-03
County	Fresno	2005	Annual	SBUS	20 MPH	2.118E-06	1.097E-05	2.677E-05	9.472E-08	1.121E-08	6.053E-07	5.586E-07	1.175E-06	2.803E-09	2.594E-07	5.131E-07	7.753E-07	1.337E-03	1.337E-03
County	Fresno	2005	Annual	T6 Ag	20 MPH	1.072E-06	1.317E-05	4.113E-06	1.089E-07	1.200E-08	1.303E-07	8.311E-07	9.735E-07	3.000E-09	5.586E-08	7.646E-07	8.235E-07	1.422E-03	1.422E-03
County	Fresno	2005	Annual	T6 CAIRP heavy	20 MPH	7.065E-07	1.168E-05	2.747E-06	1.071E-07	1.200E-08	1.303E-07	5.441E-07	6.864E-07	3.000E-09	5.586E-08	5.006E-07	5.594E-07	1.398E-03	1.398E-03
County	Fresno	2005	Annual	T6 CAIRP small	20 MPH	5.378E-07	1.104E-05	2.115E-06	1.065E-07	1.200E-08	1.303E-07	4.176E-07	5.599E-07	3.000E-09	5.586E-08	3.842E-07	4.430E-07	1.391E-03	1.391E-03
County	Fresno	2005	Annual	T6 instate construction heavy	20 MPH	1.093E-06	1.315E-05	4.202E-06	1.084E-07	1.200E-08	1.303E-07	8.343E-07	9.766E-07	3.000E-09	5.586E-08	7.675E-07	8.264E-07	1.416E-03	1.416E-03
County	Fresno	2005	Annual	T6 instate construction small	20 MPH	7.089E-07	1.176E-05	2.792E-06	1.068E-07	1.200E-08	1.303E-07	5.420E-07	6.844E-07	3.000E-09	5.586E-08	4.987E-07	5.575E-07	1.394E-03	1.394E-03
County	Fresno	2005	Annual	T6 instate heavy	20 MPH	1.093E-06	1.315E-05	4.202E-06	1.084E-07	1.200E-08	1.303E-07	8.343E-07	9.766E-07	3.000E-09	5.586E-08	7.675E-07	8.264E-07	1.416E-03	1.416E-03
County	Fresno	2005	Annual	T6 instate small	20 MPH	7.089E-07	1.176E-05	2.792E-06	1.068E-07	1.200E-08	1.303E-07	5.420E-07	6.844E-07	3.000E-09	5.586E-08	4.987E-07	5.575E-07	1.394E-03	1.394E-03
County	Fresno	2005	Annual	T6 OOS heavy	20 MPH	7.065E-07	1.168E-05	2.747E-06	1.071E-07	1.200E-08	1.303E-07	5.441E-07	6.864E-07	3.000E-09	5.586E-08	5.006E-07	5.594E-07	1.398E-03	1.398E-03
County	Fresno	2005	Annual	T6 OOS small	20 MPH	5.378E-07	1.104E-05	2.115E-06	1.065E-07	1.200E-08	1.303E-07	4.176E-07	5.599E-07	3.000E-09	5.586E-08	3.842E-07	4.430E-07	1.391E-03	1.391E-03
County	Fresno	2005	Annual	T6 Public	20 MPH	6.360E-07	1.265E-05	2.419E-06	1.093E-07	1.200E-08	1.303E-07	5.939E-07	7.363E-07	3.000E-09	5.586E-08	5.464E-07	6.053E-07	1.428E-03	1.428E-03
County	Fresno	2005	Annual	T6 utility	20 MPH	3.644E-07	1.098E-05	1.412E-06	1.068E-07	1.200E-08	1.303E-07	3.648E-07	5.071E-07	3.000E-09	5.586E-08	3.356E-07	3.945E-07	1.394E-03	1.394E-03
County	Fresno	2005	Annual	T6TS	20 MPH	3.150E-06	3.725E-06	4.924E-05	7.423E-09	8.000E-09	3.675E-08	1.951E-08	6.426E-08	2.000E-09	1.575E-08	1.694E-08	3.469E-08	1.006E-03	1.006E-03
County	Fresno	2005	Annual	T7 Ag	20 MPH	1.726E-06	2.121E-05	1.011E-05	1.581E-07	3.600E-08	6.174E-08	1.355E-06	1.453E-06	9.000E-09	2.646E-08	1.246E-06	1.282E-06	2.194E-03	2.194E-03
County	Fresno	2005	Annual	T7 CAIRP	20 MPH	1.631E-06	2.027E-05	7.766E-06	1.546E-07	3.600E-08	6.174E-08	8.817E-07	9.795E-07	9.000E-09	2.646E-08	8.112E-07	8.467E-07	2.145E-03	2.145E-03
County	Fresno	2005	Annual	T7 CAIRP construction	20 MPH	1.631E-06	2.027E-05	7.766E-06	1.546E-07	3.600E-08	6.174E-08	8.817E-07	9.795E-07	9.000E-09	2.646E-08	8.112E-07	8.467E-07	2.145E-03	2.145E-03
County	Fresno	2005	Annual	T7 NNOOS	20 MPH	1.021E-06	1.716E-05	4.421E-06	1.542E-07	3.600E-08	6.174E-08	5.871E-07	6.849E-07	9.000E-09	2.646E-08	5.402E-07	5.756E-07	2.140E-03	2.140E-03
County	Fresno	2005	Annual	T7 NOOS	20 MPH	1.631E-06	2.027E-05	7.766E-06	1.546E-07	3.600E-08	6.174E-08	8.817E-07	9.795E-07	9.000E-09	2.646E-08	8.112E-07	8.467E-07	2.145E-03	2.145E-03
County	Fresno	2005	Annual	T7 other port	20 MPH	2.015E-06	2.122E-05	1.041E-05	1.535E-07	3.600E-08	6.174E-08	1.165E-06	1.263E-06	9.000E-09	2.646E-08	1.072E-06	1.108E-06	2.130E-03	2.130E-03
County	Fresno	2005	Annual	T7 POAK	20 MPH	2.081E-06	2.142E-05	1.090E-05	1.538E-07	3.600E-08	6.174E-08	1.241E-06	1.339E-06	9.000E-09	2.646E-08	1.142E-06	1.178E-06	2.135E-03	2.135E-03
County	Fresno	2005	Annual	T7 POLA	20 MPH	2.305E-06	2.235E-05	1.318E-05	1.576E-07	3.600E-08	6.174E-08	1.649E-06	1.746E-06	9.000E-09	2.646E-08	1.517E-06	1.552E-06	2.187E-03	2.187E-03
County	Fresno	2005	Annual	T7 Public	20 MPH	1.108E-06	2.129E-05	7.113E-06	1.617E-07	3.600E-08	6.174E-08	1.179E-06	1.277E-06	9.000E-09	2.646E-08	1.085E-06	1.120E-06	2.245E-03	2.245E-03
County	Fresno	2005	Annual	T7 Single	20 MPH	1.115E-06	1.897E-05	6.220E-06	1.564E-07	3.600E-08	6.174E-08	9.143E-07	1.012E-06	9.000E-09	2.646E-08	8.412E-07	8.767E-07	2.171E-03	2.171E-03
County	Fresno	2005	Annual	T7 single construction	20 MPH	1.115E-06	1.897E-05	6.220E-06	1.564E-07	3.600E-08	6.174E-08	9.143E-07	1.012E-06	9.000E-09	2.646E-08	8.412E-07	8.767E-07	2.171E-03	2.171E-03
County	Fresno	2005	Annual	T7 SWCV	20 MPH	1.052E-06	1.983E-05	6.268E-06	1.582E-07	3.600E-08	6.174E-08	9.901E-07	1.088E-06	9.000E-09	2.646E-08	9.108E-07	9.463E-07	2.196E-03	2.196E-03
County	Fresno	2005	Annual	T7 tractor	20 MPH	1.728E-06	2.048E-05	9.217E-06	1.558E-07	3.600E-08	6.174E-08	1.127E-06	1.225E-06	9.000E-09	2.646E-08	1.037E-06	1.072E-06	2.162E-03	2.162E-03
County	Fresno	2005	Annual	T7 tractor construction	20 MPH	1.739E-06	2.045E-05	9.356E-06	1.559E-07	3.600E-08	6.174E-08	1.152E-06	1.250E-06	9.000E-09	2.646E-08	1.060E-06	1.095E-06	2.164E-03	2.164E-03
County	Fresno	2005	Annual	T7 utility	20 MPH	6.684E-07	1.850E-05	3.620E-06	1.560E-07	3.600E-08	6.174E-08	6.620E-07	7.597E-07	9.000E-09	2.646E-08	6.090E-07	6.445E-07	2.166E-03	2.166E-03
County	Fresno	2005	Annual	T7IS	20 MPH	6.924E-06	8.398E-06	1.444E-04	7.197E-09	8.000E-09	3.675E-08	1.106E-08	5.581E-08	2.000E-09	1.575E-08	9.038E-09	2.679E-08	1.006E-03	1.006E-03
County	Fresno	2005	Annual	UBUS	20 MPH	1.297E-06	1.489E-05	1.085E-05	1.658E-07	8.000E-09	5.987E-07	3.282E-07	9.349E-07	2.000E-09	2.566E-07	3.018E-07	5.604E-07	2.138E-03	2.138E-03

County	Fresno	2005	Annual	All Other Buses	25 MPH	9.291E-07	1.278E-05	3.654E-06	1.087E-07	1.200E-08	1.303E-07	7.173E-07	8.596E-07	3.000E-09	5.586E-08	6.599E-07	7.188E-07	1.324E-03	1.324E-03
County	Fresno	2005	Annual	LDA	25 MPH	2.215E-07	4.664E-07	5.263E-06	3.464E-09	8.000E-09	3.675E-08	1.039E-08	5.514E-08	2.000E-09	1.575E-08	9.485E-09	2.724E-08	4.237E-04	4.237E-04
County	Fresno	2005	Annual	LDT1	25 MPH	5.870E-07	1.007E-06	1.188E-05	4.004E-09	8.000E-09	3.675E-08	1.698E-08	6.173E-08	2.000E-09	1.575E-08	1.516E-08	3.291E-08	4.840E-04	4.840E-04
County	Fresno	2005	Annual	LDT2	25 MPH	2.772E-07	8.230E-07	6.629E-06	4.674E-09	8.000E-09	3.675E-08	9.128E-09	5.388E-08	2.000E-09	1.575E-08	8.272E-09	2.602E-08	5.841E-04	5.841E-04
County	Fresno	2005	Annual	LHD1	25 MPH	4.494E-07	3.091E-06	5.228E-06	2.557E-08	9.671E-09	5.333E-08	3.422E-08	9.722E-08	2.418E-09	2.286E-08	3.146E-08	5.674E-08	6.697E-04	6.697E-04
County	Fresno	2005	Annual	LHD2	25 MPH	4.895E-07	3.985E-06	6.506E-06	3.286E-08	1.043E-08	6.857E-08	4.926E-08	1.283E-07	2.607E-09	2.939E-08	4.507E-08	7.707E-08	6.265E-04	6.265E-04
County	Fresno	2005	Annual	MCY	25 MPH	2.985E-06	1.221E-06	2.795E-05	2.171E-09	7.990E-09	3.669E-08	4.642E-09	4.932E-08	1.998E-09	1.572E-08	3.574E-09	2.130E-08	1.371E-04	1.371E-04
County	Fresno	2005	Annual	MDV	25 MPH	2.236E-07	7.887E-07	5.628E-06	5.771E-09	8.000E-09	3.675E-08	6.445E-09	5.120E-08	2.000E-09	1.575E-08	5.878E-09	2.363E-08	7.261E-04	7.261E-04
County	Fresno	2005	Annual	MH	25 MPH	1.323E-06	3.409E-06	3.092E-05	2.257E-08	8.607E-09	5.096E-08	5.680E-08	1.164E-07	2.152E-09	2.184E-08	5.145E-08	7.544E-08	8.498E-04	8.498E-04
County	Fresno	2005	Annual	Motor Coach	25 MPH	1.120E-06	1.935E-05	5.970E-06	1.550E-07	1.200E-08	1.303E-07	7.339E-07	8.762E-07	3.000E-09	5.586E-08	6.752E-07	7.340E-07	2.008E-03	2.008E-03
County	Fresno	2005	Annual	OBUS	25 MPH	7.939E-07	2.711E-06	1.238E-05	7.032E-09	8.000E-09	3.675E-08	4.901E-09	4.965E-08	2.000E-09	1.575E-08	4.455E-09	2.220E-08	7.680E-04	7.680E-04
County	Fresno	2005	Annual	PTO	25 MPH	1.230E-06	1.962E-05	7.062E-06	1.933E-07	0.000E+00	0.000E+00	1.021E-06	1.021E-06	0.000E+00	0.000E+00	9.393E-07	9.393E-07	2.181E-03	2.181E-03
County	Fresno	2005	Annual	SBUS	25 MPH	1.614E-06	1.055E-05	2.067E-05	9.472E-08	1.121E-08	6.053E-07	4.780E-07	1.095E-06	2.803E-09	2.594E-07	4.392E-07	7.014E-07	1.214E-03	1.214E-03
County	Fresno	2005	Annual	T6 Ag	25 MPH	8.941E-07	1.259E-05	3.488E-06	1.089E-07	1.200E-08	1.303E-07	7.109E-07	8.532E-07	3.000E-09	5.586E-08	6.540E-07	7.128E-07	1.326E-03	1.326E-03
County	Fresno	2005	Annual	T6 CAIRP heavy	25 MPH	5.750E-07	1.123E-05	2.316E-06	1.071E-07	1.200E-08	1.303E-07	4.541E-07	5.965E-07	3.000E-09	5.586E-08	4.178E-07	4.767E-07	1.305E-03	1.305E-03
County	Fresno	2005	Annual	T6 CAIRP small	25 MPH	4.285E-07	1.063E-05	1.775E-06	1.065E-07	1.200E-08	1.303E-07	3.418E-07	4.841E-07	3.000E-09	5.586E-08	3.145E-07	3.733E-07	1.297E-03	1.297E-03
County	Fresno	2005	Annual	T6 instate construction heavy	25 MPH	9.096E-07	1.258E-05	3.560E-06	1.084E-07	1.200E-08	1.303E-07	7.110E-07	8.533E-07	3.000E-09	5.586E-08	6.541E-07	7.130E-07	1.321E-03	1.321E-03
County	Fresno	2005	Annual	T6 instate construction small	25 MPH	5.715E-07	1.135E-05	2.346E-06	1.068E-07	1.200E-08	1.303E-07	4.470E-07	5.894E-07	3.000E-09	5.586E-08	4.113E-07	4.701E-07	1.301E-03	1.301E-03
County	Fresno	2005	Annual	T6 instate heavy	25 MPH	9.096E-07	1.258E-05	3.560E-06	1.084E-07	1.200E-08	1.303E-07	7.110E-07	8.533E-07	3.000E-09	5.586E-08	6.541E-07	7.130E-07	1.321E-03	1.321E-03
County	Fresno	2005	Annual	T6 instate small	25 MPH	5.715E-07	1.135E-05	2.346E-06	1.068E-07	1.200E-08	1.303E-07	4.470E-07	5.894E-07	3.000E-09	5.586E-08	4.113E-07	4.701E-07	1.301E-03	1.301E-03
County	Fresno	2005	Annual	T6 OOS heavy	25 MPH	5.750E-07	1.123E-05	2.316E-06	1.071E-07	1.200E-08	1.303E-07	4.541E-07	5.965E-07	3.000E-09	5.586E-08	4.178E-07	4.767E-07	1.305E-03	1.305E-03
County	Fresno	2005	Annual	T6 OOS small	25 MPH	4.285E-07	1.063E-05	1.775E-06	1.065E-07	1.200E-08	1.303E-07	3.418E-07	4.841E-07	3.000E-09	5.586E-08	3.145E-07	3.733E-07	1.297E-03	1.297E-03
County	Fresno	2005	Annual	T6 Public	25 MPH	5.342E-07	1.207E-05	2.057E-06	1.093E-07	1.200E-08	1.303E-07	5.100E-07	6.523E-07	3.000E-09	5.586E-08	4.692E-07	5.280E-07	1.332E-03	1.332E-03
County	Fresno	2005	Annual	T6 utility	25 MPH	2.947E-07	1.059E-05	1.190E-06	1.068E-07	1.200E-08	1.303E-07	3.018E-07	4.441E-07	3.000E-09	5.586E-08	2.776E-07	3.365E-07	1.301E-03	1.301E-03
County	Fresno	2005	Annual	T6TS	25 MPH	2.290E-06	3.890E-06	3.760E-05	7.423E-09	8.000E-09	3.675E-08	1.418E-08	5.893E-08	2.000E-09	1.575E-08	1.231E-08	3.006E-08	7.680E-04	7.680E-04
County	Fresno	2005	Annual	T7 Ag	25 MPH	1.421E-06	2.040E-05	8.564E-06	1.581E-07	3.600E-08	6.174E-08	1.157E-06	1.255E-06	9.000E-09	2.646E-08	1.064E-06	1.100E-06	2.047E-03	2.047E-03
County	Fresno	2005	Annual	T7 CAIRP	25 MPH	1.283E-06	1.972E-05	6.472E-06	1.546E-07	3.600E-08	6.174E-08	7.082E-07	8.059E-07	9.000E-09	2.646E-08	6.516E-07	6.870E-07	2.002E-03	2.002E-03
County	Fresno	2005	Annual	T7 CAIRP construction	25 MPH	1.283E-06	1.972E-05	6.472E-06	1.546E-07	3.600E-08	6.174E-08	7.082E-07	8.059E-07	9.000E-09	2.646E-08	6.516E-07	6.870E-07	2.002E-03	2.002E-03
County	Fresno	2005	Annual	T7 NNOOS	25 MPH	8.192E-07	1.620E-05	3.751E-06	1.542E-07	3.600E-08	6.174E-08	4.933E-07	5.910E-07	9.000E-09	2.646E-08	4.538E-07	4.893E-07	1.997E-03	1.997E-03
County	Fresno	2005	Annual	T7 NOOS	25 MPH	1.283E-06	1.972E-05	6.472E-06	1.546E-07	3.600E-08	6.174E-08	7.082E-07	8.059E-07	9.000E-09	2.646E-08	6.516E-07	6.870E-07	2.002E-03	2.002E-03
County	Fresno	2005	Annual	T7 other port	25 MPH	1.581E-06	2.088E-05	8.644E-06	1.535E-07	3.600E-08	6.174E-08	9.273E-07	1.025E-06	9.000E-09	2.646E-08	8.531E-07	8.886E-07	1.987E-03	1.987E-03
County	Fresno	2005	Annual	T7 POAK	25 MPH	1.639E-06	2.105E-05	9.066E-06	1.538E-07	3.600E-08	6.174E-08	9.951E-07	1.093E-06	9.000E-09	2.646E-08	9.155E-07	9.509E-07	1.992E-03	1.992E-03
County	Fresno	2005	Annual	T7 POLA	25 MPH	1.874E-06	2.160E-05	1.111E-05	1.576E-07	3.600E-08	6.174E-08	1.386E-06	1.484E-06	9.000E-09	2.646E-08	1.276E-06	1.311E-06	2.041E-03	2.041E-03
County	Fresno	2005	Annual	T7 Public	25 MPH	9.397E-07	2.014E-05	6.081E-06	1.617E-07	3.600E-08	6.174E-08	1.036E-06	1.133E-06	9.000E-09	2.646E-08	9.528E-07	9.883E-07	2.094E-03	2.094E-03
County	Fresno	2005	Annual	T7 Single	25 MPH	9.189E-07	1.808E-05	5.285E-06	1.564E-07	3.600E-08	6.174E-08	7.838E-07	8.816E-07	9.000E-09	2.646E-08	7.211E-07	7.566E-07	2.025E-03	2.025E-03
County	Fresno	2005	Annual	T7 single construction	25 MPH	9.189E-07	1.808E-05	5.285E-06	1.564E-07	3.600E-08	6.174E-08	7.838E-07	8.816E-07	9.000E-09	2.646E-08	7.211E-07	7.566E-07	2.025E-03	2.025E-03
County	Fresno	2005	Annual	T7 SWCV	25 MPH	8.765E-07	1.893E-05	5.336E-06	1.582E-07	3.600E-08	6.174E-08	8.551E-07	9.529E-07	9.000E-09	2.646E-08	7.867E-07	8.222E-07	2.049E-03	2.049E-03
County	Fresno	2005	Annual	T7 tractor	25 MPH	1.393E-06	1.976E-05	7.755E-06	1.558E-07	3.600E-08	6.174E-08	9.403E-07	1.038E-06	9.000E-09	2.646E-08	8.651E-07	9.005E-07	2.018E-03	2.018E-03
County	Fresno	2005	Annual	T7 tractor construction	25 MPH	1.405E-06	1.971E-05	7.881E-06	1.559E-07	3.600E-08	6.174E-08	9.647E-07	1.062E-06	9.000E-09	2.646E-08	8.876E-07	9.230E-07	2.019E-03	2.019E-03
County	Fresno	2005	Annual	T7 utility	25 MPH	5.467E-07	1.778E-05	3.069E-06	1.560E-07	3.600E-08	6.174E-08	5.602E-07	6.579E-07	9.000E-09	2.646E-08	5.154E-07	5.508E-07	2.021E-03	2.021E-03
County	Fresno	2005	Annual	T7IS	25 MPH	5.022E-06	8.734E-06	1.099E-04	7.197E-09	8.000E-09	3.675E-08	8.039E-09	5.279E-08	2.000E-09	1.575E-08	6.570E-09	2.432E-08	7.680E-04	7.680E-04
County	Fresno	2005	Annual	UBUS	25 MPH	9.870E-07	1.308E-05	8.183E-06	1.658E-07	8.000E-09	5.987E-07	2.598E-07	8.665E-07	2.000E-09	2.566E-07	2.389E-07	4.975E-07	2.066E-03	2.066E-03

County	Fresno	2005	Annual	All Other Buses	30 MPH	7.739E-07	1.237E-05	3.078E-06	1.087E-07	1.200E-08	1.303E-07	6.150E-07	7.574E-07	3.000E-09	5.586E-08	5.658E-07	6.247E-07	1.243E-03	1.243E-03
County	Fresno	2005	Annual	LDA	30 MPH	1.795E-07	4.377E-07	4.761E-06	3.464E-09	8.000E-09	3.675E-08	8.273E-09	5.302E-08	2.000E-09	1.575E-08	7.549E-09	2.530E-08	3.648E-04	3.648E-04
County	Fresno	2005	Annual	LDT1	30 MPH	4.828E-07	9.538E-07	1.062E-05	4.004E-09	8.000E-09	3.675E-08	1.370E-08	5.845E-08	2.000E-09	1.575E-08	1.221E-08	2.996E-08	4.166E-04	4.166E-04
County	Fresno	2005	Annual	LDT2	30 MPH	2.255E-07	7.673E-07	5.983E-06	4.674E-09	8.000E-09	3.675E-08	7.286E-09	5.204E-08	2.000E-09	1.575E-08	6.596E-09	2.435E-08	5.028E-04	5.028E-04
County	Fresno	2005	Annual	LHD1	30 MPH	3.505E-07	2.971E-06	4.215E-06	2.557E-08	9.671E-09	5.333E-08	2.864E-08	9.164E-08	2.418E-09	2.286E-08	2.633E-08	5.160E-08	5.832E-04	5.832E-04
County	Fresno	2005	Annual	LHD2	30 MPH	3.853E-07	3.784E-06	5.235E-06	3.286E-08	1.043E-08	6.857E-08	4.144E-08	1.204E-07	2.607E-09	2.939E-08	3.794E-08	6.993E-08	5.681E-04	5.681E-04
County	Fresno	2005	Annual	MCY	30 MPH	2.760E-06	1.271E-06	2.745E-05	2.171E-09	7.990E-09	3.669E-08	4.294E-09	4.898E-08	1.998E-09	1.572E-08	3.306E-09	2.103E-08	1.240E-04	1.240E-04
County	Fresno	2005	Annual	MDV	30 MPH	1.808E-07	7.349E-07	5.085E-06	5.771E-09	8.000E-09	3.675E-08	5.131E-09	4.988E-08	2.000E-09	1.575E-08	4.675E-09	2.242E-08	6.250E-04	6.250E-04
County	Fresno	2005	Annual	MH	30 MPH	1.007E-06	3.437E-06	2.493E-05	2.257E-08	8.607E-09	5.096E-08	4.765E-08	1.072E-07	2.152E-09	2.184E-08	4.323E-08	6.722E-08	7.116E-04	7.116E-04
County	Fresno	2005	Annual	Motor Coach	30 MPH	8.890E-07	1.893E-05	4.973E-06	1.550E-07	1.200E-08	1.303E-07	6.051E-07	7.474E-07	3.000E-09	5.586E-08	5.567E-07	6.155E-07	1.885E-03	1.885E-03
County	Fresno	2005	Annual	OBUS	30 MPH	6.012E-07	2.837E-06	9.972E-06	7.032E-09	8.000E-09	3.675E-08	3.713E-09	4.846E-08	2.000E-09	1.575E-08	3.375E-09	2.113E-08	6.194E-04	6.194E-04
County	Fresno	2005	Annual	PTO	30 MPH	1.230E-06	1.962E-05	7.062E-06	1.933E-07	0.000E+00	0.000E+00	1.021E-06	1.021E-06	0.000E+00	0.000E+00	9.393E-07	9.393E-07	2.181E-03	2.181E-03
County	Fresno	2005	Annual	SBUS	30 MPH	1.269E-06	1.022E-05	1.676E-05	9.472E-08	1.121E-08	6.053E-07	4.133E-07	1.030E-06	2.803E-09	2.594E-07	3.798E-07	6.420E-07	1.119E-03	1.119E-03
County	Fresno	2005	Annual	T6 Ag	30 MPH	7.479E-07	1.213E-05	2.944E-06	1.089E-07	1.200E-08	1.303E-07	6.135E-07	7.559E-07	3.000E-09	5.586E-08	5.645E-07	6.233E-07	1.245E-03	1.245E-03
County	Fresno	2005	Annual	T6 CAIRP heavy	30 MPH	4.681E-07	1.086E-05	1.945E-06	1.071E-07	1.200E-08	1.303E-07	3.837E-07	5.261E-07	3.000E-09	5.586E-08	3.530E-07	4.119E-07	1.225E-03	1.225E-03
County	Fresno	2005	Annual	T6 CAIRP small	30 MPH	3.405E-07	1.031E-05	1.485E-06	1.065E-07	1.200E-08	1.303E-07	2.838E-07	4.262E-07	3.000E-09	5.586E-08	2.611E-07	3.200E-07	1.218E-03	1.218E-03
County	Fresno	2005	Annual	T6 instate construction heavy	30 MPH	7.589E-07	1.213E-05	3.002E-06	1.084E-07	1.200E-08	1.303E-07	6.115E-07	7.539E-07	3.000E-09	5.586E-08	5.626E-07	6.215E-07	1.240E-03	1.240E-03
County	Fresno	2005	Annual	T6 instate construction small	30 MPH	4.603E-07	1.103E-05	1.962E-06	1.068E-07	1.200E-08	1.303E-07	3.728E-07	5.152E-07	3.000E-09	5.586E-08	3.430E-07	4.018E-07	1.221E-03	1.221E-03
County	Fresno	2005	Annual	T6 instate heavy	30 MPH	7.589E-07	1.213E-05	3.002E-06	1.084E-07	1.200E-08	1.303E-07	6.115E-07	7.539E-07	3.000E-09	5.586E-08	5.626E-07	6.215E-07	1.240E-03	1.240E-03
County	Fresno	2005	Annual	T6 instate small	30 MPH	4.603E-07	1.103E-05	1.962E-06	1.068E-07	1.200E-08	1.303E-07	3.728E-07	5.152E-07	3.000E-09	5.586E-08	3.430E-07	4.018E-07	1.221E-03	1.221E-03
County	Fresno	2005	Annual	T6 OOS heavy	30 MPH	4.681E-07	1.086E-05	1.945E-06	1.071E-07	1.200E-08	1.303E-07	3.837E-07	5.261E-07	3.000E-09	5.586E-08	3.530E-07	4.119E-07	1.225E-03	1.225E-03
County	Fresno	2005	Annual	T6 OOS small	30 MPH	3.405E-07	1.031E-05	1.485E-06	1.065E-07	1.200E-08	1.303E-07	2.838E-07	4.262E-07	3.000E-09	5.586E-08	2.611E-07	3.200E-07	1.218E-03	1.218E-03
County	Fresno	2005	Annual	T6 Public	30 MPH	4.499E-07	1.161E-05	1.741E-06	1.093E-07	1.200E-08	1.303E-07	4.420E-07	5.843E-07	3.000E-09	5.586E-08	4.066E-07	4.655E-07	1.250E-03	1.250E-03
County	Fresno	2005	Annual	T6 utility	30 MPH	2.382E-07	1.029E-05	1.000E-06	1.068E-07	1.200E-08	1.303E-07	2.529E-07	3.953E-07	3.000E-09	5.586E-08	2.327E-07	2.916E-07	1.221E-03	1.221E-03
County	Fresno	2005	Annual	T6TS	30 MPH	1.736E-06	4.071E-06	3.030E-05	7.423E-09	8.000E-09	3.675E-08	1.074E-08	5.549E-08	2.000E-09	1.575E-08	9.327E-09	2.708E-08	6.194E-04	6.194E-04
County	Fresno	2005	Annual	T7 Ag	30 MPH	1.173E-06	1.975E-05	7.219E-06	1.581E-07	3.600E-08	6.174E-08	9.961E-07	1.094E-06	9.000E-09	2.646E-08	9.164E-07	9.518E-07	1.922E-03	1.922E-03
County	Fresno	2005	Annual	T7 CAIRP	30 MPH	1.005E-06	1.930E-05	5.364E-06	1.546E-07	3.600E-08	6.174E-08	5.733E-07	6.710E-07	9.000E-09	2.646E-08	5.274E-07	5.629E-07	1.879E-03	1.879E-03
County	Fresno	2005	Annual	T7 CAIRP construction	30 MPH	1.005E-06	1.930E-05	5.364E-06	1.546E-07	3.600E-08	6.174E-08	5.733E-07	6.710E-07	9.000E-09	2.646E-08	5.274E-07	5.629E-07	1.879E-03	1.879E-03
County	Fresno	2005	Annual	T7 NNOOS	30 MPH	6.556E-07	1.541E-05	3.184E-06	1.542E-07	3.600E-08	6.174E-08	4.251E-07	5.228E-07	9.000E-09	2.646E-08	3.911E-07	4.265E-07	1.874E-03	1.874E-03
County	Fresno	2005	Annual	T7 NOOS	30 MPH	1.005E-06	1.930E-05	5.364E-06	1.546E-07	3.600E-08	6.174E-08	5.733E-07	6.710E-07	9.000E-09	2.646E-08	5.274E-07	5.629E-07	1.879E-03	1.879E-03
County	Fresno	2005	Annual	T7 other port	30 MPH	1.234E-06	2.064E-05	7.128E-06	1.535E-07	3.600E-08	6.174E-08	7.390E-07	8.367E-07	9.000E-09	2.646E-08	6.798E-07	7.153E-07	1.866E-03	1.866E-03
County	Fresno	2005	Annual	T7 POAK	30 MPH	1.286E-06	2.079E-05	7.491E-06	1.538E-07	3.600E-08	6.174E-08	7.996E-07	8.973E-07	9.000E-09	2.646E-08	7.356E-07	7.711E-07	1.870E-03	1.870E-03
County	Fresno	2005	Annual	T7 POLA	30 MPH	1.525E-06	2.101E-05	9.309E-06	1.576E-07	3.600E-08	6.174E-08	1.174E-06	1.272E-06	9.000E-09	2.646E-08	1.080E-06	1.116E-06	1.916E-03	1.916E-03
County	Fresno	2005	Annual	T7 Public	30 MPH	7.997E-07	1.920E-05	5.176E-06	1.617E-07	3.600E-08	6.174E-08	9.162E-07	1.014E-06	9.000E-09	2.646E-08	8.429E-07	8.784E-07	1.966E-03	1.966E-03
County	Fresno	2005	Annual	T7 Single	30 MPH	7.580E-07	1.736E-05	4.476E-06	1.564E-07	3.600E-08	6.174E-08	6.800E-07	7.778E-07	9.000E-09	2.646E-08	6.256E-07	6.611E-07	1.901E-03	1.901E-03
County	Fresno	2005	Annual	T7 single construction	30 MPH	7.580E-07	1.736E-05	4.476E-06	1.564E-07	3.600E-08	6.174E-08	6.800E-07	7.778E-07	9.000E-09	2.646E-08	6.256E-07	6.611E-07	1.901E-03	1.901E-03
County	Fresno	2005	Annual	T7 SWCV	30 MPH	7.320E-07	1.821E-05	4.525E-06	1.582E-07	3.600E-08	6.174E-08	7.455E-07	8.433E-07	9.000E-09	2.646E-08	6.859E-07	7.213E-07	1.923E-03	1.923E-03
County	Fresno	2005	Annual	T7 tractor	30 MPH	1.121E-06	1.920E-05	6.493E-06	1.558E-07	3.600E-08	6.174E-08	7.921E-07	8.898E-07	9.000E-09	2.646E-08	7.287E-07	7.642E-07	1.894E-03	1.894E-03
County	Fresno	2005	Annual	T7 tractor construction	30 MPH	1.135E-06	1.912E-05	6.606E-06	1.559E-07	3.600E-08	6.174E-08	8.159E-07	9.136E-07	9.000E-09	2.646E-08	7.506E-07	7.861E-07	1.896E-03	1.896E-03
County	Fresno	2005	Annual	T7 utility	30 MPH	4.474E-07	1.720E-05	2.592E-06	1.560E-07	3.600E-08	6.174E-08	4.796E-07	5.773E-07	9.000E-09	2.646E-08	4.412E-07	4.767E-07	1.897E-03	1.897E-03
County	Fresno	2005	Annual	T7IS	30 MPH	3.804E-06	9.088E-06	8.861E-05	7.197E-09	8.000E-09	3.675E-08	6.091E-09	5.084E-08	2.000E-09	1.575E-08	4.978E-09	2.273E-08	6.194E-04	6.194E-04
County	Fresno	2005	Annual	UBUS	30 MPH	7.813E-07	1.206E-05	6.533E-06	1.658E-07	8.000E-09	5.987E-07	2.129E-07	8.196E-07	2.000E-09	2.566E-07	1.958E-07	4.544E-07	2.021E-03	2.021E-03

County	Fresno	2005	Annual	All Other Buses	35 MPH	6.523E-07	1.206E-05	2.589E-06	1.087E-07	1.200E-08	1.303E-07	5.370E-07	6.793E-07	3.000E-09	5.586E-08	4.940E-07	5.529E-07	1.175E-03	1.175E-03
County	Fresno	2005	Annual	LDA	35 MPH	1.524E-07	4.180E-07	4.380E-06	3.464E-09	8.000E-09	3.675E-08	6.911E-09	5.166E-08	2.000E-09	1.575E-08	6.301E-09	2.405E-08	3.262E-04	3.262E-04
County	Fresno	2005	Annual	LDT1	35 MPH	4.150E-07	9.210E-07	9.741E-06	4.004E-09	8.000E-09	3.675E-08	1.156E-08	5.631E-08	2.000E-09	1.575E-08	1.029E-08	2.804E-08	3.725E-04	3.725E-04
County	Fresno	2005	Annual	LDT2	35 MPH	1.920E-07	7.292E-07	5.498E-06	4.674E-09	8.000E-09	3.675E-08	6.101E-09	5.085E-08	2.000E-09	1.575E-08	5.517E-09	2.327E-08	4.495E-04	4.495E-04
County	Fresno	2005	Annual	LHD1	35 MPH	2.809E-07	2.963E-06	3.576E-06	2.557E-08	9.671E-09	5.333E-08	2.458E-08	8.758E-08	2.418E-09	2.286E-08	2.260E-08	4.787E-08	5.298E-04	5.298E-04
County	Fresno	2005	Annual	LHD2	35 MPH	3.159E-07	3.735E-06	4.511E-06	3.286E-08	1.043E-08	6.857E-08	3.570E-08	1.147E-07	2.607E-09	2.939E-08	3.270E-08	6.469E-08	5.321E-04	5.321E-04
County	Fresno	2005	Annual	MCY	35 MPH	2.668E-06	1.320E-06	2.833E-05	2.171E-09	7.990E-09	3.669E-08	4.158E-09	4.884E-08	1.998E-09	1.572E-08	3.201E-09	2.092E-08	1.140E-04	1.140E-04
County	Fresno	2005	Annual	MDV	35 MPH	1.533E-07	6.979E-07	4.680E-06	5.771E-09	8.000E-09	3.675E-08	4.287E-09	4.904E-08	2.000E-09	1.575E-08	3.903E-09	2.165E-08	5.587E-04	5.587E-04
County	Fresno	2005	Annual	MH	35 MPH	7.981E-07	3.479E-06	2.130E-05	2.257E-08	8.607E-09	5.096E-08	4.134E-08	1.009E-07	2.152E-09	2.184E-08	3.755E-08	6.154E-08	6.238E-04	6.238E-04
County	Fresno	2005	Annual	Motor Coach	35 MPH	7.143E-07	1.864E-05	4.137E-06	1.550E-07	1.200E-08	1.303E-07	5.112E-07	6.535E-07	3.000E-09	5.586E-08	4.703E-07	5.291E-07	1.782E-03	1.782E-03
County	Fresno	2005	Annual	OBUS	35 MPH	4.731E-07	2.962E-06	8.496E-06	7.032E-09	8.000E-09	3.675E-08	2.933E-09	4.768E-08	2.000E-09	1.575E-08	2.666E-09	2.042E-08	5.278E-04	5.278E-04
County	Fresno	2005	Annual	PTO	35 MPH	1.230E-06	1.962E-05	7.062E-06	1.933E-07	0.000E+00	0.000E+00	1.021E-06	1.021E-06	0.000E+00	0.000E+00	9.393E-07	9.393E-07	2.181E-03	2.181E-03
County	Fresno	2005	Annual	SBUS	35 MPH	1.031E-06	9.994E-06	1.430E-05	9.472E-08	1.121E-08	6.053E-07	3.640E-07	9.805E-07	2.803E-09	2.594E-07	3.345E-07	5.968E-07	1.047E-03	1.047E-03
County	Fresno	2005	Annual	T6 Ag	35 MPH	6.329E-07	1.178E-05	2.482E-06	1.089E-07	1.200E-08	1.303E-07	5.392E-07	6.815E-07	3.000E-09	5.586E-08	4.961E-07	5.549E-07	1.178E-03	1.178E-03
County	Fresno	2005	Annual	T6 CAIRP heavy	35 MPH	3.857E-07	1.059E-05	1.634E-06	1.071E-07	1.200E-08	1.303E-07	3.329E-07	4.752E-07	3.000E-09	5.586E-08	3.063E-07	3.651E-07	1.158E-03	1.158E-03
County	Fresno	2005	Annual	T6 CAIRP small	35 MPH	2.735E-07	1.008E-05	1.244E-06	1.065E-07	1.200E-08	1.303E-07	2.437E-07	3.860E-07	3.000E-09	5.586E-08	2.242E-07	2.830E-07	1.152E-03	1.152E-03
County	Fresno	2005	Annual	T6 instate construction heavy	35 MPH	6.407E-07	1.178E-05	2.529E-06	1.084E-07	1.200E-08	1.303E-07	5.359E-07	6.782E-07	3.000E-09	5.586E-08	4.930E-07	5.519E-07	1.173E-03	1.173E-03
County	Fresno	2005	Annual	T6 instate construction small	35 MPH	3.753E-07	1.079E-05	1.641E-06	1.068E-07	1.200E-08	1.303E-07	3.194E-07	4.618E-07	3.000E-09	5.586E-08	2.939E-07	3.527E-07	1.155E-03	1.155E-03
County	Fresno	2005	Annual	T6 instate heavy	35 MPH	6.407E-07	1.178E-05	2.529E-06	1.084E-07	1.200E-08	1.303E-07	5.359E-07	6.782E-07	3.000E-09	5.586E-08	4.930E-07	5.519E-07	1.173E-03	1.173E-03
County	Fresno	2005	Annual	T6 instate small	35 MPH	3.753E-07	1.079E-05	1.641E-06	1.068E-07	1.200E-08	1.303E-07	3.194E-07	4.618E-07	3.000E-09	5.586E-08	2.939E-07	3.527E-07	1.155E-03	1.155E-03
County	Fresno	2005	Annual	T6 OOS heavy	35 MPH	3.857E-07	1.059E-05	1.634E-06	1.071E-07	1.200E-08	1.303E-07	3.329E-07	4.752E-07	3.000E-09	5.586E-08	3.063E-07	3.651E-07	1.158E-03	1.158E-03
County	Fresno	2005	Annual	T6 OOS small	35 MPH	2.735E-07	1.008E-05	1.244E-06	1.065E-07	1.200E-08	1.303E-07	2.437E-07	3.860E-07	3.000E-09	5.586E-08	2.242E-07	2.830E-07	1.152E-03	1.152E-03
County	Fresno	2005	Annual	T6 Public	35 MPH	3.832E-07	1.126E-05	1.473E-06	1.093E-07	1.200E-08	1.303E-07	3.899E-07	5.322E-07	3.000E-09	5.586E-08	3.587E-07	4.175E-07	1.182E-03	1.182E-03
County	Fresno	2005	Annual	T6 utility	35 MPH	1.948E-07	1.006E-05	8.420E-07	1.068E-07	1.200E-08	1.303E-07	2.184E-07	3.607E-07	3.000E-09	5.586E-08	2.009E-07	2.597E-07	1.155E-03	1.155E-03
County	Fresno	2005	Annual	T6TS	35 MPH	1.370E-06	4.251E-06	2.587E-05	7.423E-09	8.000E-09	3.675E-08	8.484E-09	5.323E-08	2.000E-09	1.575E-08	7.367E-09	2.512E-08	5.278E-04	5.278E-04
County	Fresno	2005	Annual	T7 Ag	35 MPH	9.795E-07	1.928E-05	6.075E-06	1.581E-07	3.600E-08	6.174E-08	8.719E-07	9.697E-07	9.000E-09	2.646E-08	8.022E-07	8.376E-07	1.817E-03	1.817E-03
County	Fresno	2005	Annual	T7 CAIRP	35 MPH	7.951E-07	1.902E-05	4.442E-06	1.546E-07	3.600E-08	6.174E-08	4.770E-07	5.747E-07	9.000E-09	2.646E-08	4.388E-07	4.743E-07	1.777E-03	1.777E-03
County	Fresno	2005	Annual	T7 CAIRP construction	35 MPH	7.951E-07	1.902E-05	4.442E-06	1.546E-07	3.600E-08	6.174E-08	4.770E-07	5.747E-07	9.000E-09	2.646E-08	4.388E-07	4.743E-07	1.777E-03	1.777E-03
County	Fresno	2005	Annual	T7 NNOOS	35 MPH	5.300E-07	1.479E-05	2.719E-06	1.542E-07	3.600E-08	6.174E-08	3.826E-07	4.803E-07	9.000E-09	2.646E-08	3.520E-07	3.875E-07	1.773E-03	1.773E-03
County	Fresno	2005	Annual	T7 NOOS	35 MPH	7.951E-07	1.902E-05	4.442E-06	1.546E-07	3.600E-08	6.174E-08	4.770E-07	5.747E-07	9.000E-09	2.646E-08	4.388E-07	4.743E-07	1.777E-03	1.777E-03
County	Fresno	2005	Annual	T7 other port	35 MPH	9.741E-07	2.052E-05	5.860E-06	1.535E-07	3.600E-08	6.174E-08	6.003E-07	6.980E-07	9.000E-09	2.646E-08	5.523E-07	5.877E-07	1.764E-03	1.764E-03
County	Fresno	2005	Annual	T7 POAK	35 MPH	1.021E-06	2.064E-05	6.170E-06	1.538E-07	3.600E-08	6.174E-08	6.549E-07	7.526E-07	9.000E-09	2.646E-08	6.025E-07	6.380E-07	1.769E-03	1.769E-03
County	Fresno	2005	Annual	T7 POLA	35 MPH	1.257E-06	2.059E-05	7.786E-06	1.576E-07	3.600E-08	6.174E-08	1.012E-06	1.110E-06	9.000E-09	2.646E-08	9.310E-07	9.665E-07	1.812E-03	1.812E-03
County	Fresno	2005	Annual	T7 Public	35 MPH	6.877E-07	1.849E-05	4.399E-06	1.617E-07	3.600E-08	6.174E-08	8.208E-07	9.185E-07	9.000E-09	2.646E-08	7.551E-07	7.906E-07	1.859E-03	1.859E-03
County	Fresno	2005	Annual	T7 Single	35 MPH	6.328E-07	1.681E-05	3.790E-06	1.564E-07	3.600E-08	6.174E-08	6.030E-07	7.007E-07	9.000E-09	2.646E-08	5.548E-07	5.902E-07	1.798E-03	1.798E-03
County	Fresno	2005	Annual	T7 single construction	35 MPH	6.328E-07	1.681E-05	3.790E-06	1.564E-07	3.600E-08	6.174E-08	6.030E-07	7.007E-07	9.000E-09	2.646E-08	5.548E-07	5.902E-07	1.798E-03	1.798E-03
County	Fresno	2005	Annual	T7 SWCV	35 MPH	6.185E-07	1.767E-05	3.833E-06	1.582E-07	3.600E-08	6.174E-08	6.612E-07	7.590E-07	9.000E-09	2.646E-08	6.083E-07	6.438E-07	1.819E-03	1.819E-03
County	Fresno	2005	Annual	T7 tractor	35 MPH	9.142E-07	1.880E-05	5.430E-06	1.558E-07	3.600E-08	6.174E-08	6.822E-07	7.799E-07	9.000E-09	2.646E-08	6.276E-07	6.631E-07	1.791E-03	1.791E-03
County	Fresno	2005	Annual	T7 tractor construction	35 MPH	9.282E-07	1.869E-05	5.532E-06	1.559E-07	3.600E-08	6.174E-08	7.053E-07	8.030E-07	9.000E-09	2.646E-08	6.489E-07	6.843E-07	1.793E-03	1.793E-03
County	Fresno	2005	Annual	T7 utility	35 MPH	3.706E-07	1.678E-05	2.190E-06	1.560E-07	3.600E-08	6.174E-08	4.202E-07	5.179E-07	9.000E-09	2.646E-08	3.866E-07	4.220E-07	1.794E-03	1.794E-03
County	Fresno	2005	Annual	T7IS	35 MPH	3.002E-06	9.443E-06	7.552E-05	7.197E-09	8.000E-09	3.675E-08	4.811E-09	4.956E-08	2.000E-09	1.575E-08	3.931E-09	2.168E-08	5.278E-04	5.278E-04
County	Fresno	2005	Annual	UBUS	35 MPH	6.432E-07	1.164E-05	5.518E-06	1.658E-07	8.000E-09	5.987E-07	1.808E-07	7.875E-07	2.000E-09	2.566E-07	1.662E-07	4.248E-07	1.993E-03	1.993E-03

County	Fresno	2005	Annual	All Other Buses	40 MPH	5.646E-07	1.187E-05	2.188E-06	1.087E-07	1.200E-08	1.303E-07	4.833E-07	6.256E-07	3.000E-09	5.586E-08	4.446E-07	5.034E-07	1.122E-03	1.122E-03
County	Fresno	2005	Annual	LDA	40 MPH	1.355E-07	4.077E-07	4.077E-06	3.464E-09	8.000E-09	3.675E-08	6.053E-09	5.080E-08	2.000E-09	1.575E-08	5.514E-09	2.326E-08	3.021E-04	3.021E-04
County	Fresno	2005	Annual	LDT1	40 MPH	3.736E-07	9.094E-07	9.143E-06	4.004E-09	8.000E-09	3.675E-08	1.021E-08	5.496E-08	2.000E-09	1.575E-08	9.074E-09	2.682E-08	3.450E-04	3.450E-04
County	Fresno	2005	Annual	LDT2	40 MPH	1.710E-07	7.090E-07	5.122E-06	4.674E-09	8.000E-09	3.675E-08	5.356E-09	5.011E-08	2.000E-09	1.575E-08	4.838E-09	2.259E-08	4.162E-04	4.162E-04
County	Fresno	2005	Annual	LHD1	40 MPH	2.317E-07	3.035E-06	3.208E-06	2.557E-08	9.671E-09	5.333E-08	2.162E-08	8.462E-08	2.418E-09	2.286E-08	1.988E-08	4.515E-08	4.992E-04	4.992E-04
County	Fresno	2005	Annual	LHD2	40 MPH	2.672E-07	3.802E-06	4.130E-06	3.286E-08	1.043E-08	6.857E-08	3.149E-08	1.105E-07	2.607E-09	2.939E-08	2.885E-08	6.085E-08	5.114E-04	5.114E-04
County	Fresno	2005	Annual	MCY	40 MPH	2.709E-06	1.375E-06	3.090E-05	2.171E-09	7.990E-09	3.669E-08	4.214E-09	4.889E-08	1.998E-09	1.572E-08	3.244E-09	2.097E-08	1.066E-04	1.066E-04
County	Fresno	2005	Annual	MDV	40 MPH	1.361E-07	6.780E-07	4.368E-06	5.771E-09	8.000E-09	3.675E-08	3.759E-09	4.851E-08	2.000E-09	1.575E-08	3.419E-09	2.117E-08	5.173E-04	5.173E-04
County	Fresno	2005	Annual	MH	40 MPH	6.580E-07	3.536E-06	1.925E-05	2.257E-08	8.607E-09	5.096E-08	3.754E-08	9.711E-08	2.152E-09	2.184E-08	3.414E-08	5.813E-08	5.711E-04	5.711E-04
County	Fresno	2005	Annual	Motor Coach	40 MPH	5.957E-07	1.848E-05	3.464E-06	1.550E-07	1.200E-08	1.303E-07	4.522E-07	5.945E-07	3.000E-09	5.586E-08	4.160E-07	4.749E-07	1.701E-03	1.701E-03
County	Fresno	2005	Annual	OBUS	40 MPH	3.873E-07	3.087E-06	7.652E-06	7.032E-09	8.000E-09	3.675E-08	2.414E-09	4.716E-08	2.000E-09	1.575E-08	2.195E-09	1.994E-08	4.752E-04	4.752E-04
County	Fresno	2005	Annual	PTO	40 MPH	1.230E-06	1.962E-05	7.062E-06	1.933E-07	0.000E+00	0.000E+00	1.021E-06	1.021E-06	0.000E+00	0.000E+00	9.393E-07	9.393E-07	2.181E-03	2.181E-03
County	Fresno	2005	Annual	SBUS	40 MPH	8.684E-07	9.851E-06	1.282E-05	9.472E-08	1.121E-08	6.053E-07	3.301E-07	9.466E-07	2.803E-09	2.594E-07	3.034E-07	5.656E-07	9.938E-04	9.938E-04
County	Fresno	2005	Annual	T6 Ag	40 MPH	5.493E-07	1.155E-05	2.103E-06	1.089E-07	1.200E-08	1.303E-07	4.878E-07	6.302E-07	3.000E-09	5.586E-08	4.488E-07	5.077E-07	1.124E-03	1.124E-03
County	Fresno	2005	Annual	T6 CAIRP heavy	40 MPH	3.279E-07	1.042E-05	1.382E-06	1.071E-07	1.200E-08	1.303E-07	3.016E-07	4.440E-07	3.000E-09	5.586E-08	2.775E-07	3.364E-07	1.105E-03	1.105E-03
County	Fresno	2005	Annual	T6 CAIRP small	40 MPH	2.278E-07	9.922E-06	1.052E-06	1.065E-07	1.200E-08	1.303E-07	2.213E-07	3.637E-07	3.000E-09	5.586E-08	2.036E-07	2.625E-07	1.099E-03	1.099E-03
County	Fresno	2005	Annual	T6 instate construction heavy	40 MPH	5.550E-07	1.156E-05	2.140E-06	1.084E-07	1.200E-08	1.303E-07	4.841E-07	6.264E-07	3.000E-09	5.586E-08	4.453E-07	5.042E-07	1.119E-03	1.119E-03
County	Fresno	2005	Annual	T6 instate construction small	40 MPH	3.164E-07	1.064E-05	1.383E-06	1.068E-07	1.200E-08	1.303E-07	2.868E-07	4.292E-07	3.000E-09	5.586E-08	2.639E-07	3.227E-07	1.102E-03	1.102E-03
County	Fresno	2005	Annual	T6 instate heavy	40 MPH	5.550E-07	1.156E-05	2.140E-06	1.084E-07	1.200E-08	1.303E-07	4.841E-07	6.264E-07	3.000E-09	5.586E-08	4.453E-07	5.042E-07	1.119E-03	1.119E-03
County	Fresno	2005	Annual	T6 instate small	40 MPH	3.164E-07	1.064E-05	1.383E-06	1.068E-07	1.200E-08	1.303E-07	2.868E-07	4.292E-07	3.000E-09	5.586E-08	2.639E-07	3.227E-07	1.102E-03	1.102E-03
County	Fresno	2005	Annual	T6 OOS heavy	40 MPH	3.279E-07	1.042E-05	1.382E-06	1.071E-07	1.200E-08	1.303E-07	3.016E-07	4.440E-07	3.000E-09	5.586E-08	2.775E-07	3.364E-07	1.105E-03	1.105E-03
County	Fresno	2005	Annual	T6 OOS small	40 MPH	2.278E-07	9.922E-06	1.052E-06	1.065E-07	1.200E-08	1.303E-07	2.213E-07	3.637E-07	3.000E-09	5.586E-08	2.036E-07	2.625E-07	1.099E-03	1.099E-03
County	Fresno	2005	Annual	T6 Public	40 MPH	3.341E-07	1.102E-05	1.252E-06	1.093E-07	1.200E-08	1.303E-07	3.537E-07	4.961E-07	3.000E-09	5.586E-08	3.254E-07	3.843E-07	1.129E-03	1.129E-03
County	Fresno	2005	Annual	T6 utility	40 MPH	1.645E-07	9.920E-06	7.151E-07	1.068E-07	1.200E-08	1.303E-07	1.980E-07	3.403E-07	3.000E-09	5.586E-08	1.822E-07	2.410E-07	1.102E-03	1.102E-03
County	Fresno	2005	Annual	T6TS	40 MPH	1.126E-06	4.432E-06	2.336E-05	7.423E-09	8.000E-09	3.675E-08	6.985E-09	5.173E-08	2.000E-09	1.575E-08	6.065E-09	2.381E-08	4.752E-04	4.752E-04
County	Fresno	2005	Annual	T7 Ag	40 MPH	8.420E-07	1.899E-05	5.133E-06	1.581E-07	3.600E-08	6.174E-08	7.847E-07	8.824E-07	9.000E-09	2.646E-08	7.219E-07	7.574E-07	1.734E-03	1.734E-03
County	Fresno	2005	Annual	T7 CAIRP	40 MPH	6.548E-07	1.887E-05	3.705E-06	1.546E-07	3.600E-08	6.174E-08	4.193E-07	5.171E-07	9.000E-09	2.646E-08	3.858E-07	4.212E-07	1.696E-03	1.696E-03
County	Fresno	2005	Annual	T7 CAIRP construction	40 MPH	6.548E-07	1.887E-05	3.705E-06	1.546E-07	3.600E-08	6.174E-08	4.193E-07	5.171E-07	9.000E-09	2.646E-08	3.858E-07	4.212E-07	1.696E-03	1.696E-03
County	Fresno	2005	Annual	T7 NNOOS	40 MPH	4.425E-07	1.433E-05	2.357E-06	1.542E-07	3.600E-08	6.174E-08	3.658E-07	4.635E-07	9.000E-09	2.646E-08	3.365E-07	3.720E-07	1.692E-03	1.692E-03
County	Fresno	2005	Annual	T7 NOOS	40 MPH	6.548E-07	1.887E-05	3.705E-06	1.546E-07	3.600E-08	6.174E-08	4.193E-07	5.171E-07	9.000E-09	2.646E-08	3.858E-07	4.212E-07	1.696E-03	1.696E-03
County	Fresno	2005	Annual	T7 other port	40 MPH	8.015E-07	2.052E-05	4.839E-06	1.535E-07	3.600E-08	6.174E-08	5.113E-07	6.090E-07	9.000E-09	2.646E-08	4.704E-07	5.058E-07	1.684E-03	1.684E-03
County	Fresno	2005	Annual	T7 POAK	40 MPH	8.434E-07	2.061E-05	5.105E-06	1.538E-07	3.600E-08	6.174E-08	5.610E-07	6.588E-07	9.000E-09	2.646E-08	5.161E-07	5.516E-07	1.688E-03	1.688E-03
County	Fresno	2005	Annual	T7 POLA	40 MPH	1.070E-06	2.035E-05	6.537E-06	1.576E-07	3.600E-08	6.174E-08	8.995E-07	9.973E-07	9.000E-09	2.646E-08	8.276E-07	8.630E-07	1.729E-03	1.729E-03
County	Fresno	2005	Annual	T7 Public	40 MPH	6.039E-07	1.799E-05	3.750E-06	1.617E-07	3.600E-08	6.174E-08	7.493E-07	8.471E-07	9.000E-09	2.646E-08	6.894E-07	7.248E-07	1.774E-03	1.774E-03
County	Fresno	2005	Annual	T7 Single	40 MPH	5.431E-07	1.644E-05	3.230E-06	1.564E-07	3.600E-08	6.174E-08	5.527E-07	6.504E-07	9.000E-09	2.646E-08	5.085E-07	5.439E-07	1.716E-03	1.716E-03
County	Fresno	2005	Annual	T7 single construction	40 MPH	5.431E-07	1.644E-05	3.230E-06	1.564E-07	3.600E-08	6.174E-08	5.527E-07	6.504E-07	9.000E-09	2.646E-08	5.085E-07	5.439E-07	1.716E-03	1.716E-03
County	Fresno	2005	Annual	T7 SWCV	40 MPH	5.360E-07	1.730E-05	3.261E-06	1.582E-07	3.600E-08	6.174E-08	6.022E-07	7.000E-07	9.000E-09	2.646E-08	5.541E-07	5.895E-07	1.736E-03	1.736E-03
County	Fresno	2005	Annual	T7 tractor	40 MPH	7.711E-07	1.855E-05	4.566E-06	1.558E-07	3.600E-08	6.174E-08	6.107E-07	7.084E-07	9.000E-09	2.646E-08	5.618E-07	5.973E-07	1.709E-03	1.709E-03
County	Fresno	2005	Annual	T7 tractor construction	40 MPH	7.847E-07	1.841E-05	4.658E-06	1.559E-07	3.600E-08	6.174E-08	6.330E-07	7.308E-07	9.000E-09	2.646E-08	5.824E-07	6.178E-07	1.711E-03	1.711E-03
County	Fresno	2005	Annual	T7 utility	40 MPH	3.162E-07	1.651E-05	1.863E-06	1.560E-07	3.600E-08	6.174E-08	3.820E-07	4.798E-07	9.000E-09	2.646E-08	3.515E-07	3.869E-07	1.712E-03	1.712E-03
County	Fresno	2005	Annual	T7IS	40 MPH	2.470E-06	9.825E-06	6.794E-05	7.197E-09	8.000E-09	3.675E-08	3.960E-09	4.871E-08	2.000E-09	1.575E-08	3.236E-09	2.099E-08	4.752E-04	4.752E-04
County	Fresno	2005	Annual	UBUS	40 MPH	5.505E-07	1.175E-05	4.933E-06	1.658E-07	8.000E-09	5.987E-07	1.589E-07	7.656E-07	2.000E-09	2.566E-07	1.462E-07	4.047E-07	1.978E-03	1.978E-03

County	Fresno	2005	Annual	All Other Buses	45 MPH	5.105E-07	1.178E-05	1.873E-06	1.087E-07	1.200E-08	1.303E-07	4.538E-07	5.961E-07	3.000E-09	5.586E-08	4.175E-07	4.763E-07	1.082E-03	1.082E-03
County	Fresno	2005	Annual	LDA	45 MPH	1.262E-07	4.034E-07	3.867E-06	3.464E-09	8.000E-09	3.675E-08	5.557E-09	5.031E-08	2.000E-09	1.575E-08	5.059E-09	2.281E-08	2.908E-04	2.908E-04
County	Fresno	2005	Annual	LDT1	45 MPH	3.512E-07	9.112E-07	8.818E-06	4.004E-09	8.000E-09	3.675E-08	9.427E-09	5.418E-08	2.000E-09	1.575E-08	8.367E-09	2.612E-08	3.320E-04	3.320E-04
County	Fresno	2005	Annual	LDT2	45 MPH	1.594E-07	7.006E-07	4.869E-06	4.674E-09	8.000E-09	3.675E-08	4.929E-09	4.968E-08	2.000E-09	1.575E-08	4.448E-09	2.220E-08	4.006E-04	4.006E-04
County	Fresno	2005	Annual	LHD1	45 MPH	2.034E-07	3.149E-06	3.052E-06	2.557E-08	9.671E-09	5.333E-08	1.948E-08	8.248E-08	2.418E-09	2.286E-08	1.791E-08	4.319E-08	4.857E-04	4.857E-04
County	Fresno	2005	Annual	LHD2	45 MPH	2.332E-07	3.955E-06	3.868E-06	3.286E-08	1.043E-08	6.857E-08	2.844E-08	1.074E-07	2.607E-09	2.939E-08	2.606E-08	5.806E-08	5.023E-04	5.023E-04
County	Fresno	2005	Annual	MCY	45 MPH	2.869E-06	1.426E-06	3.535E-05	2.171E-09	7.990E-09	3.669E-08	4.469E-09	4.915E-08	1.998E-09	1.572E-08	3.440E-09	2.116E-08	1.014E-04	1.014E-04
County	Fresno	2005	Annual	MDV	45 MPH	1.265E-07	6.694E-07	4.161E-06	5.771E-09	8.000E-09	3.675E-08	3.458E-09	4.821E-08	2.000E-09	1.575E-08	3.143E-09	2.089E-08	4.979E-04	4.979E-04
County	Fresno	2005	Annual	MH	45 MPH	5.651E-07	3.590E-06	1.824E-05	2.257E-08	8.607E-09	5.096E-08	3.605E-08	9.562E-08	2.152E-09	2.184E-08	3.283E-08	5.682E-08	5.455E-04	5.455E-04
County	Fresno	2005	Annual	Motor Coach	45 MPH	5.331E-07	1.845E-05	2.952E-06	1.550E-07	1.200E-08	1.303E-07	4.281E-07	5.704E-07	3.000E-09	5.586E-08	3.938E-07	4.527E-07	1.641E-03	1.641E-03
County	Fresno	2005	Annual	OBUS	45 MPH	3.347E-07	3.193E-06	7.281E-06	7.032E-09	8.000E-09	3.675E-08	2.072E-09	4.682E-08	2.000E-09	1.575E-08	1.883E-09	1.963E-08	4.521E-04	4.521E-04
County	Fresno	2005	Annual	PTO	45 MPH	1.230E-06	1.962E-05	7.062E-06	1.933E-07	0.000E+00	0.000E+00	1.021E-06	1.021E-06	0.000E+00	0.000E+00	9.393E-07	9.393E-07	2.181E-03	2.181E-03
County	Fresno	2005	Annual	SBUS	45 MPH	7.619E-07	9.798E-06	1.208E-05	9.472E-08	1.121E-08	6.053E-07	3.114E-07	9.279E-07	2.803E-09	2.594E-07	2.862E-07	5.484E-07	9.573E-04	9.573E-04
County	Fresno	2005	Annual	T6 Ag	45 MPH	4.970E-07	1.144E-05	1.805E-06	1.089E-07	1.200E-08	1.303E-07	4.594E-07	6.018E-07	3.000E-09	5.586E-08	4.227E-07	4.815E-07	1.084E-03	1.084E-03
County	Fresno	2005	Annual	T6 CAIRP heavy	45 MPH	2.946E-07	1.033E-05	1.191E-06	1.071E-07	1.200E-08	1.303E-07	2.900E-07	4.323E-07	3.000E-09	5.586E-08	2.668E-07	3.256E-07	1.066E-03	1.066E-03
County	Fresno	2005	Annual	T6 CAIRP small	45 MPH	2.032E-07	9.853E-06	9.100E-07	1.065E-07	1.200E-08	1.303E-07	2.168E-07	3.592E-07	3.000E-09	5.586E-08	1.995E-07	2.584E-07	1.060E-03	1.060E-03
County	Fresno	2005	Annual	T6 instate construction heavy	45 MPH	5.019E-07	1.145E-05	1.836E-06	1.084E-07	1.200E-08	1.303E-07	4.560E-07	5.984E-07	3.000E-09	5.586E-08	4.195E-07	4.784E-07	1.080E-03	1.080E-03
County	Fresno	2005	Annual	T6 instate construction small	45 MPH	2.838E-07	1.058E-05	1.187E-06	1.068E-07	1.200E-08	1.303E-07	2.750E-07	4.174E-07	3.000E-09	5.586E-08	2.530E-07	3.119E-07	1.063E-03	1.063E-03
County	Fresno	2005	Annual	T6 instate heavy	45 MPH	5.019E-07	1.145E-05	1.836E-06	1.084E-07	1.200E-08	1.303E-07	4.560E-07	5.984E-07	3.000E-09	5.586E-08	4.195E-07	4.784E-07	1.080E-03	1.080E-03
County	Fresno	2005	Annual	T6 instate small	45 MPH	2.838E-07	1.058E-05	1.187E-06	1.068E-07	1.200E-08	1.303E-07	2.750E-07	4.174E-07	3.000E-09	5.586E-08	2.530E-07	3.119E-07	1.063E-03	1.063E-03
County	Fresno	2005	Annual	T6 OOS heavy	45 MPH	2.946E-07	1.033E-05	1.191E-06	1.071E-07	1.200E-08	1.303E-07	2.900E-07	4.323E-07	3.000E-09	5.586E-08	2.668E-07	3.256E-07	1.066E-03	1.066E-03
County	Fresno	2005	Annual	T6 OOS small	45 MPH	2.032E-07	9.853E-06	9.100E-07	1.065E-07	1.200E-08	1.303E-07	2.168E-07	3.592E-07	3.000E-09	5.586E-08	1.995E-07	2.584E-07	1.060E-03	1.060E-03
County	Fresno	2005	Annual	T6 Public	45 MPH	3.026E-07	1.090E-05	1.077E-06	1.093E-07	1.200E-08	1.303E-07	3.335E-07	4.759E-07	3.000E-09	5.586E-08	3.068E-07	3.657E-07	1.088E-03	1.088E-03
County	Fresno	2005	Annual	T6 utility	45 MPH	1.474E-07	9.862E-06	6.198E-07	1.068E-07	1.200E-08	1.303E-07	1.919E-07	3.342E-07	3.000E-09	5.586E-08	1.765E-07	2.354E-07	1.063E-03	1.063E-03
County	Fresno	2005	Annual	T6TS	45 MPH	9.682E-07	4.582E-06	2.216E-05	7.423E-09	8.000E-09	3.675E-08	5.994E-09	5.074E-08	2.000E-09	1.575E-08	5.204E-09	2.295E-08	4.521E-04	4.521E-04
County	Fresno	2005	Annual	T7 Ag	45 MPH	7.602E-07	1.886E-05	4.391E-06	1.581E-07	3.600E-08	6.174E-08	7.343E-07	8.320E-07	9.000E-09	2.646E-08	6.755E-07	7.110E-07	1.673E-03	1.673E-03
County	Fresno	2005	Annual	T7 CAIRP	45 MPH	5.838E-07	1.884E-05	3.154E-06	1.546E-07	3.600E-08	6.174E-08	4.003E-07	4.980E-07	9.000E-09	2.646E-08	3.682E-07	4.037E-07	1.636E-03	1.636E-03
County	Fresno	2005	Annual	T7 CAIRP construction	45 MPH	5.838E-07	1.884E-05	3.154E-06	1.546E-07	3.600E-08	6.174E-08	4.003E-07	4.980E-07	9.000E-09	2.646E-08	3.682E-07	4.037E-07	1.636E-03	1.636E-03
County	Fresno	2005	Annual	T7 NNOOS	45 MPH	3.930E-07	1.405E-05	2.097E-06	1.542E-07	3.600E-08	6.174E-08	3.747E-07	4.724E-07	9.000E-09	2.646E-08	3.447E-07	3.802E-07	1.632E-03	1.632E-03
County	Fresno	2005	Annual	T7 NOOS	45 MPH	5.838E-07	1.884E-05	3.154E-06	1.546E-07	3.600E-08	6.174E-08	4.003E-07	4.980E-07	9.000E-09	2.646E-08	3.682E-07	4.037E-07	1.636E-03	1.636E-03
County	Fresno	2005	Annual	T7 other port	45 MPH	7.161E-07	2.062E-05	4.066E-06	1.535E-07	3.600E-08	6.174E-08	4.719E-07	5.696E-07	9.000E-09	2.646E-08	4.341E-07	4.696E-07	1.624E-03	1.624E-03
County	Fresno	2005	Annual	T7 POAK	45 MPH	7.544E-07	2.070E-05	4.295E-06	1.538E-07	3.600E-08	6.174E-08	5.180E-07	6.157E-07	9.000E-09	2.646E-08	4.765E-07	5.120E-07	1.628E-03	1.628E-03
County	Fresno	2005	Annual	T7 POLA	45 MPH	9.645E-07	2.027E-05	5.562E-06	1.576E-07	3.600E-08	6.174E-08	8.369E-07	9.346E-07	9.000E-09	2.646E-08	7.699E-07	8.054E-07	1.668E-03	1.668E-03
County	Fresno	2005	Annual	T7 Public	45 MPH	5.481E-07	1.771E-05	3.227E-06	1.617E-07	3.600E-08	6.174E-08	7.019E-07	7.996E-07	9.000E-09	2.646E-08	6.457E-07	6.812E-07	1.711E-03	1.711E-03
County	Fresno	2005	Annual	T7 Single	45 MPH	4.890E-07	1.624E-05	2.795E-06	1.564E-07	3.600E-08	6.174E-08	5.291E-07	6.269E-07	9.000E-09	2.646E-08	4.868E-07	5.223E-07	1.655E-03	1.655E-03
County	Fresno	2005	Annual	T7 single construction	45 MPH	4.890E-07	1.624E-05	2.795E-06	1.564E-07	3.600E-08	6.174E-08	5.291E-07	6.269E-07	9.000E-09	2.646E-08	4.868E-07	5.223E-07	1.655E-03	1.655E-03
County	Fresno	2005	Annual	T7 SWCV	45 MPH	4.845E-07	1.712E-05	2.809E-06	1.582E-07	3.600E-08	6.174E-08	5.686E-07	6.663E-07	9.000E-09	2.646E-08	5.231E-07	5.585E-07	1.674E-03	1.674E-03
County	Fresno	2005	Annual	T7 tractor	45 MPH	6.922E-07	1.845E-05	3.902E-06	1.558E-07	3.600E-08	6.174E-08	5.775E-07	6.753E-07	9.000E-09	2.646E-08	5.313E-07	5.668E-07	1.649E-03	1.649E-03
County	Fresno	2005	Annual	T7 tractor construction	45 MPH	7.048E-07	1.830E-05	3.985E-06	1.559E-07	3.600E-08	6.174E-08	5.990E-07	6.968E-07	9.000E-09	2.646E-08	5.511E-07	5.866E-07	1.650E-03	1.650E-03
County	Fresno	2005	Annual	T7 utility	45 MPH	2.842E-07	1.638E-05	1.611E-06	1.560E-07	3.600E-08	6.174E-08	3.651E-07	4.628E-07	9.000E-09	2.646E-08	3.359E-07	3.713E-07	1.651E-03	1.651E-03
County	Fresno	2005	Annual	T7IS	45 MPH	2.124E-06	1.027E-05	6.498E-05	7.197E-09	8.000E-09	3.675E-08	3.399E-09	4.815E-08	2.000E-09	1.575E-08	2.777E-09	2.053E-08	4.521E-04	4.521E-04
County	Fresno	2005	Annual	UBUS	45 MPH	4.897E-07	1.242E-05	4.665E-06	1.658E-07	8.000E-09	5.987E-07	1.447E-07	7.514E-07	2.000E-09	2.566E-07	1.331E-07	3.917E-07	1.971E-03	1.971E-03

County	Fresno	2005	Annual	All Other Buses	50 MPH	4.901E-07	1.180E-05	1.646E-06	1.087E-07	1.200E-08	1.303E-07	4.485E-07	5.909E-07	3.000E-09	5.586E-08	4.126E-07	4.715E-07	1.056E-03	1.056E-03
County	Fresno	2005	Annual	LDA	50 MPH	1.231E-07	4.063E-07	3.739E-06	3.464E-09	8.000E-09	3.675E-08	5.348E-09	5.010E-08	2.000E-09	1.575E-08	4.865E-09	2.261E-08	2.905E-04	2.905E-04
County	Fresno	2005	Annual	LDT1	50 MPH	3.456E-07	9.295E-07	8.762E-06	4.004E-09	8.000E-09	3.675E-08	9.108E-09	5.386E-08	2.000E-09	1.575E-08	8.072E-09	2.582E-08	3.317E-04	3.317E-04
County	Fresno	2005	Annual	LDT2	50 MPH	1.556E-07	7.062E-07	4.725E-06	4.674E-09	8.000E-09	3.675E-08	4.756E-09	4.951E-08	2.000E-09	1.575E-08	4.288E-09	2.204E-08	4.002E-04	4.002E-04
County	Fresno	2005	Annual	LHD1	50 MPH	1.877E-07	3.342E-06	3.082E-06	2.557E-08	9.671E-09	5.333E-08	1.798E-08	8.098E-08	2.418E-09	2.286E-08	1.653E-08	4.181E-08	4.870E-04	4.870E-04
County	Fresno	2005	Annual	LHD2	50 MPH	2.112E-07	4.235E-06	3.824E-06	3.286E-08	1.043E-08	6.857E-08	2.628E-08	1.053E-07	2.607E-09	2.939E-08	2.409E-08	5.608E-08	5.032E-04	5.032E-04
County	Fresno	2005	Annual	MCY	50 MPH	3.182E-06	1.479E-06	4.264E-05	2.171E-09	7.990E-09	3.669E-08	4.960E-09	4.964E-08	1.998E-09	1.572E-08	3.818E-09	2.154E-08	9.805E-05	9.805E-05
County	Fresno	2005	Annual	MDV	50 MPH	1.233E-07	6.740E-07	4.051E-06	5.771E-09	8.000E-09	3.675E-08	3.337E-09	4.809E-08	2.000E-09	1.575E-08	3.031E-09	2.078E-08	4.974E-04	4.974E-04
County	Fresno	2005	Annual	MH	50 MPH	5.093E-07	3.697E-06	1.839E-05	2.257E-08	8.607E-09	5.096E-08	3.676E-08	9.632E-08	2.152E-09	2.184E-08	3.351E-08	5.750E-08	5.436E-04	5.436E-04
County	Fresno	2005	Annual	Motor Coach	50 MPH	5.264E-07	1.856E-05	2.602E-06	1.550E-07	1.200E-08	1.303E-07	4.388E-07	5.812E-07	3.000E-09	5.586E-08	4.037E-07	4.626E-07	1.601E-03	1.601E-03
County	Fresno	2005	Annual	OBUS	50 MPH	2.960E-07	3.344E-06	7.296E-06	7.032E-09	8.000E-09	3.675E-08	1.853E-09	4.660E-08	2.000E-09	1.575E-08	1.685E-09	1.943E-08	4.543E-04	4.543E-04
County	Fresno	2005	Annual	PTO	50 MPH	1.230E-06	1.962E-05	7.062E-06	1.933E-07	0.000E+00	0.000E+00	1.021E-06	1.021E-06	0.000E+00	0.000E+00	9.393E-07	9.393E-07	2.181E-03	2.181E-03
County	Fresno	2005	Annual	SBUS	50 MPH	6.998E-07	9.827E-06	1.196E-05	9.472E-08	1.121E-08	6.053E-07	3.078E-07	9.244E-07	2.803E-09	2.594E-07	2.830E-07	5.452E-07	9.369E-04	9.369E-04
County	Fresno	2005	Annual	T6 Ag	50 MPH	4.759E-07	1.144E-05	1.589E-06	1.089E-07	1.200E-08	1.303E-07	4.540E-07	5.963E-07	3.000E-09	5.586E-08	4.177E-07	4.765E-07	1.058E-03	1.058E-03
County	Fresno	2005	Annual	T6 CAIRP heavy	50 MPH	2.859E-07	1.034E-05	1.060E-06	1.071E-07	1.200E-08	1.303E-07	2.979E-07	4.402E-07	3.000E-09	5.586E-08	2.740E-07	3.329E-07	1.041E-03	1.041E-03
County	Fresno	2005	Annual	T6 CAIRP small	50 MPH	1.998E-07	9.868E-06	8.171E-07	1.065E-07	1.200E-08	1.303E-07	2.302E-07	3.725E-07	3.000E-09	5.586E-08	2.117E-07	2.706E-07	1.035E-03	1.035E-03
County	Fresno	2005	Annual	T6 instate construction heavy	50 MPH	4.813E-07	1.145E-05	1.616E-06	1.084E-07	1.200E-08	1.303E-07	4.518E-07	5.941E-07	3.000E-09	5.586E-08	4.156E-07	4.745E-07	1.054E-03	1.054E-03
County	Fresno	2005	Annual	T6 instate construction small	50 MPH	2.773E-07	1.061E-05	1.054E-06	1.068E-07	1.200E-08	1.303E-07	2.841E-07	4.264E-07	3.000E-09	5.586E-08	2.614E-07	3.202E-07	1.038E-03	1.038E-03
County	Fresno	2005	Annual	T6 instate heavy	50 MPH	4.813E-07	1.145E-05	1.616E-06	1.084E-07	1.200E-08	1.303E-07	4.518E-07	5.941E-07	3.000E-09	5.586E-08	4.156E-07	4.745E-07	1.054E-03	1.054E-03
County	Fresno	2005	Annual	T6 instate small	50 MPH	2.773E-07	1.061E-05	1.054E-06	1.068E-07	1.200E-08	1.303E-07	2.841E-07	4.264E-07	3.000E-09	5.586E-08	2.614E-07	3.202E-07	1.038E-03	1.038E-03
County	Fresno	2005	Annual	T6 OOS heavy	50 MPH	2.859E-07	1.034E-05	1.060E-06	1.071E-07	1.200E-08	1.303E-07	2.979E-07	4.402E-07	3.000E-09	5.586E-08	2.740E-07	3.329E-07	1.041E-03	1.041E-03
County	Fresno	2005	Annual	T6 OOS small	50 MPH	1.998E-07	9.868E-06	8.171E-07	1.065E-07	1.200E-08	1.303E-07	2.302E-07	3.725E-07	3.000E-09	5.586E-08	2.117E-07	2.706E-07	1.035E-03	1.035E-03
County	Fresno	2005	Annual	T6 Public	50 MPH	2.886E-07	1.090E-05	9.497E-07	1.093E-07	1.200E-08	1.303E-07	3.292E-07	4.716E-07	3.000E-09	5.586E-08	3.029E-07	3.618E-07	1.062E-03	1.062E-03
County	Fresno	2005	Annual	T6 utility	50 MPH	1.434E-07	9.886E-06	5.559E-07	1.068E-07	1.200E-08	1.303E-07	2.000E-07	3.423E-07	3.000E-09	5.586E-08	1.840E-07	2.428E-07	1.037E-03	1.037E-03
County	Fresno	2005	Annual	T6TS	50 MPH	8.634E-07	4.803E-06	2.232E-05	7.423E-09	8.000E-09	3.675E-08	5.361E-09	5.011E-08	2.000E-09	1.575E-08	4.655E-09	2.241E-08	4.543E-04	4.543E-04
County	Fresno	2005	Annual	T7 Ag	50 MPH	7.341E-07	1.891E-05	3.850E-06	1.581E-07	3.600E-08	6.174E-08	7.207E-07	8.185E-07	9.000E-09	2.646E-08	6.631E-07	6.985E-07	1.633E-03	1.633E-03
County	Fresno	2005	Annual	T7 CAIRP	50 MPH	5.819E-07	1.895E-05	2.788E-06	1.546E-07	3.600E-08	6.174E-08	4.198E-07	5.176E-07	9.000E-09	2.646E-08	3.862E-07	4.217E-07	1.597E-03	1.597E-03
County	Fresno	2005	Annual	T7 CAIRP construction	50 MPH	5.819E-07	1.895E-05	2.788E-06	1.546E-07	3.600E-08	6.174E-08	4.198E-07	5.176E-07	9.000E-09	2.646E-08	3.862E-07	4.217E-07	1.597E-03	1.597E-03
County	Fresno	2005	Annual	T7 NNOOS	50 MPH	3.816E-07	1.393E-05	1.939E-06	1.542E-07	3.600E-08	6.174E-08	4.093E-07	5.070E-07	9.000E-09	2.646E-08	3.765E-07	4.120E-07	1.593E-03	1.593E-03
County	Fresno	2005	Annual	T7 NOOS	50 MPH	5.819E-07	1.895E-05	2.788E-06	1.546E-07	3.600E-08	6.174E-08	4.198E-07	5.176E-07	9.000E-09	2.646E-08	3.862E-07	4.217E-07	1.597E-03	1.597E-03
County	Fresno	2005	Annual	T7 other port	50 MPH	7.178E-07	2.083E-05	3.541E-06	1.535E-07	3.600E-08	6.174E-08	4.822E-07	5.799E-07	9.000E-09	2.646E-08	4.436E-07	4.791E-07	1.585E-03	1.585E-03
County	Fresno	2005	Annual	T7 POAK	50 MPH	7.535E-07	2.091E-05	3.741E-06	1.538E-07	3.600E-08	6.174E-08	5.257E-07	6.234E-07	9.000E-09	2.646E-08	4.836E-07	5.191E-07	1.589E-03	1.589E-03
County	Fresno	2005	Annual	T7 POLA	50 MPH	9.397E-07	2.036E-05	4.861E-06	1.576E-07	3.600E-08	6.174E-08	8.241E-07	9.218E-07	9.000E-09	2.646E-08	7.581E-07	7.936E-07	1.628E-03	1.628E-03
County	Fresno	2005	Annual	T7 Public	50 MPH	5.203E-07	1.766E-05	2.833E-06	1.617E-07	3.600E-08	6.174E-08	6.784E-07	7.762E-07	9.000E-09	2.646E-08	6.242E-07	6.596E-07	1.670E-03	1.670E-03
County	Fresno	2005	Annual	T7 Single	50 MPH	4.704E-07	1.620E-05	2.484E-06	1.564E-07	3.600E-08	6.174E-08	5.323E-07	6.301E-07	9.000E-09	2.646E-08	4.897E-07	5.252E-07	1.615E-03	1.615E-03
County	Fresno	2005	Annual	T7 single construction	50 MPH	4.704E-07	1.620E-05	2.484E-06	1.564E-07	3.600E-08	6.174E-08	5.323E-07	6.301E-07	9.000E-09	2.646E-08	4.897E-07	5.252E-07	1.615E-03	1.615E-03
County	Fresno	2005	Annual	T7 SWCV	50 MPH	4.639E-07	1.711E-05	2.477E-06	1.582E-07	3.600E-08	6.174E-08	5.602E-07	6.579E-07	9.000E-09	2.646E-08	5.154E-07	5.508E-07	1.634E-03	1.634E-03
County	Fresno	2005	Annual	T7 tractor	50 MPH	6.774E-07	1.851E-05	3.438E-06	1.558E-07	3.600E-08	6.174E-08	5.827E-07	6.805E-07	9.000E-09	2.646E-08	5.361E-07	5.716E-07	1.609E-03	1.609E-03
County	Fresno	2005	Annual	T7 tractor construction	50 MPH	6.884E-07	1.835E-05	3.512E-06	1.559E-07	3.600E-08	6.174E-08	6.033E-07	7.011E-07	9.000E-09	2.646E-08	5.551E-07	5.905E-07	1.611E-03	1.611E-03
County	Fresno	2005	Annual	T7 utility	50 MPH	2.746E-07	1.641E-05	1.433E-06	1.560E-07	3.600E-08	6.174E-08	3.693E-07	4.670E-07	9.000E-09	2.646E-08	3.398E-07	3.752E-07	1.612E-03	1.612E-03
County	Fresno	2005	Annual	T7IS	50 MPH	1.896E-06	1.063E-05	6.515E-05	7.197E-09	8.000E-09	3.675E-08	3.040E-09	4.779E-08	2.000E-09	1.575E-08	2.484E-09	2.023E-08	4.543E-04	4.543E-04
County	Fresno	2005	Annual	UBUS	50 MPH	4.526E-07	1.373E-05	4.667E-06	1.658E-07	8.000E-09	5.987E-07	1.365E-07	7.432E-07	2.000E-09	2.566E-07	1.255E-07	3.841E-07	1.971E-03	1.971E-03

County	Fresno	2005	Annual	All Other Buses	55 MPH	5.035E-07	1.194E-05	1.507E-06	1.087E-07	1.200E-08	1.303E-07	4.675E-07	6.099E-07	3.000E-09	5.586E-08	4.301E-07	4.890E-07	1.044E-03	1.044E-03
County	Fresno	2005	Annual	LDA	55 MPH	1.260E-07	4.167E-07	3.700E-06	3.464E-09	8.000E-09	3.675E-08	5.398E-09	5.015E-08	2.000E-09	1.575E-08	4.907E-09	2.266E-08	3.011E-04	3.011E-04
County	Fresno	2005	Annual	LDT1	55 MPH	3.561E-07	9.654E-07	9.012E-06	4.004E-09	8.000E-09	3.675E-08	9.211E-09	5.396E-08	2.000E-09	1.575E-08	8.149E-09	2.590E-08	3.439E-04	3.439E-04
County	Fresno	2005	Annual	LDT2	55 MPH	1.591E-07	7.262E-07	4.702E-06	4.674E-09	8.000E-09	3.675E-08	4.814E-09	4.956E-08	2.000E-09	1.575E-08	4.335E-09	2.208E-08	4.149E-04	4.149E-04
County	Fresno	2005	Annual	LHD1	55 MPH	1.713E-07	3.729E-06	3.229E-06	2.557E-08	9.671E-09	5.333E-08	1.700E-08	8.000E-08	2.418E-09	2.286E-08	1.563E-08	4.090E-08	5.034E-04	5.034E-04
County	Fresno	2005	Annual	LHD2	55 MPH	1.994E-07	4.747E-06	4.155E-06	3.286E-08	1.043E-08	6.857E-08	2.486E-08	1.039E-07	2.607E-09	2.939E-08	2.278E-08	5.478E-08	5.142E-04	5.142E-04
County	Fresno	2005	Annual	MCY	55 MPH	3.698E-06	1.533E-06	5.425E-05	2.171E-09	7.990E-09	3.669E-08	5.762E-09	5.044E-08	1.998E-09	1.572E-08	4.434E-09	2.216E-08	9.656E-05	9.656E-05
County	Fresno	2005	Annual	MDV	55 MPH	1.260E-07	6.926E-07	4.049E-06	5.771E-09	8.000E-09	3.675E-08	3.381E-09	4.813E-08	2.000E-09	1.575E-08	3.068E-09	2.082E-08	5.157E-04	5.157E-04
County	Fresno	2005	Annual	MH	55 MPH	4.743E-07	3.809E-06	1.963E-05	2.257E-08	8.607E-09	5.096E-08	3.958E-08	9.915E-08	2.152E-09	2.184E-08	3.613E-08	6.012E-08	5.656E-04	5.656E-04
County	Fresno	2005	Annual	Motor Coach	55 MPH	5.758E-07	1.880E-05	2.414E-06	1.550E-07	1.200E-08	1.303E-07	4.845E-07	6.269E-07	3.000E-09	5.586E-08	4.458E-07	5.046E-07	1.583E-03	1.583E-03
County	Fresno	2005	Annual	OBUS	55 MPH	2.690E-07	3.484E-06	7.744E-06	7.032E-09	8.000E-09	3.675E-08	1.728E-09	4.648E-08	2.000E-09	1.575E-08	1.571E-09	1.932E-08	4.824E-04	4.824E-04
County	Fresno	2005	Annual	PTO	55 MPH	1.230E-06	1.962E-05	7.062E-06	1.933E-07	0.000E+00	0.000E+00	1.021E-06	1.021E-06	0.000E+00	0.000E+00	9.393E-07	9.393E-07	2.181E-03	2.181E-03
County	Fresno	2005	Annual	SBUS	55 MPH	6.827E-07	9.980E-06	1.274E-05	9.472E-08	1.121E-08	6.053E-07	3.195E-07	9.360E-07	2.803E-09	2.594E-07	2.937E-07	5.559E-07	9.327E-04	9.327E-04
County	Fresno	2005	Annual	T6 Ag	55 MPH	4.861E-07	1.156E-05	1.455E-06	1.089E-07	1.200E-08	1.303E-07	4.716E-07	6.139E-07	3.000E-09	5.586E-08	4.338E-07	4.927E-07	1.046E-03	1.046E-03
County	Fresno	2005	Annual	T6 CAIRP heavy	55 MPH	3.017E-07	1.045E-05	9.880E-07	1.071E-07	1.200E-08	1.303E-07	3.253E-07	4.677E-07	3.000E-09	5.586E-08	2.993E-07	3.582E-07	1.029E-03	1.029E-03
County	Fresno	2005	Annual	T6 CAIRP small	55 MPH	2.176E-07	9.966E-06	7.736E-07	1.065E-07	1.200E-08	1.303E-07	2.613E-07	4.036E-07	3.000E-09	5.586E-08	2.404E-07	2.993E-07	1.023E-03	1.023E-03
County	Fresno	2005	Annual	T6 instate construction heavy	55 MPH	4.933E-07	1.157E-05	1.481E-06	1.084E-07	1.200E-08	1.303E-07	4.713E-07	6.137E-07	3.000E-09	5.586E-08	4.336E-07	4.925E-07	1.042E-03	1.042E-03
County	Fresno	2005	Annual	T6 instate construction small	55 MPH	2.969E-07	1.073E-05	9.839E-07	1.068E-07	1.200E-08	1.303E-07	3.139E-07	4.563E-07	3.000E-09	5.586E-08	2.888E-07	3.477E-07	1.026E-03	1.026E-03
County	Fresno	2005	Annual	T6 instate heavy	55 MPH	4.933E-07	1.157E-05	1.481E-06	1.084E-07	1.200E-08	1.303E-07	4.713E-07	6.137E-07	3.000E-09	5.586E-08	4.336E-07	4.925E-07	1.042E-03	1.042E-03
County	Fresno	2005	Annual	T6 instate small	55 MPH	2.969E-07	1.073E-05	9.839E-07	1.068E-07	1.200E-08	1.303E-07	3.139E-07	4.563E-07	3.000E-09	5.586E-08	2.888E-07	3.477E-07	1.026E-03	1.026E-03
County	Fresno	2005	Annual	T6 OOS heavy	55 MPH	3.017E-07	1.045E-05	9.880E-07	1.071E-07	1.200E-08	1.303E-07	3.253E-07	4.677E-07	3.000E-09	5.586E-08	2.993E-07	3.582E-07	1.029E-03	1.029E-03
County	Fresno	2005	Annual	T6 OOS small	55 MPH	2.176E-07	9.966E-06	7.736E-07	1.065E-07	1.200E-08	1.303E-07	2.613E-07	4.036E-07	3.000E-09	5.586E-08	2.404E-07	2.993E-07	1.023E-03	1.023E-03
County	Fresno	2005	Annual	T6 Public	55 MPH	2.922E-07	1.101E-05	8.692E-07	1.093E-07	1.200E-08	1.303E-07	3.409E-07	4.832E-07	3.000E-09	5.586E-08	3.136E-07	3.725E-07	1.050E-03	1.050E-03
County	Fresno	2005	Annual	T6 utility	55 MPH	1.525E-07	9.993E-06	5.235E-07	1.068E-07	1.200E-08	1.303E-07	2.223E-07	3.647E-07	3.000E-09	5.586E-08	2.045E-07	2.634E-07	1.025E-03	1.025E-03
County	Fresno	2005	Annual	T6TS	55 MPH	7.955E-07	5.005E-06	2.379E-05	7.423E-09	8.000E-09	3.675E-08	4.999E-09	4.975E-08	2.000E-09	1.575E-08	4.340E-09	2.209E-08	4.824E-04	4.824E-04
County	Fresno	2005	Annual	T7 Ag	55 MPH	7.636E-07	1.913E-05	3.510E-06	1.581E-07	3.600E-08	6.174E-08	7.440E-07	8.418E-07	9.000E-09	2.646E-08	6.845E-07	7.200E-07	1.614E-03	1.614E-03
County	Fresno	2005	Annual	T7 CAIRP	55 MPH	6.492E-07	1.919E-05	2.607E-06	1.546E-07	3.600E-08	6.174E-08	4.780E-07	5.757E-07	9.000E-09	2.646E-08	4.397E-07	4.752E-07	1.578E-03	1.578E-03
County	Fresno	2005	Annual	T7 CAIRP construction	55 MPH	6.492E-07	1.919E-05	2.607E-06	1.546E-07	3.600E-08	6.174E-08	4.780E-07	5.757E-07	9.000E-09	2.646E-08	4.397E-07	4.752E-07	1.578E-03	1.578E-03
County	Fresno	2005	Annual	T7 NNOOS	55 MPH	4.082E-07	1.398E-05	1.884E-06	1.542E-07	3.600E-08	6.174E-08	4.695E-07	5.673E-07	9.000E-09	2.646E-08	4.320E-07	4.674E-07	1.574E-03	1.574E-03
County	Fresno	2005	Annual	T7 NOOS	55 MPH	6.492E-07	1.919E-05	2.607E-06	1.546E-07	3.600E-08	6.174E-08	4.780E-07	5.757E-07	9.000E-09	2.646E-08	4.397E-07	4.752E-07	1.578E-03	1.578E-03
County	Fresno	2005	Annual	T7 other port	55 MPH	8.066E-07	2.116E-05	3.263E-06	1.535E-07	3.600E-08	6.174E-08	5.421E-07	6.399E-07	9.000E-09	2.646E-08	4.988E-07	5.342E-07	1.567E-03	1.567E-03
County	Fresno	2005	Annual	T7 POAK	55 MPH	8.407E-07	2.123E-05	3.441E-06	1.538E-07	3.600E-08	6.174E-08	5.842E-07	6.820E-07	9.000E-09	2.646E-08	5.375E-07	5.730E-07	1.571E-03	1.571E-03
County	Fresno	2005	Annual	T7 POLA	55 MPH	9.959E-07	2.063E-05	4.434E-06	1.576E-07	3.600E-08	6.174E-08	8.611E-07	9.588E-07	9.000E-09	2.646E-08	7.922E-07	8.277E-07	1.609E-03	1.609E-03
County	Fresno	2005	Annual	T7 Public	55 MPH	5.207E-07	1.781E-05	2.565E-06	1.617E-07	3.600E-08	6.174E-08	6.790E-07	7.767E-07	9.000E-09	2.646E-08	6.247E-07	6.601E-07	1.651E-03	1.651E-03
County	Fresno	2005	Annual	T7 Single	55 MPH	4.875E-07	1.634E-05	2.298E-06	1.564E-07	3.600E-08	6.174E-08	5.622E-07	6.600E-07	9.000E-09	2.646E-08	5.173E-07	5.527E-07	1.597E-03	1.597E-03
County	Fresno	2005	Annual	T7 single construction	55 MPH	4.875E-07	1.634E-05	2.298E-06	1.564E-07	3.600E-08	6.174E-08	5.622E-07	6.600E-07	9.000E-09	2.646E-08	5.173E-07	5.527E-07	1.597E-03	1.597E-03
County	Fresno	2005	Annual	T7 SWCV	55 MPH	4.743E-07	1.728E-05	2.265E-06	1.582E-07	3.600E-08	6.174E-08	5.771E-07	6.749E-07	9.000E-09	2.646E-08	5.310E-07	5.664E-07	1.615E-03	1.615E-03
County	Fresno	2005	Annual	T7 tractor	55 MPH	7.268E-07	1.872E-05	3.173E-06	1.558E-07	3.600E-08	6.174E-08	6.263E-07	7.241E-07	9.000E-09	2.646E-08	5.762E-07	6.117E-07	1.591E-03	1.591E-03
County	Fresno	2005	Annual	T7 tractor construction	55 MPH	7.354E-07	1.855E-05	3.240E-06	1.559E-07	3.600E-08	6.174E-08	6.459E-07	7.437E-07	9.000E-09	2.646E-08	5.943E-07	6.297E-07	1.592E-03	1.592E-03
County	Fresno	2005	Annual	T7 utility	55 MPH	2.875E-07	1.658E-05	1.330E-06	1.560E-07	3.600E-08	6.174E-08	3.948E-07	4.925E-07	9.000E-09	2.646E-08	3.632E-07	3.986E-07	1.593E-03	1.593E-03
County	Fresno	2005	Annual	T7IS	55 MPH	1.764E-06	1.094E-05	6.900E-05	7.197E-09	8.000E-09	3.675E-08	2.834E-09	4.758E-08	2.000E-09	1.575E-08	2.316E-09	2.007E-08	4.824E-04	4.824E-04
County	Fresno	2005	Annual	UBUS	55 MPH	4.346E-07	1.590E-05	4.940E-06	1.658E-07	8.000E-09	5.987E-07	1.333E-07	7.400E-07	2.000E-09	2.566E-07	1.226E-07	3.812E-07	1.980E-03	1.980E-03

County	Fresno	2005	Annual	All Other Buses	60 MPH	5.506E-07	1.218E-05	1.454E-06	1.087E-07	1.200E-08	1.303E-07	5.108E-07	6.532E-07	3.000E-09	5.586E-08	4.700E-07	5.288E-07	1.045E-03	1.045E-03
County	Fresno	2005	Annual	LDA	60 MPH	1.350E-07	4.348E-07	3.761E-06	3.464E-09	8.000E-09	3.675E-08	5.717E-09	5.047E-08	2.000E-09	1.575E-08	5.194E-09	2.294E-08	3.237E-04	3.237E-04
County	Fresno	2005	Annual	LDT1	60 MPH	3.839E-07	1.020E-06	9.630E-06	4.004E-09	8.000E-09	3.675E-08	9.754E-09	5.450E-08	2.000E-09	1.575E-08	8.615E-09	2.636E-08	3.698E-04	3.698E-04
County	Fresno	2005	Annual	LDT2	60 MPH	1.703E-07	7.618E-07	4.814E-06	4.674E-09	8.000E-09	3.675E-08	5.112E-09	4.986E-08	2.000E-09	1.575E-08	4.599E-09	2.235E-08	4.461E-04	4.461E-04
County	Fresno	2005	Annual	LHD1	60 MPH	1.478E-07	3.966E-06	3.080E-06	2.557E-08	9.671E-09	5.333E-08	1.572E-08	7.872E-08	2.418E-09	2.286E-08	1.446E-08	3.973E-08	5.363E-04	5.363E-04
County	Fresno	2005	Annual	LHD2	60 MPH	1.649E-07	5.194E-06	3.296E-06	3.286E-08	1.043E-08	6.857E-08	2.495E-08	1.040E-07	2.607E-09	2.939E-08	2.292E-08	5.491E-08	5.384E-04	5.384E-04
County	Fresno	2005	Annual	MCY	60 MPH	4.499E-06	1.588E-06	7.269E-05	2.171E-09	7.990E-09	3.669E-08	7.004E-09	5.169E-08	1.998E-09	1.572E-08	5.391E-09	2.311E-08	9.688E-05	9.688E-05
County	Fresno	2005	Annual	MDV	60 MPH	1.348E-07	7.257E-07	4.170E-06	5.771E-09	8.000E-09	3.675E-08	3.596E-09	4.835E-08	2.000E-09	1.575E-08	3.261E-09	2.101E-08	5.545E-04	5.545E-04
County	Fresno	2005	Annual	MH	60 MPH	4.588E-07	3.909E-06	2.196E-05	2.257E-08	8.607E-09	5.096E-08	4.449E-08	1.041E-07	2.152E-09	2.184E-08	4.066E-08	6.465E-08	6.157E-04	6.157E-04
County	Fresno	2005	Annual	Motor Coach	60 MPH	6.812E-07	1.917E-05	2.388E-06	1.550E-07	1.200E-08	1.303E-07	5.651E-07	7.074E-07	3.000E-09	5.586E-08	5.199E-07	5.788E-07	1.586E-03	1.586E-03
County	Fresno	2005	Annual	OBUS	60 MPH	2.565E-07	3.594E-06	8.692E-06	7.032E-09	8.000E-09	3.675E-08	1.679E-09	4.643E-08	2.000E-09	1.575E-08	1.526E-09	1.928E-08	5.412E-04	5.412E-04
County	Fresno	2005	Annual	PTO	60 MPH	1.230E-06	1.962E-05	7.062E-06	1.933E-07	0.000E+00	0.000E+00	1.021E-06	1.021E-06	0.000E+00	0.000E+00	9.393E-07	9.393E-07	2.181E-03	2.181E-03
County	Fresno	2005	Annual	SBUS	60 MPH	6.955E-07	1.019E-05	1.410E-05	9.472E-08	1.121E-08	6.053E-07	3.462E-07	9.628E-07	2.803E-09	2.594E-07	3.183E-07	5.806E-07	9.457E-04	9.457E-04
County	Fresno	2005	Annual	T6 Ag	60 MPH	5.276E-07	1.180E-05	1.403E-06	1.089E-07	1.200E-08	1.303E-07	5.121E-07	6.544E-07	3.000E-09	5.586E-08	4.711E-07	5.300E-07	1.048E-03	1.048E-03
County	Fresno	2005	Annual	T6 CAIRP heavy	60 MPH	3.421E-07	1.064E-05	9.763E-07	1.071E-07	1.200E-08	1.303E-07	3.724E-07	5.147E-07	3.000E-09	5.586E-08	3.426E-07	4.014E-07	1.030E-03	1.030E-03
County	Fresno	2005	Annual	T6 CAIRP small	60 MPH	2.565E-07	1.015E-05	7.795E-07	1.065E-07	1.200E-08	1.303E-07	3.103E-07	4.526E-07	3.000E-09	5.586E-08	2.854E-07	3.443E-07	1.025E-03	1.025E-03
County	Fresno	2005	Annual	T6 instate construction heavy	60 MPH	5.378E-07	1.180E-05	1.430E-06	1.084E-07	1.200E-08	1.303E-07	5.147E-07	6.571E-07	3.000E-09	5.586E-08	4.735E-07	5.324E-07	1.043E-03	1.043E-03
County	Fresno	2005	Annual	T6 instate construction small	60 MPH	3.428E-07	1.093E-05	9.765E-07	1.068E-07	1.200E-08	1.303E-07	3.646E-07	5.069E-07	3.000E-09	5.586E-08	3.354E-07	3.943E-07	1.027E-03	1.027E-03
County	Fresno	2005	Annual	T6 instate heavy	60 MPH	5.378E-07	1.180E-05	1.430E-06	1.084E-07	1.200E-08	1.303E-07	5.147E-07	6.571E-07	3.000E-09	5.586E-08	4.735E-07	5.324E-07	1.043E-03	1.043E-03
County	Fresno	2005	Annual	T6 instate small	60 MPH	3.428E-07	1.093E-05	9.765E-07	1.068E-07	1.200E-08	1.303E-07	3.646E-07	5.069E-07	3.000E-09	5.586E-08	3.354E-07	3.943E-07	1.027E-03	1.027E-03
County	Fresno	2005	Annual	T6 OOS heavy	60 MPH	3.421E-07	1.064E-05	9.763E-07	1.071E-07	1.200E-08	1.303E-07	3.724E-07	5.147E-07	3.000E-09	5.586E-08	3.426E-07	4.014E-07	1.030E-03	1.030E-03
County	Fresno	2005	Annual	T6 OOS small	60 MPH	2.565E-07	1.015E-05	7.795E-07	1.065E-07	1.200E-08	1.303E-07	3.103E-07	4.526E-07	3.000E-09	5.586E-08	2.854E-07	3.443E-07	1.025E-03	1.025E-03
County	Fresno	2005	Annual	T6 Public	60 MPH	3.134E-07	1.123E-05	8.357E-07	1.093E-07	1.200E-08	1.303E-07	3.685E-07	5.108E-07	3.000E-09	5.586E-08	3.390E-07	3.979E-07	1.052E-03	1.052E-03
County	Fresno	2005	Annual	T6 utility	60 MPH	1.748E-07	1.018E-05	5.226E-07	1.068E-07	1.200E-08	1.303E-07	2.589E-07	4.012E-07	3.000E-09	5.586E-08	2.382E-07	2.970E-07	1.027E-03	1.027E-03
County	Fresno	2005	Annual	T6TS	60 MPH	7.645E-07	5.161E-06	2.665E-05	7.423E-09	8.000E-09	3.675E-08	4.858E-09	4.961E-08	2.000E-09	1.575E-08	4.218E-09	2.197E-08	5.412E-04	5.412E-04
County	Fresno	2005	Annual	T7 Ag	60 MPH	8.488E-07	1.953E-05	3.371E-06	1.581E-07	3.600E-08	6.174E-08	8.042E-07	9.019E-07	9.000E-09	2.646E-08	7.399E-07	7.753E-07	1.617E-03	1.617E-03
County	Fresno	2005	Annual	T7 CAIRP	60 MPH	7.857E-07	1.956E-05	2.612E-06	1.546E-07	3.600E-08	6.174E-08	5.748E-07	6.725E-07	9.000E-09	2.646E-08	5.288E-07	5.642E-07	1.581E-03	1.581E-03
County	Fresno	2005	Annual	T7 CAIRP construction	60 MPH	7.857E-07	1.956E-05	2.612E-06	1.546E-07	3.600E-08	6.174E-08	5.748E-07	6.725E-07	9.000E-09	2.646E-08	5.288E-07	5.642E-07	1.581E-03	1.581E-03
County	Fresno	2005	Annual	T7 NNOOS	60 MPH	4.729E-07	1.419E-05	1.931E-06	1.542E-07	3.600E-08	6.174E-08	5.555E-07	6.532E-07	9.000E-09	2.646E-08	5.110E-07	5.465E-07	1.577E-03	1.577E-03
County	Fresno	2005	Annual	T7 NOOS	60 MPH	7.857E-07	1.956E-05	2.612E-06	1.546E-07	3.600E-08	6.174E-08	5.748E-07	6.725E-07	9.000E-09	2.646E-08	5.288E-07	5.642E-07	1.581E-03	1.581E-03
County	Fresno	2005	Annual	T7 other port	60 MPH	9.825E-07	2.160E-05	3.233E-06	1.535E-07	3.600E-08	6.174E-08	6.518E-07	7.495E-07	9.000E-09	2.646E-08	5.996E-07	6.351E-07	1.570E-03	1.570E-03
County	Fresno	2005	Annual	T7 POAK	60 MPH	1.016E-06	2.168E-05	3.397E-06	1.538E-07	3.600E-08	6.174E-08	6.936E-07	7.913E-07	9.000E-09	2.646E-08	6.381E-07	6.736E-07	1.573E-03	1.573E-03
County	Fresno	2005	Annual	T7 POLA	60 MPH	1.133E-06	2.106E-05	4.281E-06	1.576E-07	3.600E-08	6.174E-08	9.480E-07	1.046E-06	9.000E-09	2.646E-08	8.721E-07	9.076E-07	1.612E-03	1.612E-03
County	Fresno	2005	Annual	T7 Public	60 MPH	5.491E-07	1.819E-05	2.426E-06	1.617E-07	3.600E-08	6.174E-08	7.036E-07	8.013E-07	9.000E-09	2.646E-08	6.473E-07	6.827E-07	1.654E-03	1.654E-03
County	Fresno	2005	Annual	T7 Single	60 MPH	5.401E-07	1.665E-05	2.237E-06	1.564E-07	3.600E-08	6.174E-08	6.189E-07	7.167E-07	9.000E-09	2.646E-08	5.694E-07	6.049E-07	1.599E-03	1.599E-03
County	Fresno	2005	Annual	T7 single construction	60 MPH	5.401E-07	1.665E-05	2.237E-06	1.564E-07	3.600E-08	6.174E-08	6.189E-07	7.167E-07	9.000E-09	2.646E-08	5.694E-07	6.049E-07	1.599E-03	1.599E-03
County	Fresno	2005	Annual	T7 SWCV	60 MPH	5.156E-07	1.763E-05	2.173E-06	1.582E-07	3.600E-08	6.174E-08	6.194E-07	7.171E-07	9.000E-09	2.646E-08	5.699E-07	6.053E-07	1.618E-03	1.618E-03
County	Fresno	2005	Annual	T7 tractor	60 MPH	8.403E-07	1.909E-05	3.108E-06	1.558E-07	3.600E-08	6.174E-08	7.083E-07	8.060E-07	9.000E-09	2.646E-08	6.516E-07	6.871E-07	1.593E-03	1.593E-03
County	Fresno	2005	Annual	T7 tractor construction	60 MPH	8.459E-07	1.892E-05	3.168E-06	1.559E-07	3.600E-08	6.174E-08	7.268E-07	8.246E-07	9.000E-09	2.646E-08	6.687E-07	7.041E-07	1.595E-03	1.595E-03
County	Fresno	2005	Annual	T7 utility	60 MPH	3.229E-07	1.691E-05	1.301E-06	1.560E-07	3.600E-08	6.174E-08	4.414E-07	5.392E-07	9.000E-09	2.646E-08	4.061E-07	4.416E-07	1.596E-03	1.596E-03
County	Fresno	2005	Annual	T7IS	60 MPH	1.713E-06	1.138E-05	7.767E-05	7.197E-09	8.000E-09	3.675E-08	2.755E-09	4.750E-08	2.000E-09	1.575E-08	2.251E-09	2.000E-08	5.412E-04	5.412E-04
County	Fresno	2005	Annual	UBUS	60 MPH	4.333E-07	1.931E-05	5.531E-06	1.658E-07	8.000E-09	5.987E-07	1.348E-07	7.415E-07	2.000E-09	2.566E-07	1.240E-07	3.826E-07	1.997E-03	1.997E-03

County	Fresno	2005	Annual	All Other Buses	65 MPH	6.314E-07	1.253E-05	1.489E-06	1.087E-07	1.200E-08	1.303E-07	5.784E-07	7.207E-07	3.000E-09	5.586E-08	5.321E-07	5.910E-07	1.061E-03	1.061E-03
County	Fresno	2005	Annual	LDA	65 MPH	1.518E-07	4.618E-07	3.973E-06	3.464E-09	8.000E-09	3.675E-08	6.360E-09	5.111E-08	2.000E-09	1.575E-08	5.774E-09	2.352E-08	3.616E-04	3.616E-04
County	Fresno	2005	Annual	LDT1	65 MPH	4.334E-07	1.098E-06	1.079E-05	4.004E-09	8.000E-09	3.675E-08	1.083E-08	5.558E-08	2.000E-09	1.575E-08	9.545E-09	2.730E-08	4.130E-04	4.130E-04
County	Fresno	2005	Annual	LDT2	65 MPH	1.912E-07	8.151E-07	5.130E-06	4.674E-09	8.000E-09	3.675E-08	5.699E-09	5.045E-08	2.000E-09	1.575E-08	5.122E-09	2.287E-08	4.984E-04	4.984E-04
County	Fresno	2005	Annual	LHD1	65 MPH	1.592E-07	4.730E-06	3.848E-06	2.557E-08	9.671E-09	5.333E-08	1.578E-08	7.878E-08	2.418E-09	2.286E-08	1.451E-08	3.979E-08	5.948E-04	5.948E-04
County	Fresno	2005	Annual	LHD2	65 MPH	1.734E-07	6.222E-06	4.149E-06	3.286E-08	1.043E-08	6.857E-08	2.409E-08	1.031E-07	2.607E-09	2.939E-08	2.212E-08	5.411E-08	5.767E-04	5.767E-04
County	Fresno	2005	Annual	MCY	65 MPH	5.721E-06	1.643E-06	1.026E-04	2.171E-09	7.990E-09	3.669E-08	8.911E-09	5.359E-08	1.998E-09	1.572E-08	6.859E-09	2.458E-08	9.911E-05	9.911E-05
County	Fresno	2005	Annual	MDV	65 MPH	1.514E-07	7.757E-07	4.481E-06	5.771E-09	8.000E-09	3.675E-08	4.018E-09	4.877E-08	2.000E-09	1.575E-08	3.642E-09	2.139E-08	6.195E-04	6.195E-04
County	Fresno	2005	Annual	MH	65 MPH	4.665E-07	3.988E-06	2.578E-05	2.257E-08	8.607E-09	5.096E-08	5.148E-08	1.110E-07	2.152E-09	2.184E-08	4.708E-08	7.107E-08	7.031E-04	7.031E-04
County	Fresno	2005	Annual	Motor Coach	65 MPH	8.425E-07	1.967E-05	2.524E-06	1.550E-07	1.200E-08	1.303E-07	6.806E-07	8.229E-07	3.000E-09	5.586E-08	6.261E-07	6.850E-07	1.609E-03	1.609E-03
County	Fresno	2005	Annual	OBUS	65 MPH	2.654E-07	3.662E-06	1.033E-05	7.032E-09	8.000E-09	3.675E-08	1.701E-09	4.645E-08	2.000E-09	1.575E-08	1.546E-09	1.930E-08	6.415E-04	6.415E-04
County	Fresno	2005	Annual	PTO	65 MPH	1.230E-06	1.962E-05	7.062E-06	1.933E-07	0.000E+00	0.000E+00	1.021E-06	1.021E-06	0.000E+00	0.000E+00	9.393E-07	9.393E-07	2.181E-03	2.181E-03
County	Fresno	2005	Annual	SBUS	65 MPH	6.184E-07	1.009E-05	1.147E-05	9.472E-08	1.121E-08	6.053E-07	3.459E-07	9.624E-07	2.803E-09	2.594E-07	3.181E-07	5.803E-07	9.457E-04	9.457E-04
County	Fresno	2005	Annual	T6 Ag	65 MPH	6.003E-07	1.215E-05	1.433E-06	1.089E-07	1.200E-08	1.303E-07	5.756E-07	7.179E-07	3.000E-09	5.586E-08	5.295E-07	5.884E-07	1.063E-03	1.063E-03
County	Fresno	2005	Annual	T6 CAIRP heavy	65 MPH	4.070E-07	1.094E-05	1.025E-06	1.071E-07	1.200E-08	1.303E-07	4.390E-07	5.813E-07	3.000E-09	5.586E-08	4.039E-07	4.627E-07	1.046E-03	1.046E-03
County	Fresno	2005	Annual	T6 CAIRP small	65 MPH	3.166E-07	1.041E-05	8.348E-07	1.065E-07	1.200E-08	1.303E-07	3.771E-07	5.194E-07	3.000E-09	5.586E-08	3.469E-07	4.058E-07	1.040E-03	1.040E-03
County	Fresno	2005	Annual	T6 instate construction heavy	65 MPH	6.148E-07	1.215E-05	1.463E-06	1.084E-07	1.200E-08	1.303E-07	5.819E-07	7.242E-07	3.000E-09	5.586E-08	5.353E-07	5.942E-07	1.059E-03	1.059E-03
County	Fresno	2005	Annual	T6 instate construction small	65 MPH	4.148E-07	1.122E-05	1.032E-06	1.068E-07	1.200E-08	1.303E-07	4.360E-07	5.784E-07	3.000E-09	5.586E-08	4.011E-07	4.600E-07	1.043E-03	1.043E-03
County	Fresno	2005	Annual	T6 instate heavy	65 MPH	6.148E-07	1.215E-05	1.463E-06	1.084E-07	1.200E-08	1.303E-07	5.819E-07	7.242E-07	3.000E-09	5.586E-08	5.353E-07	5.942E-07	1.059E-03	1.059E-03
County	Fresno	2005	Annual	T6 instate small	65 MPH	4.148E-07	1.122E-05	1.032E-06	1.068E-07	1.200E-08	1.303E-07	4.360E-07	5.784E-07	3.000E-09	5.586E-08	4.011E-07	4.600E-07	1.043E-03	1.043E-03
County	Fresno	2005	Annual	T6 OOS heavy	65 MPH	4.070E-07	1.094E-05	1.025E-06	1.071E-07	1.200E-08	1.303E-07	4.390E-07	5.813E-07	3.000E-09	5.586E-08	4.039E-07	4.627E-07	1.046E-03	1.046E-03
County	Fresno	2005	Annual	T6 OOS small	65 MPH	3.166E-07	1.041E-05	8.348E-07	1.065E-07	1.200E-08	1.303E-07	3.771E-07	5.194E-07	3.000E-09	5.586E-08	3.469E-07	4.058E-07	1.040E-03	1.040E-03
County	Fresno	2005	Annual	T6 Public	65 MPH	3.522E-07	1.157E-05	8.491E-07	1.093E-07	1.200E-08	1.303E-07	4.120E-07	5.544E-07	3.000E-09	5.586E-08	3.791E-07	4.379E-07	1.067E-03	1.067E-03
County	Fresno	2005	Annual	T6 utility	65 MPH	2.102E-07	1.046E-05	5.532E-07	1.068E-07	1.200E-08	1.303E-07	3.097E-07	4.520E-07	3.000E-09	5.586E-08	2.849E-07	3.438E-07	1.042E-03	1.042E-03
County	Fresno	2005	Annual	T6TS	65 MPH	7.796E-07	5.255E-06	3.141E-05	7.423E-09	8.000E-09	3.675E-08	4.922E-09	4.967E-08	2.000E-09	1.575E-08	4.274E-09	2.202E-08	6.415E-04	6.415E-04
County	Fresno	2005	Annual	T7 Ag	65 MPH	9.896E-07	2.009E-05	3.433E-06	1.581E-07	3.600E-08	6.174E-08	9.012E-07	9.990E-07	9.000E-09	2.646E-08	8.291E-07	8.646E-07	1.641E-03	1.641E-03
County	Fresno	2005	Annual	T7 CAIRP	65 MPH	9.913E-07	2.007E-05	2.803E-06	1.546E-07	3.600E-08	6.174E-08	7.102E-07	8.079E-07	9.000E-09	2.646E-08	6.533E-07	6.888E-07	1.604E-03	1.604E-03
County	Fresno	2005	Annual	T7 CAIRP construction	65 MPH	9.913E-07	2.007E-05	2.803E-06	1.546E-07	3.600E-08	6.174E-08	7.102E-07	8.079E-07	9.000E-09	2.646E-08	6.533E-07	6.888E-07	1.604E-03	1.604E-03
County	Fresno	2005	Annual	T7 NNOOS	65 MPH	5.755E-07	1.458E-05	2.081E-06	1.542E-07	3.600E-08	6.174E-08	6.671E-07	7.649E-07	9.000E-09	2.646E-08	6.138E-07	6.492E-07	1.600E-03	1.600E-03
County	Fresno	2005	Annual	T7 NOOS	65 MPH	9.913E-07	2.007E-05	2.803E-06	1.546E-07	3.600E-08	6.174E-08	7.102E-07	8.079E-07	9.000E-09	2.646E-08	6.533E-07	6.888E-07	1.604E-03	1.604E-03
County	Fresno	2005	Annual	T7 other port	65 MPH	1.246E-06	2.215E-05	3.451E-06	1.535E-07	3.600E-08	6.174E-08	8.110E-07	9.088E-07	9.000E-09	2.646E-08	7.461E-07	7.816E-07	1.593E-03	1.593E-03
County	Fresno	2005	Annual	T7 POAK	65 MPH	1.279E-06	2.223E-05	3.607E-06	1.538E-07	3.600E-08	6.174E-08	8.538E-07	9.515E-07	9.000E-09	2.646E-08	7.855E-07	8.209E-07	1.597E-03	1.597E-03
County	Fresno	2005	Annual	T7 POLA	65 MPH	1.351E-06	2.166E-05	4.401E-06	1.576E-07	3.600E-08	6.174E-08	1.085E-06	1.182E-06	9.000E-09	2.646E-08	9.979E-07	1.033E-06	1.636E-03	1.636E-03
County	Fresno	2005	Annual	T7 Public	65 MPH	6.055E-07	1.879E-05	2.413E-06	1.617E-07	3.600E-08	6.174E-08	7.522E-07	8.499E-07	9.000E-09	2.646E-08	6.920E-07	7.274E-07	1.678E-03	1.678E-03
County	Fresno	2005	Annual	T7 Single	65 MPH	6.283E-07	1.714E-05	2.301E-06	1.564E-07	3.600E-08	6.174E-08	7.023E-07	8.001E-07	9.000E-09	2.646E-08	6.461E-07	6.816E-07	1.623E-03	1.623E-03
County	Fresno	2005	Annual	T7 single construction	65 MPH	6.283E-07	1.714E-05	2.301E-06	1.564E-07	3.600E-08	6.174E-08	7.023E-07	8.001E-07	9.000E-09	2.646E-08	6.461E-07	6.816E-07	1.623E-03	1.623E-03
County	Fresno	2005	Annual	T7 SWCV	65 MPH	5.879E-07	1.816E-05	2.201E-06	1.582E-07	3.600E-08	6.174E-08	6.870E-07	7.847E-07	9.000E-09	2.646E-08	6.320E-07	6.675E-07	1.642E-03	1.642E-03
County	Fresno	2005	Annual	T7 tractor	65 MPH	1.018E-06	1.962E-05	3.242E-06	1.558E-07	3.600E-08	6.174E-08	8.286E-07	9.263E-07	9.000E-09	2.646E-08	7.623E-07	7.977E-07	1.617E-03	1.617E-03
County	Fresno	2005	Annual	T7 tractor construction	65 MPH	1.020E-06	1.944E-05	3.297E-06	1.559E-07	3.600E-08	6.174E-08	8.460E-07	9.438E-07	9.000E-09	2.646E-08	7.783E-07	8.138E-07	1.618E-03	1.618E-03
County	Fresno	2005	Annual	T7 utility	65 MPH	3.806E-07	1.738E-05	1.347E-06	1.560E-07	3.600E-08	6.174E-08	5.093E-07	6.070E-07	9.000E-09	2.646E-08	4.685E-07	5.040E-07	1.620E-03	1.620E-03
County	Fresno	2005	Annual	T7IS	65 MPH	1.740E-06	1.180E-05	9.206E-05	7.197E-09	8.000E-09	3.675E-08	2.791E-09	4.754E-08	2.000E-09	1.575E-08	2.281E-09	2.003E-08	6.415E-04	6.415E-04
County	Fresno	2005	Annual	UBUS	65 MPH	6.101E-07	2.069E-05	8.873E-06	1.658E-07	8.000E-09	5.987E-07	1.296E-07	7.363E-07	2.000E-09	2.566E-07	1.192E-07	3.778E-07	2.012E-03	2.012E-03

County	Fresno	2005	Annual	All Other Buses	70 MPH	7.459E-07	1.301E-05	1.611E-06	1.087E-07	1.200E-08	1.303E-07	6.702E-07	8.125E-07	3.000E-09	5.586E-08	6.166E-07	6.754E-07	1.090E-03	1.090E-03
County	Fresno	2005	Annual	LDA	70 MPH	1.639E-07	4.799E-07	4.149E-06	3.464E-09	8.000E-09	3.675E-08	6.837E-09	5.159E-08	2.000E-09	1.575E-08	6.205E-09	2.396E-08	3.875E-04	3.875E-04
County	Fresno	2005	Annual	LDT1	70 MPH	4.683E-07	1.148E-06	1.165E-05	4.004E-09	8.000E-09	3.675E-08	1.161E-08	5.636E-08	2.000E-09	1.575E-08	1.023E-08	2.798E-08	4.427E-04	4.427E-04
County	Fresno	2005	Annual	LDT2	70 MPH	2.061E-07	8.497E-07	5.384E-06	4.674E-09	8.000E-09	3.675E-08	6.130E-09	5.088E-08	2.000E-09	1.575E-08	5.508E-09	2.326E-08	5.342E-04	5.342E-04
County	Fresno	2005	Annual	LHD1	70 MPH	1.925E-07	5.993E-06	5.498E-06	2.557E-08	9.671E-09	5.333E-08	1.639E-08	7.939E-08	2.418E-09	2.286E-08	1.508E-08	4.035E-08	6.889E-04	6.889E-04
County	Fresno	2005	Annual	LHD2	70 MPH	2.127E-07	7.822E-06	6.358E-06	3.286E-08	1.043E-08	6.857E-08	2.223E-08	1.012E-07	2.607E-09	2.939E-08	2.038E-08	5.238E-08	6.365E-04	6.365E-04
County	Fresno	2005	Annual	MCY	70 MPH	7.614E-06	1.697E-06	1.523E-04	2.171E-09	7.990E-09	3.669E-08	1.186E-08	5.655E-08	1.998E-09	1.572E-08	9.132E-09	2.685E-08	1.036E-04	1.036E-04
County	Fresno	2005	Annual	MDV	70 MPH	1.633E-07	8.082E-07	4.727E-06	5.771E-09	8.000E-09	3.675E-08	4.328E-09	4.908E-08	2.000E-09	1.575E-08	3.922E-09	2.167E-08	6.640E-04	6.640E-04
County	Fresno	2005	Annual	MH	70 MPH	5.255E-07	4.290E-06	3.364E-05	2.257E-08	8.607E-09	5.096E-08	6.187E-08	1.214E-07	2.152E-09	2.184E-08	5.662E-08	8.061E-08	8.446E-04	8.446E-04
County	Fresno	2005	Annual	Motor Coach	70 MPH	1.060E-06	2.032E-05	2.821E-06	1.550E-07	1.200E-08	1.303E-07	8.310E-07	9.733E-07	3.000E-09	5.586E-08	7.645E-07	8.233E-07	1.654E-03	1.654E-03
County	Fresno	2005	Annual	OBUS	70 MPH	3.566E-07	4.846E-06	1.653E-05	7.032E-09	8.000E-09	3.675E-08	1.797E-09	4.655E-08	2.000E-09	1.575E-08	1.604E-09	1.935E-08	8.034E-04	8.034E-04
County	Fresno	2005	Annual	PTO	70 MPH	1.230E-06	1.962E-05	7.062E-06	1.933E-07	0.000E+00	0.000E+00	1.021E-06	1.021E-06	0.000E+00	0.000E+00	9.393E-07	9.393E-07	2.181E-03	2.181E-03
County	Fresno	2005	Annual	SBUS	70 MPH	6.184E-07	1.009E-05	1.147E-05	9.472E-08	1.121E-08	6.053E-07	3.459E-07	9.624E-07	2.803E-09	2.594E-07	3.181E-07	5.803E-07	9.457E-04	9.457E-04
County	Fresno	2005	Annual	T6 Ag	70 MPH	7.044E-07	1.261E-05	1.545E-06	1.089E-07	1.200E-08	1.303E-07	6.620E-07	8.044E-07	3.000E-09	5.586E-08	6.091E-07	6.679E-07	1.092E-03	1.092E-03
County	Fresno	2005	Annual	T6 CAIRP heavy	70 MPH	4.965E-07	1.135E-05	1.133E-06	1.071E-07	1.200E-08	1.303E-07	5.252E-07	6.675E-07	3.000E-09	5.586E-08	4.832E-07	5.420E-07	1.075E-03	1.075E-03
County	Fresno	2005	Annual	T6 CAIRP small	70 MPH	3.979E-07	1.079E-05	9.395E-07	1.065E-07	1.200E-08	1.303E-07	4.617E-07	6.040E-07	3.000E-09	5.586E-08	4.247E-07	4.836E-07	1.069E-03	1.069E-03
County	Fresno	2005	Annual	T6 instate construction heavy	70 MPH	6.872E-07	1.214E-05	1.535E-06	1.084E-07	1.200E-08	1.303E-07	6.540E-07	7.964E-07	3.000E-09	5.586E-08	6.017E-07	6.606E-07	1.087E-03	1.087E-03
County	Fresno	2005	Annual	T6 instate construction small	70 MPH	4.700E-07	1.104E-05	1.096E-06	1.068E-07	1.200E-08	1.303E-07	5.145E-07	6.568E-07	3.000E-09	5.586E-08	4.733E-07	5.322E-07	1.071E-03	1.071E-03
County	Fresno	2005	Annual	T6 instate heavy	70 MPH	6.792E-07	1.213E-05	1.516E-06	1.084E-07	1.200E-08	1.303E-07	6.471E-07	7.894E-07	3.000E-09	5.586E-08	5.953E-07	6.542E-07	1.086E-03	1.086E-03
County	Fresno	2005	Annual	T6 instate small	70 MPH	4.687E-07	1.106E-05	1.090E-06	1.068E-07	1.200E-08	1.303E-07	5.112E-07	6.536E-07	3.000E-09	5.586E-08	4.703E-07	5.292E-07	1.071E-03	1.071E-03
County	Fresno	2005	Annual	T6 OOS heavy	70 MPH	4.965E-07	1.135E-05	1.133E-06	1.071E-07	1.200E-08	1.303E-07	5.252E-07	6.675E-07	3.000E-09	5.586E-08	4.832E-07	5.420E-07	1.075E-03	1.075E-03
County	Fresno	2005	Annual	T6 OOS small	70 MPH	3.979E-07	1.079E-05	9.395E-07	1.065E-07	1.200E-08	1.303E-07	4.617E-07	6.040E-07	3.000E-09	5.586E-08	4.247E-07	4.836E-07	1.069E-03	1.069E-03
County	Fresno	2005	Annual	T6 Public	70 MPH	4.090E-07	1.206E-05	9.100E-07	1.093E-07	1.200E-08	1.303E-07	4.694E-07	6.118E-07	3.000E-09	5.586E-08	4.319E-07	4.908E-07	1.096E-03	1.096E-03
County	Fresno	2005	Annual	T6 utility	70 MPH	2.588E-07	1.082E-05	6.153E-07	1.068E-07	1.200E-08	1.303E-07	3.747E-07	5.171E-07	3.000E-09	5.586E-08	3.448E-07	4.036E-07	1.071E-03	1.071E-03
County	Fresno	2005	Annual	T6TS	70 MPH	8.474E-07	6.309E-06	3.630E-05	7.423E-09	8.000E-09	3.675E-08	4.266E-09	4.902E-08	2.000E-09	1.575E-08	3.724E-09	2.147E-08	8.034E-04	8.034E-04
County	Fresno	2005	Annual	T7 Ag	70 MPH	1.186E-06	2.083E-05	3.696E-06	1.581E-07	3.600E-08	6.174E-08	1.035E-06	1.133E-06	9.000E-09	2.646E-08	9.523E-07	9.878E-07	1.686E-03	1.686E-03
County	Fresno	2005	Annual	T7 CAIRP	70 MPH	1.266E-06	2.075E-05	3.178E-06	1.546E-07	3.600E-08	6.174E-08	8.842E-07	9.819E-07	9.000E-09	2.646E-08	8.134E-07	8.489E-07	1.649E-03	1.649E-03
County	Fresno	2005	Annual	T7 CAIRP construction	70 MPH	1.266E-06	2.071E-05	3.178E-06	1.546E-07	3.600E-08	6.174E-08	8.842E-07	9.819E-07	9.000E-09	2.646E-08	8.134E-07	8.489E-07	1.649E-03	1.649E-03
County	Fresno	2005	Annual	T7 NNOOS	70 MPH	7.163E-07	1.516E-05	2.333E-06	1.542E-07	3.600E-08	6.174E-08	8.044E-07	9.022E-07	9.000E-09	2.646E-08	7.401E-07	7.756E-07	1.644E-03	1.644E-03
County	Fresno	2005	Annual	T7 NOOS	70 MPH	1.266E-06	2.075E-05	3.178E-06	1.546E-07	3.600E-08	6.174E-08	8.842E-07	9.819E-07	9.000E-09	2.646E-08	8.134E-07	8.489E-07	1.649E-03	1.649E-03
County	Fresno	2005	Annual	T7 other port	70 MPH	1.246E-06	2.205E-05	3.451E-06	1.535E-07	3.600E-08	6.174E-08	8.110E-07	9.088E-07	9.000E-09	2.646E-08	7.461E-07	7.816E-07	1.593E-03	1.593E-03
County	Fresno	2005	Annual	T7 POAK	70 MPH	1.279E-06	2.218E-05	3.607E-06	1.538E-07	3.600E-08	6.174E-08	8.538E-07	9.515E-07	9.000E-09	2.646E-08	7.855E-07	8.209E-07	1.597E-03	1.597E-03
County	Fresno	2005	Annual	T7 POLA	70 MPH	1.651E-06	2.243E-05	4.796E-06	1.576E-07	3.600E-08	6.174E-08	1.271E-06	1.369E-06	9.000E-09	2.646E-08	1.170E-06	1.205E-06	1.681E-03	1.681E-03
County	Fresno	2005	Annual	T7 Public	70 MPH	6.612E-07	1.937E-05	2.425E-06	1.617E-07	3.600E-08	6.174E-08	8.102E-07	9.080E-07	9.000E-09	2.646E-08	7.454E-07	7.809E-07	1.723E-03	1.723E-03
County	Fresno	2005	Annual	T7 Single	70 MPH	8.337E-07	1.847E-05	2.824E-06	1.564E-07	3.600E-08	6.174E-08	8.701E-07	9.679E-07	9.000E-09	2.646E-08	8.005E-07	8.360E-07	1.676E-03	1.676E-03
County	Fresno	2005	Annual	T7 single construction	70 MPH	8.350E-07	1.842E-05	2.848E-06	1.564E-07	3.600E-08	6.174E-08	8.759E-07	9.736E-07	9.000E-09	2.646E-08	8.058E-07	8.413E-07	1.676E-03	1.676E-03
County	Fresno	2005	Annual	T7 SWCV	70 MPH	7.254E-07	1.939E-05	2.432E-06	1.582E-07	3.600E-08	6.174E-08	7.946E-07	8.923E-07	9.000E-09	2.646E-08	7.310E-07	7.665E-07	1.694E-03	1.694E-03
County	Fresno	2005	Annual	T7 tractor	70 MPH	1.329E-06	2.069E-05	3.830E-06	1.558E-07	3.600E-08	6.174E-08	1.040E-06	1.138E-06	9.000E-09	2.646E-08	9.567E-07	9.921E-07	1.666E-03	1.666E-03
County	Fresno	2005	Annual	T7 tractor construction	70 MPH	1.356E-06	2.069E-05	3.984E-06	1.559E-07	3.600E-08	6.174E-08	1.077E-06	1.175E-06	9.000E-09	2.646E-08	9.912E-07	1.027E-06	1.670E-03	1.670E-03
County	Fresno	2005	Annual	T7 utility	70 MPH	4.608E-07	1.801E-05	1.468E-06	1.560E-07	3.600E-08	6.174E-08	5.984E-07	6.961E-07	9.000E-09	2.646E-08	5.505E-07	5.860E-07	1.664E-03	1.664E-03
County	Fresno	2005	Annual	T7IS	70 MPH	3.088E-06	2.010E-05	1.657E-04	7.197E-09	8.000E-09	3.675E-08	3.278E-09	4.803E-08	2.000E-09	1.575E-08	2.786E-09	2.054E-08	8.034E-04	8.034E-04
County	Fresno	2005	Annual	UBUS	70 MPH	6.101E-07	2.069E-05	8.873E-06	1.658E-07	8.000E-09	5.987E-07	1.296E-07	7.363E-07	2.000E-09	2.566E-07	1.192E-07	3.778E-07	2.012E-03	2.012E-03

Fresno 2012 - all Model Years

g/mile

Region_Type	Region	CalYr	Season	Veh	Speed	ROG_RUNEX	NOx_RUNEX	CO_RUNEX	SOx_RUNEX	PM10_PMTW	PM10_PMBW	PM10_RUNEX	PM10_Total	PM2_5_PMTW	PM2_5_PMBW	PM2_5_RUNEX	PM2_5_Total	CO2_RUNEX	CO2(Pavley I + LCFS)_RUNEX	VMT from EMFAC-SG	%VMT Total	%VMT SpdBin
County	Fresno	2012	Annual	All Other Buses	05 MPH	4.83069839	26.4951229	6.47185548	0.01150848	0.01199994	0.13033932	1.2190261	1.36E+00	0.00299998	0.05585971	1.12150401	1.18E+00	2621.0	2607.89786	106	0.0004%	0.2455%
County	Fresno	2012	Annual	LDA	05 MPH	0.32947222	0.29765896	4.37601939	0.00335818	0.00799996	0.03674982	0.01531754	6.01E-02	0.00199999	0.01574992	0.01397682	3.17E-02	1120.05139	1050.63221	1,094	0.0045%	2.5316%
County	Fresno	2012	Annual	LDT1	05 MPH	0.79923806	0.7976159	10.9970882	0.00389998	0.00799996	0.03674982	0.03173271	7.65E-02	0.00199999	0.01574992	0.02888946	4.66E-02	1289.143	1217.13887	158	0.0007%	0.3662%
County	Fresno	2012	Annual	LDT2	05 MPH	0.46914252	0.62869394	6.31378744	0.00459063	0.00799996	0.03674982	0.01675964	6.15E-02	0.00199999	0.01574992	0.015259	3.30E-02	1532.79431	1465.22702	405	0.0017%	0.9385%
County	Fresno	2012	Annual	LHD1	05 MPH	0.7743115	3.01606452	8.22587383	0.00795032	0.0095223	0.05185527	0.05380089	1.15E-01	0.0023793	0.02220204	0.04949267	7.41E-02	1756.875	1748.09062	26,458	0.1096%	61.2442%
County	Fresno	2012	Annual	LHD2	05 MPH	0.6452058	4.46135662	6.789667	0.0068051	0.01049192	0.06941324	0.07791847	1.58E-01	0.00261732	0.0296213	0.07156358	1.04E-01	1274.9472	1268.57246	3,876	0.0161%	8.9731%
County	Fresno	2012	Annual	MCY	05 MPH	5.07419416	1.16119477	32.560204	0.00221582	0.00799895	0.0367435	0.00179058	4.65E-02	0.00199999	0.01574992	0.00142193	1.92E-02	248.750938	247.507183	16	0.0001%	0.0377%
County	Fresno	2012	Annual	MDV	05 MPH	0.55704659	0.88178165	7.2414444	0.00578263	0.00799996	0.03674982	0.01640589	6.12E-02	0.00199999	0.01574992	0.01507487	3.28E-02	1932.07811	1876.88802	441	0.0018%	1.0209%
County	Fresno	2012	Annual	MH	05 MPH	1.97128703	4.66441328	37.3134669	0.00786629	0.00873661	0.05398566	0.14683793	2.10E-01	0.00217782	0.02288268	0.13450033	1.60E-01	2488.66599	2476.22266	390	0.0016%	0.9026%
County	Fresno	2012	Annual	Motor Coach	05 MPH	6.47258198	36.610961	11.2548062	0.01658573	0.01199994	0.13033932	1.08439719	1.23E+00	0.00299998	0.05585971	0.99764542	1.06E+00	4015.38952	3995.31257	48	0.0002%	0.1115%
County	Fresno	2012	Annual	OBUS	05 MPH	1.65584693	1.47720531	22.711432	0.00694769	0.00799996	0.03674981	0.00705243	5.18E-02	0.00199999	0.01574992	0.00644193	2.42E-02	2513.49715	2500.92967	208	0.0009%	0.4807%
County	Fresno	2012	Annual	PTO	05 MPH	0.82249975	14.047218	3.89516321	0.02044152			0.4828081	4.83E-01			0.44418345	4.44E-01	2148.30116	2137.55965		0.0000%	0.0000%
County	Fresno	2012	Annual	SBUS	05 MPH	6.6475964	22.6191346	54.2504651	0.01126639	0.01095009	0.55895962	1.03344279	1.60E+00	0.00266314	0.21698253	0.9491135	1.17E+00	2596.08414	2583.10372	198	0.0008%	0.4582%
County	Fresno	2012	Annual	T6 Ag	05 MPH	5.94000057	26.6064608	7.37860955	0.01155563	0.01199994	0.13033932	1.64253722	1.78E+00	0.00299998	0.05585971	1.51113424	1.57E+00	2631.74325	2618.58453	233	0.0010%	0.5397%
County	Fresno	2012	Annual	T6 CAIRP heavy	05 MPH	3.0649399	19.0664518	4.51859539	0.01143721	0.01199994	0.13033932	0.6572458	8.00E-01	0.00299998	0.05585971	0.60466614	6.64E-01	2604.77326	2591.74939	8	0.0000%	0.0189%
County	Fresno	2012	Annual	T6 CAIRP small	05 MPH	2.54964683	15.1765383	4.0207298	0.01142733	0.01199994	0.13033932	0.42282303	5.65E-01	0.00299998	0.05585971	0.38899719	4.48E-01	2602.52179	2589.50918	27	0.0001%	0.0633%
County	Fresno	2012	Annual	T6 instate construction heavy	05 MPH	5.26419129	28.3164761	6.97659198	0.01144287	0.01199994	0.13033932	1.49431481	1.64E+00	0.00299998	0.05585971	1.37476963	1.43E+00	2606.06139	2593.03108	132	0.0005%	0.3065%
County	Fresno	2012	Annual	T6 instate construction small	05 MPH	4.01174839	22.0323648	5.75448961	0.01142616	0.01199994	0.13033932	0.94285069	1.09E+00	0.00299998	0.05585971	0.86742263	9.26E-01	2602.25667	2589.24539	340	0.0014%	0.7865%
County	Fresno	2012	Annual	T6 instate heavy	05 MPH	5.15382851	27.6502724	6.8406698	0.01143815	0.01199994	0.13033932	1.45732313	1.60E+00	0.00299998	0.05585971	1.34073728	1.40E+00	2604.98626	2591.96133	510	0.0021%	1.1801%
County	Fresno	2012	Annual	T6 instate small	05 MPH	3.88728078	21.25959	5.58806196	0.01141972	0.01199994	0.13033932	0.90644372	1.05E+00	0.00299998	0.05585971	0.83392822	8.93E-01	2600.78923	2587.78528	1,327	0.0055%	3.0720%
County	Fresno	2012	Annual	T6 OOS heavy	05 MPH	3.0649399	19.0664518	4.51859538	0.01143721	0.01199994	0.13033932	0.6572458	8.00E-01	0.00299998	0.05585971	0.60466614	6.64E-01	2604.77326	2591.74939	5	0.0000%	0.0108%
County	Fresno	2012	Annual	T6 OOS small	05 MPH	2.54964683	15.1765383	4.0207298	0.01142733	0.01199994	0.13033932	0.42282303	5.65E-01	0.00299998	0.05585971	0.38899719	4.48E-01	2602.52179	2589.50918	16	0.0001%	0.0363%
County	Fresno	2012	Annual	T6 Public	05 MPH	3.37612506	25.6457014	4.22428621	0.01152473	0.01199994	0.13033932	1.1657867	1.31E+00	0.00299998	0.05585971	1.07252376	1.13E+00	2624.70557	2611.58204	57	0.0002%	0.1329%
County	Fresno	2012	Annual	T6 utility	05 MPH	1.86551529	19.7672763	2.77138196	0.01142875	0.01199994	0.13033932	0.52695426	6.69E-01	0.00299998	0.05585971	0.48479791	5.44E-01	2602.84692	2589.83269	13	0.0001%	0.0292%
County	Fresno	2012	Annual	T6TS	05 MPH	2.98526141	1.51944734	43.761022	0.00704669	0.00799996	0.03674981	0.01755583	6.23E-02	0.00199999	0.01574992	0.01528798	3.30E-02	2513.49744	2500.92995	530	0.0022%	1.2268%
County	Fresno	2012	Annual	T7 Ag	05 MPH	9.48475718	45.9446126	15.8581641	0.01675061	0.03599981	0.06173968	2.41259816	2.51E+00	0.00899995	0.02645986	2.21959031	2.26E+00	4055.30573	4035.0292	217	0.0009%	0.5024%
County	Fresno	2012	Annual	T7 CAIRP	05 MPH	6.99333022	32.1795173	12.9199625	0.0166066	0.03599981	0.06173968	0.78693402	8.85E-01	0.00899995	0.02645986	0.7239793	7.59E-01	4020.44053	4000.33833	1,362	0.0056%	3.1526%
County	Fresno	2012	Annual	T7 CAIRP construction	05 MPH	7.08050289	32.6704784	13.0759552	0.01661087	0.03599981	0.06173968	0.79985022	8.98E-01	0.00899995	0.02645986	0.7358622	7.71E-01	4021.47646	4001.36908	33	0.0001%	0.0768%
County	Fresno	2012	Annual	T7 NNOOS	05 MPH	4.64300957	19.5533297	8.78951557	0.0165322	0.03599981	0.06173968	0.38736179	4.85E-01	0.00899995	0.02645986	0.35637285	3.92E-01	4002.42983	3982.41768	1,532	0.0063%	3.5466%
County	Fresno	2012	Annual	T7 NOOS	05 MPH	6.88291262	32.1795173	12.754337	0.01660883	0.03599981	0.06173968	0.75921476	8.57E-01	0.00899995	0.02645986	0.69847758	7.34E-01	4020.9822	4000.87729	496	0.0021%	1.1481%
County	Fresno	2012	Annual	T7 other port	05 MPH	3.37315321	50.5352818	6.02502453	0.01677273	0.03599981	0.06173968	0.47229675	5.70E-01	0.00899995	0.02645986	0.43451301	4.70E-01	4060.66039	4040.35708	26	0.0001%	0.0591%
County	Fresno	2012	Annual	T7 POAK	05 MPH	3.22214066	53.0970178	5.61110358	0.01678736	0.03599981	0.06173968	0.49437361	5.92E-01	0.00899995	0.02645986	0.45482372	4.90E-01	4064.20275	4043.88174	71	0.0003%	0.1646%
County	Fresno	2012	Annual	T7 POLA	05 MPH	4.40573451	27.1279668	8.68776399	0.01683694	0.03599981	0.06173968	0.17923564	2.77E-01	0.00899995	0.02645986	0.16489679	2.00E-01	4076.2063	4055.82527	118	0.0005%	0.2726%
County	Fresno	2012	Annual	T7 Public	05 MPH	6.14983943	45.5287719	10.4163438	0.01689721	0.03599981	0.06173968	2.28499196	2.38E+00	0.00899995	0.02645986	2.10219261	2.14E+00	4090.79864	4070.34464	18	0.0001%	0.0421%
County	Fresno	2012	Annual	T7 Single	05 MPH	6.02946589	36.4144502	9.93811555	0.01653934	0.03599981	0.06173968	1.41269725	1.51E+00	0.00899995	0.02645986	1.29968147	1.34E+00	4004.1568	3984.13601	125	0.0005%	0.2899%
County	Fresno	2012	Annual	T7 single construction	05 MPH	6.12410607	37.1572826	10.0804485	0.01654317	0.03599981	0.06173968	1.44315105	1.54E+00	0.00899995	0.02645986	1.32769896	1.36E+00	4005.08456	3985.05914	86	0.0004%	0.1986%
County	Fresno	2012	Annual	T7 SWCV	05 MPH	1.31273137	40.2608896	2.32049449	0.01691597	0.03599981	0.06173968	0.28415552	3.82E-01	0.00899995	0.02645986	0.26142308	2.97E-01	4095.33912	4074.86243	38	0.0002%	0.0875%
County	Fresno	2012	Annual	T7 tractor	05 MPH	9.22861905	39.9103359	15.6968823	0.01661236	0.03599981	0.06173968	1.78545202	1.88E+00	0.00899995	0.02645986	1.64261586	1.68E+00	4021.83632	4001.72714	1,936	0.0080%	4.4810%
County	Fresno	2012	Annual	T7 tractor construction	05 MPH	9.73977038	41.1050075	16.4039236	0.01661071	0.03599981	0.06173968	1.95930282	2.06E+00	0.00899995	0.02645986	1.80255859	1.84E+00	4021.43558	4001.3284	64	0.0003%	0.1481%
County	Fresno	2012	Annual	T7 utility	05 MPH	3.45118362	36.2266785	5.87923961	0.01658775	0.03599981	0.06173968	0.97656207	1.07E+00	0.00899995	0.02645986	0.89843711	9.34E-01	4015.87876	3995.79937	3	0.0000%	0.0064%
County	Fresno	2012	Annual	T7IS	05 MPH	7.04612142	4.57732269	168.001986	0.00644268	0.00799996	0.03674982	0.0075447	5.23E-02	0.00199999	0.01574992	0.00627177	2.40E-02	2513.49697	2500.92948	37	0.0002%	0.0868%
County	Fresno	2012	Annual	UBUS	05 MPH	2.32568144	21.602543	19.4763839	0.01963034	0.00799996	0.60947974	0.56344614	1.18E+00	0.00199999	0.26120559	0.51827961	7.81E-01	2550.38276	2537.63085	442	0.0018%	1.0233%
																				43,200	0.18%	100%

County	Fresno	2012	Annual	All Other Buses	10 MPH	2.9169164	18.7095061	4.66989712	0.01150848	0.01199994	0.13033932	0.87846811	1.02E+00	0.00299998	0.05585971	0.80819066	8.67E-01	2165.1532	2154.32744	528	0.0022%	0.3904%
County	Fresno	2012	Annual	LDA	10 MPH	0.21996742	0.25826224	3.67136047	0.00335818	0.00799996	0.03674982	0.00996668	5.47E-02	0.00199999	0.01574992	0.00908305	2.68E-02	835.705883	783.8875	2,039	0.0085%	1.5084%
County	Fresno	2012	Annual	LDT1	10 MPH	0.54306402	0.67102463	8.96813011	0.00389998	0.00799996	0.03674981	0.0210361	6.58E-02	0.00199999	0.01574992	0.01913247	3.69E-02	961.231261	907.505348	295	0.0012%	0.2182%
County	Fresno	2012	Annual	LDT2	10 MPH	0.31417213	0.534882	5.30588402	0.00459063	0.00799996	0.03674981	0.0109024	5.57E-02	0.00199999	0.01574992	0.00991279	2.77E-02	1143.1156	1092.70436	756	0.0031%	0.5592%
County	Fresno	2012	Annual	LHD1	10 MPH	0.63965241	2.77180817	6.68003527	0.00795032	0.00951721	0.05180477	0.04696996	1.08E-01	0.0023793	0.02220204	0.04320902	6.78E-02	1461.18693	1453.88099	74,228	0.3076%	54.9009%
County	Fresno	2012	Annual	LHD2	10 MPH	0.54440677	4.0658165	5.52039577	0.0068051	0.01046927	0.06911637	0.06848465	1.48E-01	0.00261732	0.0296213	0.06290811	9.51E-02	1094.97653	1089.50165	11,516	0.0477%	8.5175%
County	Fresno	2012	Annual	MCY	10 MPH	4.40411102	1.14580725	29.3211141	0.00221582	0.00799996	0.03674981	0.0015748	4.63E-02	0.00199999	0.01574992	0.00124958	1.90E-02	227.581585	226.443677	30	0.0001%	0.0225%
County	Fresno	2012	Annual	MDV	10 MPH	0.36896809	0.7452829	6.16462644	0.00578263	0.00799996	0.03674981	0.01062807	5.54E-02	0.00199999	0.01574992	0.00975856	2.75E-02	1440.85697	1399.6806	822	0.0034%	0.6082%
County	Fresno	2012	Annual	MH	10 MPH	1.57389509	4.06370338	30.237951	0.00786629	0.00871128	0.05339292	0.12236208	1.84E-01	0.00217782	0.02288268	0.11209755	1.37E-01	2058.91098	2048.61642	1,957	0.0081%	1.4472%
County	Fresno	2012	Annual	Motor Coach	10 MPH	3.80606437	25.9690177	7.6906851	0.01658573	0.01199994	0.13033932	0.7994588	9.42E-01	0.00299998	0.05585971	0.73550209	7.94E-01	3317.02554	3300.44041	184	0.0008%	0.1361%
County	Fresno	2012	Annual	OBUS	10 MPH	1.334794	1.51579931	18.3913493	0.00694769	0.00799996	0.03674982	0.0056792	5.04E-02	0.00199999	0.01574992	0.00518757	2.29E-02	2036.12816	2025.94752	1,044	0.0043%	0.7722%
County	Fresno	2012	Annual	PTO	10 MPH	0.82249975	14.047218	3.89516321	0.02044152			0.4828081	4.83E-01			0.44418345	4.44E-01	2148.30116	2137.55965		0.0000%	0.0000%
County	Fresno	2012	Annual	SBUS	10 MPH	4.72019926	15.8857504	43.6705591	0.01126639	0.01065255	0.50629256	0.72846555	1.25E+00	0.00266314	0.21698253	0.66885647	8.89E-01	2134.01292	2123.34285	694	0.0029%	0.5131%
County	Fresno	2012	Annual	T6 Ag	10 MPH	3.64829333	18.7756617	5.57443186	0.01155563	0.01199994	0.13033932	1.17726106	1.32E+00	0.00299998	0.05585971	1.08308018	1.14E+00	2174.02559	2163.15547	1,161	0.0048%	0.8583%
County	Fresno	2012	Annual	T6 CAIRP heavy	10 MPH	1.80545169	13.468743	3.10698637	0.01143721	0.01199994	0.13033932	0.46965839	6.12E-01	0.00299998	0.05585971	0.43208572	4.91E-01	2151.74627	2140.98754	41	0.0002%	0.0301%
County	Fresno	2012	Annual	T6 CAIRP small	10 MPH	1.49134923	11.0110773	2.66299003	0.01142733	0.01199994	0.13033932	0.31400036	4.56E-01	0.00299998	0.05585971	0.28888033	3.48E-01	2149.88638	2139.13695	136	0.0006%	0.1006%
County	Fresno	2012	Annual	T6 instate construction heavy	10 MPH	3.13120841	19.456008	5.10437163	0.01144287	0.01199994	0.13033932	1.03363414	1.18E+00	0.00299998	0.05585971	0.95094341	1.01E+00	2152.81037	2142.04631	659	0.0027%	0.4875%
County	Fresno	2012	Annual	T6 instate construction small	10 MPH	2.36067395	15.5325283	4.01550207	0.01142616	0.01199994	0.13033932	0.66695561	8.09E-01	0.00299998	0.05585971	0.61359916	6.72E-01	2149.66737	2138.91904	1,691	0.0070%	1.2509%
County	Fresno	2012	Annual	T6 instate heavy	10 MPH	3.06523601	19.0027744	5.00056234	0.01143815	0.01199994	0.13033932	1.00820064	1.15E+00	0.00299998	0.05585971	0.92754459	9.86E-01	2151.92223	2141.16262	2,538	0.0105%	1.8770%
County	Fresno	2012	Annual	T6 instate small	10 MPH	2.28719263	14.9927455	3.8946278	0.01141972	0.01199994	0.13033932	0.641463	7.84E-01	0.00299998	0.05585971	0.59014596	6.49E-01	2148.45515	2137.71287	6,606	0.0274%	4.8858%
County	Fresno	2012	Annual	T6 OOS heavy	10 MPH	1.80545169	13.468743	3.10698637	0.01143721	0.01199994	0.13033932	0.46965839	6.12E-01	0.00299998	0.05585971	0.43208572	4.91E-01	2151.74627	2140.98754	23	0.0001%	0.0172%
County	Fresno	2012	Annual	T6 OOS small	10 MPH	1.49134923	11.0110773	2.66299003	0.01142733	0.01199994	0.13033932	0.31400036	4.56E-01	0.00299998	0.05585971	0.28888033	3.48E-01	2149.88638	2139.13695	78	0.0003%	0.0577%
County	Fresno	2012	Annual	T6 Public	10 MPH	2.06282682	17.8839914	3.18362516	0.01152473	0.01199994	0.13033932	0.82481406	9.67E-01	0.00299998	0.05585971	0.75882893	8.18E-01	2168.21192	2157.37086	286	0.0012%	0.2114%
County	Fresno	2012	Annual	T6 utility	10 MPH	1.09301987	13.8029028	1.90335074	0.01142875	0.01199994	0.13033932	0.37263872	5.15E-01	0.00299998	0.05585971	0.34282762	4.02E-01	2150.15497	2139.40419	63	0.0003%	0.0464%
County	Fresno	2012	Annual	T6TS	10 MPH	2.4061398	1.55920097	35.4491613	0.00704669	0.00799996	0.03674981	0.0141374	5.89E-02	0.00199999	0.01574992	0.01231114	3.01E-02	2036.12813	2025.94749	2,664	0.0110%	1.9706%
County	Fresno	2012	Annual	T7 Ag	10 MPH	5.74196444	32.1530811	11.9770643	0.01675061	0.03599981	0.06173968	1.73107803	1.83E+00	0.00899995	0.02645986	1.59259179	1.63E+00	3349.99945	3333.24945	829	0.0034%	0.6132%
County	Fresno	2012	Annual	T7 CAIRP	10 MPH	4.08166421	23.5353148	8.39784714	0.0166066	0.03599981	0.06173968	0.61466027	7.12E-01	0.00899995	0.02645986	0.56548745	6.01E-01	3321.19807	3304.59208	5,203	0.0216%	3.8480%
County	Fresno	2012	Annual	T7 CAIRP construction	10 MPH	4.13261155	23.8922983	8.50106146	0.01661087	0.03599981	0.06173968	0.62465504	7.22E-01	0.00899995	0.02645986	0.57468264	6.10E-01	3322.05383	3305.44356	127	0.0005%	0.0937%
County	Fresno	2012	Annual	T7 NNOOS	10 MPH	2.70592283	14.4359226	5.61305171	0.0165322	0.03599981	0.06173968	0.31288118	4.11E-01	0.00899995	0.02645986	0.28785069	3.23E-01	3306.31982	3289.78822	5,853	0.0243%	4.3289%
County	Fresno	2012	Annual	T7 NOOS	10 MPH	4.01678742	23.5353148	8.2719664	0.01660883	0.03599981	0.06173968	0.59625208	6.94E-01	0.00899995	0.02645986	0.54855192	5.84E-01	3321.64554	3305.03731	1,895	0.0079%	1.4014%
County	Fresno	2012	Annual	T7 other port	10 MPH	1.969015	35.3581946	3.97477559	0.01677273	0.03599981	0.06173968	0.36359735	4.61E-01	0.00899995	0.02645986	0.33450956	3.70E-01	3354.42282	3337.6507	98	0.0004%	0.0721%
County	Fresno	2012	Annual	T7 POAK	10 MPH	1.88243164	36.8000054	3.76062885	0.01678736	0.03599981	0.06173968	0.37022207	4.68E-01	0.00899995	0.02645986	0.34060431	3.76E-01	3357.34909	3340.56234	272	0.0011%	0.2010%
County	Fresno	2012	Annual	T7 POLA	10 MPH	2.56367324	20.121159	5.43464994	0.01683694	0.03599981	0.06173968	0.15738376	2.55E-01	0.00899995	0.02645986	0.14479306	1.80E-01	3367.26496	3350.42863	450	0.0019%	0.3327%
County	Fresno	2012	Annual	T7 Public	10 MPH	3.81311944	31.9500212	8.27480851	0.01689721	0.03599981	0.06173968	1.64644256	1.74E+00	0.00899995	0.02645986	1.51472715	1.55E+00	3379.31937	3362.42277	70	0.0003%	0.0514%
County	Fresno	2012	Annual	T7 Single	10 MPH	3.54259115	25.0846694	7.0838285	0.01653934	0.03599981	0.06173968	0.97723177	1.07E+00	0.00899995	0.02645986	0.89905323	9.35E-01	3307.74644	3291.2077	478	0.0020%	0.3539%
County	Fresno	2012	Annual	T7 single construction	10 MPH	3.59843382	25.590355	7.19232481	0.01654317	0.03599981	0.06173968	0.99808762	1.10E+00	0.00899995	0.02645986	0.91824061	9.54E-01	3308.51284	3291.97028	328	0.0014%	0.2424%
County	Fresno	2012	Annual	T7 SWCV	10 MPH	0.78270838	28.0607762	1.64123672	0.01691597	0.03599981	0.06173968	0.20313694	3.01E-01	0.00899995	0.02645986	0.18688599	2.22E-01	3383.07016	3366.15481	144	0.0006%	0.1068%
County	Fresno	2012	Annual	T7 tractor	10 MPH	5.46115937	28.1999285	11.1113066	0.01661236	0.03599981	0.06173968	1.28031402	1.38E+00	0.00899995	0.02645986	1.1778889	1.21E+00	3322.35111	3305.73935	7,395	0.0306%	5.4695%
County	Fresno	2012	Annual	T7 tractor construction	10 MPH	5.76716329	28.9121308	11.7111355	0.01661071	0.03599981	0.06173968	1.39438164	1.49E+00	0.00899995	0.02645986	1.28283111	1.32E+00	3322.02006	3305.40996	244	0.0010%	0.1807%
County	Fresno	2012	Annual	T7 utility	10 MPH	2.02937806	25.0989661	4.13036222	0.01658775	0.03599981	0.06173968	0.684593	7.82E-01	0.00899995	0.02645986	0.62982556	6.65E-01	3317.42969	3300.84255	11	0.0000%	0.0078%
County	Fresno	2012	Annual	T7IS	10 MPH	5.68722237	4.66530526	135.884083	0.00644268	0.00799996	0.03674982	0.00607561	5.08E-02	0.00199999	0.01574992	0.00505054	2.28E-02	2036.12805	2025.94741	183	0.0008%	0.1355%
County	Fresno	2012	Annual	UBUS	10 MPH	1.92417291	18.8963836	15.6034691	0.01963034	0.00799996	0.60947975	0.47772379	1.10E+00	0.00199999	0.26120559	0.43943274	7.03E-01	2412.61758	2400.55449	1,587	0.0066%	1.1735%
																				135,203	0.56%	100%

County	Fresno	2012	Annual	All Other Buses	15 MPH	1.55090069	13.3383374	3.30637819	0.01150848	0.01199994	0.13033932	0.6162856	7.59E-01	0.00299998	0.05585971	0.56698275	6.26E-01	1777.77847	1768.88957	712	0.0030%	0.2778%
County	Fresno	2012	Annual	LDA	15 MPH	0.15500752	0.22934567	3.19525571	0.00335818	0.00799996	0.03674982	0.0068112	5.16E-02	0.00199999	0.01574992	0.00619976	2.39E-02	648.292374	608.076931	2,665	0.0110%	1.0396%
County	Fresno	2012	Annual	LDT1	15 MPH	0.38864264	0.58212012	7.60787487	0.00389998	0.00799996	0.03674981	0.01463998	5.94E-02	0.00199999	0.01574992	0.01330249	3.11E-02	745.088202	703.407797	386	0.0016%	0.1504%
County	Fresno	2012	Annual	LDT2	15 MPH	0.22196129	0.46713422	4.61693095	0.00459063	0.00799996	0.03674981	0.00746442	5.22E-02	0.00199999	0.01574992	0.00677795	2.45E-02	886.313195	847.205782	988	0.0041%	0.3854%
County	Fresno	2012	Annual	LHD1	15 MPH	0.45080641	2.41004086	4.59885171	0.00795032	0.00951721	0.05180477	0.03655259	9.79E-02	0.0023793	0.02220204	0.03362615	5.82E-02	1062.47243	1057.16007	166,324	0.6892%	64.8704%
County	Fresno	2012	Annual	LHD2	15 MPH	0.39928144	3.47572962	3.81696136	0.0068051	0.01046927	0.06911637	0.05389181	1.33E-01	0.00261732	0.0296213	0.04951506	8.18E-02	852.298565	848.037072	25,497	0.1056%	9.9443%
County	Fresno	2012	Annual	MCY	15 MPH	3.46632098	1.13355763	24.9266084	0.00221582	0.00799996	0.03674981	0.00126176	4.60E-02	0.00199999	0.01574992	0.00099977	1.87E-02	194.016134	193.046054	40	0.0002%	0.0155%
County	Fresno	2012	Annual	MDV	15 MPH	0.25851784	0.64691797	5.41848179	0.00578263	0.00799996	0.03674981	0.00724729	5.20E-02	0.00199999	0.01574992	0.00664955	2.44E-02	1117.11661	1085.17434	1,075	0.0045%	0.4192%
County	Fresno	2012	Annual	MH	15 MPH	1.01551468	3.1712967	20.6982498	0.00786629	0.00871128	0.05339292	0.08345708	1.46E-01	0.00217782	0.02288268	0.07646237	1.02E-01	1462.59197	1455.27901	2,501	0.0104%	0.9754%
County	Fresno	2012	Annual	Motor Coach	15 MPH	1.95050216	18.5534644	5.07941688	0.01658573	0.01199994	0.13033932	0.57864632	7.21E-01	0.00299998	0.05585971	0.53235462	5.91E-01	2723.5655	2709.94768	225	0.0009%	0.0878%
County	Fresno	2012	Annual	OBUS	15 MPH	0.89767608	1.58017416	12.6110298	0.00694769	0.00799996	0.03674982	0.00379928	4.85E-02	0.00199999	0.01574992	0.00347039	2.12E-02	1392.42958	1385.46743	1,319	0.0055%	0.5144%
County	Fresno	2012	Annual	PTO	15 MPH	0.82249975	14.047218	3.89516321	0.02044152			0.4828081	4.83E-01			0.44418345	4.44E-01	2148.30116	2137.55965		0.0000%	0.0000%
County	Fresno	2012	Annual	SBUS	15 MPH	2.90192701	11.369972	30.0789399	0.01126639	0.01065255	0.50629256	0.49300626	1.01E+00	0.00266314	0.21698253	0.45267479	6.72E-01	1678.87509	1670.48071	1,387	0.0057%	0.5412%
County	Fresno	2012	Annual	T6 Ag	15 MPH	1.98386776	13.412896	4.16002719	0.01155563	0.01199994	0.13033932	0.81953985	9.62E-01	0.00299998	0.05585971	0.75397666	8.13E-01	1785.06347	1776.13815	1,566	0.0065%	0.6109%
County	Fresno	2012	Annual	T6 CAIRP heavy	15 MPH	0.92681599	9.58450447	2.06597213	0.01143721	0.01199994	0.13033932	0.32561105	4.68E-01	0.00299998	0.05585971	0.29956216	3.58E-01	1766.77021	1757.93636	55	0.0002%	0.0214%
County	Fresno	2012	Annual	T6 CAIRP small	15 MPH	0.7594974	8.03014148	1.6860833	0.01142733	0.01199994	0.13033932	0.2294763	3.72E-01	0.00299998	0.05585971	0.21111819	2.70E-01	1765.24308	1756.41687	184	0.0008%	0.0716%
County	Fresno	2012	Annual	T6 instate construction heavy	15 MPH	1.62436758	13.4829437	3.6493609	0.01144287	0.01199994	0.13033932	0.68264796	8.25E-01	0.00299998	0.05585971	0.62803612	6.87E-01	1767.64393	1758.80571	890	0.0037%	0.3470%
County	Fresno	2012	Annual	T6 instate construction small	15 MPH	1.20813394	11.0307528	2.71577291	0.01142616	0.01199994	0.13033932	0.45565691	5.98E-01	0.00299998	0.05585971	0.41920435	4.78E-01	1765.06326	1756.23794	2,283	0.0095%	0.8903%
County	Fresno	2012	Annual	T6 instate heavy	15 MPH	1.58997775	13.1719642	3.57175798	0.01143815	0.01199994	0.13033932	0.66600892	8.08E-01	0.00299998	0.05585971	0.6127282	6.72E-01	1766.91469	1758.08012	3,425	0.0142%	1.3358%
County	Fresno	2012	Annual	T6 instate small	15 MPH	1.17045272	10.6508109	2.63022553	0.01141972	0.01199994	0.13033932	0.43850252	5.81E-01	0.00299998	0.05585971	0.40342232	4.62E-01	1764.06792	1755.24758	8,916	0.0369%	3.4773%
County	Fresno	2012	Annual	T6 OOS heavy	15 MPH	0.92681599	9.58450447	2.06597213	0.01143721	0.01199994	0.13033932	0.32561105	4.68E-01	0.00299998	0.05585971	0.29956216	3.58E-01	1766.77021	1757.93636	31	0.0001%	0.0123%
County	Fresno	2012	Annual	T6 OOS small	15 MPH	0.7594974	8.03014148	1.6860833	0.01142733	0.01199994	0.13033932	0.2294763	3.72E-01	0.00299998	0.05585971	0.21111819	2.70E-01	1765.24308	1756.41687	105	0.0004%	0.0410%
County	Fresno	2012	Annual	T6 Public	15 MPH	1.11323897	12.6203206	2.36606727	0.01152473	0.01199994	0.13033932	0.563573	7.06E-01	0.00299998	0.05585971	0.51848716	5.77E-01	1780.28994	1771.38849	386	0.0016%	0.1505%
County	Fresno	2012	Annual	T6 utility	15 MPH	0.55625579	9.70942375	1.26163373	0.01142875	0.01199994	0.13033932	0.25446819	3.97E-01	0.00299998	0.05585971	0.23411074	2.93E-01	1765.46361	1756.6363	85	0.0004%	0.0330%
County	Fresno	2012	Annual	T6TS	15 MPH	1.61174192	1.62496984	24.2264411	0.00704669	0.00799996	0.03674981	0.00945765	5.42E-02	0.00199999	0.01574992	0.00823592	2.60E-02	1392.42965	1385.46751	3,365	0.0139%	1.3126%
County	Fresno	2012	Annual	T7 Ag	15 MPH	3.05948135	22.754199	8.9329952	0.01675061	0.03599981	0.06173968	1.2069566	1.30E+00	0.00899995	0.02645986	1.11040007	1.15E+00	2750.63994	2736.88674	1,014	0.0042%	0.3955%
County	Fresno	2012	Annual	T7 CAIRP	15 MPH	2.07558575	17.2876532	5.1833605	0.0166066	0.03599981	0.06173968	0.4781227	5.76E-01	0.00899995	0.02645986	0.43987289	4.75E-01	2726.99151	2713.35655	6,363	0.0264%	2.4817%
County	Fresno	2012	Annual	T7 CAIRP construction	15 MPH	2.10150327	17.5484996	5.24862805	0.01661087	0.03599981	0.06173968	0.48581201	5.84E-01	0.00899995	0.02645986	0.44694705	4.82E-01	2727.69417	2714.0557	155	0.0006%	0.0604%
County	Fresno	2012	Annual	T7 NNOOS	15 MPH	1.37513571	10.6920637	3.37849341	0.0165322	0.03599981	0.06173968	0.25275697	3.50E-01	0.00899995	0.02645986	0.23253642	2.68E-01	2714.77518	2701.20131	7,158	0.0297%	2.7918%
County	Fresno	2012	Annual	T7 NOOS	15 MPH	2.04268973	17.2876532	5.09020622	0.01660883	0.03599981	0.06173968	0.46674988	5.64E-01	0.00899995	0.02645986	0.42940989	4.65E-01	2727.35892	2713.72213	2,317	0.0096%	0.9038%
County	Fresno	2012	Annual	T7 other port	15 MPH	0.99981253	24.9152715	2.50206024	0.01677273	0.03599981	0.06173968	0.27801201	3.76E-01	0.00899995	0.02645986	0.25577105	2.91E-01	2754.27191	2740.50055	119	0.0005%	0.0465%
County	Fresno	2012	Annual	T7 POAK	15 MPH	0.95567478	25.6900725	2.41659997	0.01678736	0.03599981	0.06173968	0.27351681	3.71E-01	0.00899995	0.02645986	0.25163547	2.87E-01	2756.67463	2742.89126	332	0.0014%	0.1296%
County	Fresno	2012	Annual	T7 POLA	15 MPH	1.30265733	14.9630179	3.17251339	0.01683694	0.03599981	0.06173968	0.1382211	2.36E-01	0.00899995	0.02645986	0.12716341	1.63E-01	2764.81642	2750.99234	550	0.0023%	0.2146%
County	Fresno	2012	Annual	T7 Public	15 MPH	2.09892288	22.7569158	6.5240982	0.01689721	0.03599981	0.06173968	1.15470248	1.25E+00	0.00899995	0.02645986	1.06232628	1.10E+00	2774.71414	2760.84057	85	0.0004%	0.0332%
County	Fresno	2012	Annual	T7 Single	15 MPH	1.80600255	17.411582	4.9082062	0.01653934	0.03599981	0.06173968	0.64548153	7.43E-01	0.00899995	0.02645986	0.59384301	6.29E-01	2715.94656	2702.36682	585	0.0024%	0.2282%
County	Fresno	2012	Annual	T7 single construction	15 MPH	1.83451551	17.7583921	4.98889472	0.01654317	0.03599981	0.06173968	0.65904124	7.57E-01	0.00899995	0.02645986	0.60631794	6.42E-01	2716.57584	2702.99296	401	0.0017%	0.1563%
County	Fresno	2012	Annual	T7 SWCV	15 MPH	0.40929755	19.7694989	1.13580675	0.01691597	0.03599981	0.06173968	0.14089879	2.39E-01	0.00899995	0.02645986	0.12962689	1.65E-01	2777.79387	2763.9049	177	0.0007%	0.0689%
County	Fresno	2012	Annual	T7 tractor	15 MPH	2.81976014	20.0902826	7.66852165	0.01661236	0.03599981	0.06173968	0.89201201	9.90E-01	0.00899995	0.02645986	0.82065105	8.56E-01	2727.93825	2714.29856	9,044	0.0375%	3.5274%
County	Fresno	2012	Annual	T7 tractor construction	15 MPH	2.97853076	20.5093082	8.16097363	0.01661071	0.03599981	0.06173968	0.96099741	1.06E+00	0.00899995	0.02645986	0.88411762	9.20E-01	2727.66644	2714.0281	299	0.0012%	0.1166%
County	Fresno	2012	Annual	T7 utility	15 MPH	1.03743743	17.5305261	2.81727701	0.01658775	0.03599981	0.06173968	0.46147456	5.59E-01	0.00899995	0.02645986	0.42455659	4.60E-01	2723.89735	2710.27786	13	0.0001%	0.0050%
County	Fresno	2012	Annual	T7IS	15 MPH	3.79915434	4.88790196	93.012148	0.00644268	0.00799996	0.03674982	0.00406447	4.88E-02	0.00199999	0.01574992	0.00337872	2.11E-02	1392.42957	1385.46742	200	0.0008%	0.0779%
County	Fresno	2012	Annual	UBUS	15 MPH	1.3578154	15.0300442	10.4573023	0.01963034	0.00799996	0.60947975	0.35256774	9.70E-01	0.00199999	0.26120559	0.32431341	5.88E-01	2226.85114	2215.71688	3,173	0.0131%	1.2377%
																				256,394	1.06%	100%

County	Fresno	2012	Annual	All Other Buses	20 MPH	0.63803237	10.1185226	2.28045488	0.01150848	0.01199994	0.13033932	0.41337396	5.56E-01	0.00299998	0.05585971	0.38030404	4.39E-01	1402.49038	1395.47792	756	0.0031%	0.0590%
County	Fresno	2012	Annual	LDA	20 MPH	0.11320477	0.21021279	2.73413366	0.00335818	0.00799996	0.03674982	0.00490098	4.97E-02	0.00199999	0.01574992	0.00445579	2.22E-02	511.602228	479.894408	495,151	2.0516%	38.6791%
County	Fresno	2012	Annual	LDT1	20 MPH	0.28761821	0.52602143	6.42067651	0.00389998	0.00799996	0.03674981	0.01069536	5.54E-02	0.00199999	0.01574992	0.00970925	2.75E-02	588.564038	555.689911	71,622	0.2968%	5.5948%
County	Fresno	2012	Annual	LDT2	20 MPH	0.16221331	0.42230581	3.95743773	0.00459063	0.00799996	0.03674981	0.0053781	5.01E-02	0.00199999	0.01574992	0.00487729	2.26E-02	699.67546	668.832683	183,555	0.7606%	14.3385%
County	Fresno	2012	Annual	LHD1	20 MPH	0.32967231	2.16875725	3.32956752	0.00795032	0.00951721	0.05180477	0.02921251	9.05E-02	0.0023793	0.02220204	0.02687395	5.15E-02	823.155715	819.039936	189,077	0.7834%	14.7699%
County	Fresno	2012	Annual	LHD2	20 MPH	0.3035947	3.07487044	2.77556947	0.0068051	0.01046927	0.06911637	0.04344183	1.23E-01	0.00261732	0.0296213	0.03992087	7.22E-02	706.638373	703.105181	28,625	0.1186%	2.2361%
County	Fresno	2012	Annual	MCY	20 MPH	2.90599607	1.15515368	22.3072235	0.00221582	0.00799996	0.03674981	0.00105934	4.58E-02	0.00199999	0.01574992	0.00083838	1.86E-02	169.434191	168.58702	7,372	0.0305%	0.5759%
County	Fresno	2012	Annual	MDV	20 MPH	0.18486146	0.58121926	4.66701348	0.00578263	0.00799996	0.03674981	0.00520176	5.00E-02	0.00199999	0.01574992	0.00476937	2.25E-02	881.953461	856.759256	199,669	0.8273%	15.5973%
County	Fresno	2012	Annual	MH	20 MPH	0.67591916	2.71662981	14.9575127	0.00786629	0.00871128	0.05339292	0.05683742	1.19E-01	0.00217782	0.02288268	0.05206858	7.71E-02	1088.79808	1083.35409	2,605	0.0108%	0.2035%
County	Fresno	2012	Annual	Motor Coach	20 MPH	0.80443058	13.9718919	3.21941928	0.01658573	0.01199994	0.13033932	0.40580137	5.48E-01	0.00299998	0.05585971	0.37333726	4.32E-01	2148.62227	2137.87916	493	0.0020%	0.0385%
County	Fresno	2012	Annual	OBUS	20 MPH	0.62495911	1.65456713	9.11372461	0.00694769	0.00799996	0.03674982	0.00264934	4.74E-02	0.00199999	0.01574992	0.00241999	2.02E-02	1006.0685	1001.03816	1,368	0.0057%	0.1069%
County	Fresno	2012	Annual	PTO	20 MPH	0.72734494	13.0559244	3.23254932	0.02044152			0.39402497	3.94E-01			0.36250297	3.63E-01	2142.61168	2131.89862	8,299	0.0344%	0.6483%
County	Fresno	2012	Annual	SBUS	20 MPH	1.71020206	8.86402098	21.7516002	0.01126639	0.01065255	0.50629256	0.31365451	8.31E-01	0.00266314	0.21698253	0.28794085	5.08E-01	1300.20858	1293.70754	1,883	0.0078%	0.1471%
County	Fresno	2012	Annual	T6 Ag	20 MPH	0.81512777	10.2735761	3.03599174	0.01155563	0.01199994	0.13033932	0.54322493	6.86E-01	0.00299998	0.05585971	0.49976694	5.59E-01	1408.23752	1401.19633	1,661	0.0069%	0.1298%
County	Fresno	2012	Annual	T6 CAIRP heavy	20 MPH	0.38034967	7.21309759	1.31389094	0.01143721	0.01199994	0.13033932	0.21475982	3.57E-01	0.00299998	0.05585971	0.19757904	2.56E-01	1393.80596	1386.83693	58	0.0002%	0.0045%
County	Fresno	2012	Annual	T6 CAIRP small	20 MPH	0.31587844	6.05154075	1.01456499	0.01142733	0.01199994	0.13033932	0.16306458	3.05E-01	0.00299998	0.05585971	0.15001941	2.09E-01	1392.6012	1385.6382	195	0.0008%	0.0152%
County	Fresno	2012	Annual	T6 instate construction heavy	20 MPH	0.65358943	10.1440618	2.49353177	0.01144287	0.01199994	0.13033932	0.41649194	5.59E-01	0.00299998	0.05585971	0.38317258	4.42E-01	1394.49523	1387.52276	943	0.0039%	0.0737%
County	Fresno	2012	Annual	T6 instate construction small	20 MPH	0.49139332	8.29692158	1.75112109	0.01142616	0.01199994	0.13033932	0.29387569	4.36E-01	0.00299998	0.05585971	0.27036564	3.29E-01	1392.45934	1385.49704	2,421	0.0100%	0.1891%
County	Fresno	2012	Annual	T6 instate heavy	20 MPH	0.63992954	9.91023001	2.4384257	0.01143815	0.01199994	0.13033932	0.40650517	5.49E-01	0.00299998	0.05585971	0.37398476	4.33E-01	1393.91994	1386.95034	3,632	0.0151%	0.2837%
County	Fresno	2012	Annual	T6 instate small	20 MPH	0.47631185	8.01136692	1.69361118	0.01141972	0.01199994	0.13033932	0.28307565	4.25E-01	0.00299998	0.05585971	0.26042959	3.19E-01	1391.67412	1384.71575	9,455	0.0392%	0.7386%
County	Fresno	2012	Annual	T6 OOS heavy	20 MPH	0.38034967	7.21309759	1.31389094	0.01143721	0.01199994	0.13033932	0.21475982	3.57E-01	0.00299998	0.05585971	0.19757904	2.56E-01	1393.80596	1386.83693	33	0.0001%	0.0026%
County	Fresno	2012	Annual	T6 OOS small	20 MPH	0.31587844	6.05154075	1.01456499	0.01142733	0.01199994	0.13033932	0.16306458	3.05E-01	0.00299998	0.05585971	0.15001941	2.09E-01	1392.6012	1385.6382	112	0.0005%	0.0087%
County	Fresno	2012	Annual	T6 Public	20 MPH	0.45540968	9.62873753	1.71228867	0.01152473	0.01199994	0.13033932	0.36317	5.06E-01	0.00299998	0.05585971	0.3341164	3.93E-01	1404.47168	1397.44932	409	0.0017%	0.0320%
County	Fresno	2012	Annual	T6 utility	20 MPH	0.2271512	7.28867965	0.7949034	0.01142875	0.01199994	0.13033932	0.16402509	3.06E-01	0.00299998	0.05585971	0.15090308	2.10E-01	1392.77518	1385.81131	90	0.0004%	0.0070%
County	Fresno	2012	Annual	T6TS	20 MPH	1.1228166	1.70145333	17.5126999	0.00704669	0.00799996	0.03674981	0.00659508	5.13E-02	0.00199999	0.01574992	0.00574313	2.35E-02	1006.0686	1001.03826	3,491	0.0145%	0.2727%
County	Fresno	2012	Annual	T7 Ag	20 MPH	1.24866596	17.3279123	6.51084927	0.01675061	0.03599981	0.06173968	0.80193117	9.00E-01	0.00899995	0.02645986	0.73777668	7.73E-01	2169.98131	2159.1314	2,220	0.0092%	0.1734%
County	Fresno	2012	Annual	T7 CAIRP	20 MPH	0.87179938	13.0362551	3.03189141	0.0166066	0.03599981	0.06173968	0.36696277	4.65E-01	0.00899995	0.02645986	0.33760575	3.73E-01	2151.32505	2140.56843	13,932	0.0577%	1.0883%
County	Fresno	2012	Annual	T7 CAIRP construction	20 MPH	0.88258596	13.232851	3.07111678	0.01661087	0.03599981	0.06173968	0.37278896	4.71E-01	0.00899995	0.02645986	0.34296584	3.78E-01	2151.87938	2141.11998	339	0.0014%	0.0265%
County	Fresno	2012	Annual	T7 NNOOS	20 MPH	0.58264514	8.06849509	1.91784553	0.0165322	0.03599981	0.06173968	0.20228669	3.00E-01	0.00899995	0.02645986	0.18610376	2.22E-01	2141.68758	2130.97914	15,673	0.0649%	1.2243%
County	Fresno	2012	Annual	T7 NOOS	20 MPH	0.85898053	13.0362551	2.96741153	0.01660883	0.03599981	0.06173968	0.36083747	4.59E-01	0.00899995	0.02645986	0.33197047	3.67E-01	2151.6149	2140.85683	5,074	0.0210%	0.3963%
County	Fresno	2012	Annual	T7 other port	20 MPH	0.41598183	18.6918245	1.49282516	0.01677273	0.03599981	0.06173968	0.20912958	3.07E-01	0.00899995	0.02645986	0.19239921	2.28E-01	2172.84657	2161.98234	261	0.0011%	0.0204%
County	Fresno	2012	Annual	T7 POAK	20 MPH	0.39439894	19.2516519	1.4733985	0.01678736	0.03599981	0.06173968	0.19715217	2.95E-01	0.00899995	0.02645986	0.18138	2.17E-01	2174.74208	2163.86837	728	0.0030%	0.0568%
County	Fresno	2012	Annual	T7 POLA	20 MPH	0.55860148	11.295237	1.73387679	0.01683694	0.03599981	0.06173968	0.12005319	2.18E-01	0.00899995	0.02645986	0.11044894	1.46E-01	2181.16514	2170.25932	1,205	0.0050%	0.0941%
County	Fresno	2012	Annual	T7 Public	20 MPH	0.86207825	17.5718437	5.05968997	0.01689721	0.03599981	0.06173968	0.77349134	8.71E-01	0.00899995	0.02645986	0.71161203	7.47E-01	2188.97345	2178.02859	186	0.0008%	0.0145%
County	Fresno	2012	Annual	T7 Single	20 MPH	0.72734494	13.0559244	3.23254932	0.01653934	0.03599981	0.06173968	0.39402497	4.92E-01	0.00899995	0.02645986	0.36250297	3.98E-01	2142.61168	2131.89862	1,281	0.0053%	0.1001%
County	Fresno	2012	Annual	T7 single construction	20 MPH	0.73851327	13.3156514	3.28900663	0.01654317	0.03599981	0.06173968	0.40207735	5.00E-01	0.00899995	0.02645986	0.36991116	4.05E-01	2143.10812	2132.39258	878	0.0036%	0.0686%
County	Fresno	2012	Annual	T7 SWCV	20 MPH	0.16919986	15.0219581	0.76712053	0.01691597	0.03599981	0.06173968	0.09292158	1.91E-01	0.00899995	0.02645986	0.08548786	1.21E-01	2191.40305	2180.44604	387	0.0016%	0.0302%
County	Fresno	2012	Annual	T7 tractor	20 MPH	1.15205687	15.1704439	5.10204884	0.01661236	0.03599981	0.06173968	0.59248252	6.90E-01	0.00899995	0.02645986	0.54508392	5.81E-01	2152.07194	2141.31158	19,802	0.0821%	1.5469%
County	Fresno	2012	Annual	T7 tractor construction	20 MPH	1.21255156	15.4834893	5.47670257	0.01661071	0.03599981	0.06173968	0.62795568	7.26E-01	0.00899995	0.02645986	0.57771923	6.13E-01	2151.8575	2141.09821	654	0.0027%	0.0511%
County	Fresno	2012	Annual	T7 utility	20 MPH	0.4217663	13.1780451	1.83485318	0.01658775	0.03599981	0.06173968	0.29134572	3.89E-01	0.00899995	0.02645986	0.26803806	3.03E-01	2148.88406	2138.13964	28	0.0001%	0.0022%
County	Fresno	2012	Annual	T7IS	20 MPH	2.64892414	5.15087114	67.2406123	0.00644268	0.00799996	0.03674982	0.00283426	4.76E-02	0.00199999	0.01574992	0.00235607	2.01E-02	1006.06853	1001.03819	341	0.0014%	0.0267%
County	Fresno	2012	Annual	UBUS	20 MPH	0.99740338	12.5771552	7.42298213	0.01963034	0.00799996	0.60947975	0.26948057	8.87E-01	0.00199999	0.26120559	0.247888	5.11E-01	2115.35008	2104.77333	4,188	0.0174%	0.3271%
																				1,280,151	5.3043%	100%

County	Fresno	2012	Annual	All Other Buses	25 MPH	0.53216888	9.50303685	1.97062254	0.01150848	0.01199994	0.13033932	0.35763038	5.00E-01	0.00299998	0.05585971	0.32901995	3.88E-01	1308.55487	1302.01209	787	0.0033%	0.1940%
County	Fresno	2012	Annual	LDA	25 MPH	0.08770662	0.19500784	2.44733536	0.00335818	0.00799996	0.03674982	0.00370964	4.85E-02	0.00199999	0.01574992	0.00336888	2.11E-02	424.602757	398.287311	58,046	0.2405%	14.3120%
County	Fresno	2012	Annual	LDT1	25 MPH	0.22500274	0.48283694	5.66639589	0.00389998	0.00799996	0.03674981	0.00819308	5.29E-02	0.00199999	0.01574992	0.00743085	2.52E-02	488.383561	461.10405	8,396	0.0348%	2.0702%
County	Fresno	2012	Annual	LDT2	25 MPH	0.12572299	0.38695747	3.5395171	0.00459063	0.00799996	0.03674981	0.0040744	4.88E-02	0.00199999	0.01574992	0.00369046	2.14E-02	580.55523	554.96274	21,518	0.0892%	5.3055%
County	Fresno	2012	Annual	LHD1	25 MPH	0.24977917	2.02604894	2.53754615	0.00795032	0.00951721	0.05180477	0.02395042	8.53E-02	0.0023793	0.02220204	0.02203325	4.66E-02	675.700645	672.322142	162,926	0.6751%	40.1713%
County	Fresno	2012	Annual	LHD2	25 MPH	0.23886129	2.82707862	2.12959803	0.0068051	0.01046927	0.06911637	0.03585339	1.15E-01	0.00261732	0.0296213	0.03295196	6.52E-02	616.889745	613.805296	26,695	0.1106%	6.5820%
County	Fresno	2012	Annual	MCY	25 MPH	2.534117	1.1696232	20.8086245	0.00221582	0.00799996	0.03674981	0.00093181	4.57E-02	0.00199999	0.01574992	0.00073671	1.85E-02	151.558794	150.801	864	0.0036%	0.2131%
County	Fresno	2012	Annual	MDV	25 MPH	0.14169424	0.52973576	4.19299228	0.00578263	0.00799996	0.03674981	0.00392671	4.87E-02	0.00199999	0.01574992	0.00359786	2.13E-02	731.801344	710.895617	23,407	0.0970%	5.7713%
County	Fresno	2012	Annual	MH	25 MPH	0.49082537	2.62367459	11.4363167	0.00786629	0.00871128	0.05339292	0.04548102	1.08E-01	0.00217782	0.02288268	0.04168127	6.67E-02	866.963155	862.628339	2,867	0.0119%	0.7069%
County	Fresno	2012	Annual	Motor Coach	25 MPH	0.67131435	13.0321831	2.82813755	0.01658573	0.01199994	0.13033932	0.3575089	5.00E-01	0.00299998	0.05585971	0.32890819	3.88E-01	2004.7126	1994.68904	508	0.0021%	0.1253%
County	Fresno	2012	Annual	OBUS	25 MPH	0.45452849	1.72771737	6.96055896	0.00694769	0.00799996	0.03674982	0.00192574	4.67E-02	0.00199999	0.01574992	0.00175904	1.95E-02	768.012232	764.172171	1,524	0.0063%	0.3758%
County	Fresno	2012	Annual	PTO	25 MPH	0.82249975	14.047218	3.89516321	0.02044152			0.4828081	4.83E-01			0.44418345	4.44E-01	2148.30116	2137.55965		0.0000%	0.0000%
County	Fresno	2012	Annual	SBUS	25 MPH	1.28728623	8.53238963	16.7562124	0.01126639	0.01065255	0.50629256	0.26426598	7.81E-01	0.00266314	0.21698253	0.24267309	4.62E-01	1168.32836	1162.48672	2,973	0.0123%	0.7330%
County	Fresno	2012	Annual	T6 Ag	25 MPH	0.67984421	9.69671927	2.59743213	0.01155563	0.01199994	0.13033932	0.4674581	6.10E-01	0.00299998	0.05585971	0.43006145	4.89E-01	1313.91708	1307.34749	1,730	0.0072%	0.4265%
County	Fresno	2012	Annual	T6 CAIRP heavy	25 MPH	0.31560363	6.7470544	1.14757599	0.01143721	0.01199994	0.13033932	0.18467278	3.27E-01	0.00299998	0.05585971	0.16989896	2.29E-01	1300.45211	1293.94985	61	0.0003%	0.0149%
County	Fresno	2012	Annual	T6 CAIRP small	25 MPH	0.26607649	5.55278954	0.90607107	0.01142733	0.01199994	0.13033932	0.14441336	2.87E-01	0.00299998	0.05585971	0.13286029	1.92E-01	1299.32805	1292.83141	203	0.0008%	0.0500%
County	Fresno	2012	Annual	T6 instate construction heavy	25 MPH	0.52996036	9.6973471	2.11689842	0.01144287	0.01199994	0.13033932	0.3460614	4.88E-01	0.00299998	0.05585971	0.31837648	3.77E-01	1301.09522	1294.58974	983	0.0041%	0.2423%
County	Fresno	2012	Annual	T6 instate construction small	25 MPH	0.40334744	7.77085727	1.51406468	0.01142616	0.01199994	0.13033932	0.25036153	3.93E-01	0.00299998	0.05585971	0.23033261	2.89E-01	1299.19569	1292.69971	2,521	0.0104%	0.6216%
County	Fresno	2012	Annual	T6 instate heavy	25 MPH	0.51905767	9.47204263	2.07084806	0.01143815	0.01199994	0.13033932	0.33782719	4.80E-01	0.00299998	0.05585971	0.31080102	3.70E-01	1300.55845	1294.05566	3,783	0.0157%	0.9327%
County	Fresno	2012	Annual	T6 instate small	25 MPH	0.39120852	7.50157485	1.46532565	0.01141972	0.01199994	0.13033932	0.24125666	3.84E-01	0.00299998	0.05585971	0.22195613	2.81E-01	1298.46305	1291.97074	9,847	0.0408%	2.4280%
County	Fresno	2012	Annual	T6 OOS heavy	25 MPH	0.31560363	6.7470544	1.14757599	0.01143721	0.01199994	0.13033932	0.18467278	3.27E-01	0.00299998	0.05585971	0.16989896	2.29E-01	1300.45211	1293.94985	35	0.0001%	0.0086%
County	Fresno	2012	Annual	T6 OOS small	25 MPH	0.26607649	5.55278954	0.90607107	0.01142733	0.01199994	0.13033932	0.14441336	2.87E-01	0.00299998	0.05585971	0.13286029	1.92E-01	1299.32805	1292.83141	116	0.0005%	0.0287%
County	Fresno	2012	Annual	T6 Public	25 MPH	0.3776999	9.1538657	1.46122172	0.01152473	0.01199994	0.13033932	0.30891743	4.51E-01	0.00299998	0.05585971	0.28420403	3.43E-01	1310.40346	1303.85145	426	0.0018%	0.1051%
County	Fresno	2012	Annual	T6 utility	25 MPH	0.18727082	6.87135309	0.69216191	0.01142875	0.01199994	0.13033932	0.13972445	2.82E-01	0.00299998	0.05585971	0.1285465	1.87E-01	1299.49037	1292.99292	94	0.0004%	0.0231%
County	Fresno	2012	Annual	T6TS	25 MPH	0.81631247	1.77660543	13.3745108	0.00704669	0.00799996	0.03674981	0.0047938	4.95E-02	0.00199999	0.01574992	0.00417454	2.19E-02	768.012149	764.172088	3,890	0.0161%	0.9590%
County	Fresno	2012	Annual	T7 Ag	25 MPH	1.03188863	16.4147573	5.567801	0.01675061	0.03599981	0.06173968	0.69081001	7.89E-01	0.00899995	0.02645986	0.63554521	6.71E-01	2024.64106	2014.51786	2,290	0.0095%	0.5647%
County	Fresno	2012	Annual	T7 CAIRP	25 MPH	0.74254915	11.897081	2.74809251	0.0166066	0.03599981	0.06173968	0.33397636	4.32E-01	0.00899995	0.02645986	0.30725825	3.43E-01	2007.23436	1997.19818	14,372	0.0595%	3.5435%
County	Fresno	2012	Annual	T7 CAIRP construction	25 MPH	0.75164158	12.0772012	2.78315215	0.01661087	0.03599981	0.06173968	0.33925575	4.37E-01	0.00899995	0.02645986	0.31211529	3.48E-01	2007.75155	1997.71279	350	0.0015%	0.0863%
County	Fresno	2012	Annual	T7 NNOOS	25 MPH	0.50108152	7.31763514	1.76521417	0.0165322	0.03599981	0.06173968	0.18664264	2.84E-01	0.00899995	0.02645986	0.17171123	2.07E-01	1998.24238	1988.25117	16,168	0.0670%	3.9863%
County	Fresno	2012	Annual	T7 NOOS	25 MPH	0.73258869	11.897081	2.69478025	0.01660883	0.03599981	0.06173968	0.32919658	4.27E-01	0.00899995	0.02645986	0.30286085	3.38E-01	2007.50479	1997.46727	5,234	0.0217%	1.2904%
County	Fresno	2012	Annual	T7 other port	25 MPH	0.35048031	17.5887261	1.33556396	0.01677273	0.03599981	0.06173968	0.18904426	2.87E-01	0.00899995	0.02645986	0.17392072	2.09E-01	2027.31441	2017.17784	269	0.0011%	0.0664%
County	Fresno	2012	Annual	T7 POAK	25 MPH	0.32918068	18.2432651	1.30266944	0.01678736	0.03599981	0.06173968	0.17553821	2.73E-01	0.00899995	0.02645986	0.16149515	1.97E-01	2029.08297	2018.93755	751	0.0031%	0.1851%
County	Fresno	2012	Annual	T7 POLA	25 MPH	0.48672542	10.2130626	1.62936177	0.01683694	0.03599981	0.06173968	0.11353406	2.11E-01	0.00899995	0.02645986	0.10445133	1.40E-01	2035.07583	2024.90045	1,243	0.0051%	0.3064%
County	Fresno	2012	Annual	T7 Public	25 MPH	0.71923047	16.715317	4.31679771	0.01689721	0.03599981	0.06173968	0.66816136	7.66E-01	0.00899995	0.02645986	0.61470846	6.50E-01	2042.36116	2032.14935	192	0.0008%	0.0474%
County	Fresno	2012	Annual	T7 Single	25 MPH	0.58972401	12.4364915	2.76138062	0.01653934	0.03599981	0.06173968	0.32759278	4.25E-01	0.00899995	0.02645986	0.30138536	3.37E-01	1999.10458	1989.10906	1,322	0.0055%	0.3259%
County	Fresno	2012	Annual	T7 single construction	25 MPH	0.59846582	12.6861884	2.80823722	0.01654317	0.03599981	0.06173968	0.33420098	4.32E-01	0.00899995	0.02645986	0.3074649	3.43E-01	1999.56778	1989.56994	905	0.0038%	0.2232%
County	Fresno	2012	Annual	T7 SWCV	25 MPH	0.14177261	14.2609783	0.66888684	0.01691597	0.03599981	0.06173968	0.07982768	1.78E-01	0.00899995	0.02645986	0.07344147	1.09E-01	2044.62803	2034.40489	399	0.0017%	0.0984%
County	Fresno	2012	Annual	T7 tractor	25 MPH	0.95129478	14.2102098	4.41230188	0.01661236	0.03599981	0.06173968	0.51076345	6.09E-01	0.00899995	0.02645986	0.46990237	5.05E-01	2007.93122	1997.89156	20,427	0.0846%	5.0366%
County	Fresno	2012	Annual	T7 tractor construction	25 MPH	0.99696405	14.5525731	4.71597041	0.01661071	0.03599981	0.06173968	0.537686	6.35E-01	0.00899995	0.02645986	0.49467112	5.30E-01	2007.73114	1997.69249	675	0.0028%	0.1664%
County	Fresno	2012	Annual	T7 utility	25 MPH	0.34597383	12.5087672	1.58260174	0.01658775	0.03599981	0.06173968	0.24591077	3.44E-01	0.00899995	0.02645986	0.22623791	2.62E-01	2004.95686	1994.93208	29	0.0001%	0.0072%
County	Fresno	2012	Annual	T7IS	25 MPH	1.92396727	5.35890601	51.3190478	0.00644268	0.00799996	0.03674982	0.00206016	4.68E-02	0.00199999	0.01574992	0.00171257	1.95E-02	768.012145	764.172084	446	0.0018%	0.1099%
County	Fresno	2012	Annual	UBUS	25 MPH	0.76231135	11.0565216	5.57983747	0.01963034	0.00799996	0.60947975	0.2133186	8.31E-01	0.00199999	0.26120559	0.19622832	4.59E-01	2046.64886	2036.41561	6,307	0.0261%	1.5550%
																				405,578	1.6805%	100%

County	Fresno	2012	Annual	All Other Buses	30 MPH	0.44432068	8.99382385	1.70718196	0.01150848	0.01199994	0.13033932	0.31599663	4.58E-01	0.00299998	0.05585971	0.2907169	3.50E-01	1228.27661	1222.13523	946	0.0039%	0.1316%
County	Fresno	2012	Annual	LDA	30 MPH	0.0712957	0.18383119	2.22731737	0.00335818	0.00799996	0.03674982	0.00295136	4.77E-02	0.00199999	0.01574992	0.00267737	2.04E-02	366.045225	343.357697	205,770	0.8526%	28.6275%
County	Fresno	2012	Annual	LDT1	30 MPH	0.18410181	0.45255049	5.10762889	0.00389998	0.00799996	0.03674981	0.00657527	5.13E-02	0.00199999	0.01574992	0.00595803	2.37E-02	420.919698	397.40527	29,764	0.1233%	4.1409%
County	Fresno	2012	Annual	LDT2	30 MPH	0.10214291	0.36104376	3.21763945	0.00459063	0.00799996	0.03674981	0.00324341	4.80E-02	0.00199999	0.01574992	0.00293428	2.07E-02	500.35429	478.295293	76,280	0.3161%	10.6123%
County	Fresno	2012	Annual	LHD1	30 MPH	0.19795734	1.9407898	2.04700556	0.00795032	0.00951721	0.05180477	0.02012857	8.15E-02	0.0023793	0.02220204	0.01851743	4.31E-02	583.669343	580.750996	141,602	0.5867%	19.7002%
County	Fresno	2012	Annual	LHD2	30 MPH	0.19452027	2.67542625	1.71702103	0.0068051	0.01046927	0.06911637	0.03028532	1.10E-01	0.00261732	0.0296213	0.02783737	6.01E-02	560.874859	558.070484	22,941	0.0951%	3.1916%
County	Fresno	2012	Annual	MCY	30 MPH	2.31538295	1.18928087	20.2617818	0.00221582	0.00799996	0.03674981	0.00085859	4.56E-02	0.00199999	0.01574992	0.00067826	1.84E-02	138.892982	138.198518	3,064	0.0127%	0.4262%
County	Fresno	2012	Annual	MDV	30 MPH	0.11401922	0.49195468	3.82191824	0.00578263	0.00799996	0.03674981	0.00311541	4.79E-02	0.00199999	0.01574992	0.00285261	2.06E-02	630.704733	612.685247	82,977	0.3438%	11.5440%
County	Fresno	2012	Annual	MH	30 MPH	0.375024	2.59581624	9.22075939	0.00786629	0.00871128	0.05339292	0.03904851	1.01E-01	0.00217782	0.02288268	0.03580245	6.09E-02	730.999072	727.344077	3,278	0.0136%	0.4560%
County	Fresno	2012	Annual	Motor Coach	30 MPH	0.56009957	12.2480416	2.50306737	0.01658573	0.01199994	0.13033932	0.32510643	4.67E-01	0.00299998	0.05585971	0.29909792	3.58E-01	1881.72592	1872.31729	858	0.0036%	0.1194%
County	Fresno	2012	Annual	OBUS	30 MPH	0.34414324	1.8076377	5.60461949	0.00694769	0.00799996	0.03674982	0.00145909	4.62E-02	0.00199999	0.01574992	0.00133278	1.91E-02	619.433675	616.336507	1,723	0.0071%	0.2397%
County	Fresno	2012	Annual	PTO	30 MPH	0.82249975	14.047218	3.89516321	0.02044152			0.4828081	4.83E-01			0.44418345	4.44E-01	2148.30116	2137.55965		0.0000%	0.0000%
County	Fresno	2012	Annual	SBUS	30 MPH	1.00103209	8.27194529	13.5777074	0.01126639	0.01065255	0.50629256	0.2254176	7.42E-01	0.00266314	0.21698253	0.20704202	4.27E-01	1070.02277	1064.67265	3,567	0.0148%	0.4962%
County	Fresno	2012	Annual	T6 Ag	30 MPH	0.56800856	9.22362275	2.22009265	0.01155563	0.01199994	0.13033932	0.40806793	5.50E-01	0.00299998	0.05585971	0.3754225	4.34E-01	1233.30986	1227.14331	2,080	0.0086%	0.2894%
County	Fresno	2012	Annual	T6 CAIRP heavy	30 MPH	0.26180737	6.35909571	1.00896143	0.01143721	0.01199994	0.13033932	0.16332106	3.06E-01	0.00299998	0.05585971	0.15025537	2.09E-01	1220.67095	1214.5676	73	0.0003%	0.0101%
County	Fresno	2012	Annual	T6 CAIRP small	30 MPH	0.22403616	5.13188767	0.81797112	0.01142733	0.01199994	0.13033932	0.13249004	2.75E-01	0.00299998	0.05585971	0.12189084	1.81E-01	1219.61585	1213.51777	244	0.0010%	0.0339%
County	Fresno	2012	Annual	T6 instate construction heavy	30 MPH	0.42927945	9.33672248	1.79597758	0.01144287	0.01199994	0.13033932	0.29234431	4.35E-01	0.00299998	0.05585971	0.26895676	3.28E-01	1221.27461	1215.16823	1,182	0.0049%	0.1644%
County	Fresno	2012	Annual	T6 instate construction small	30 MPH	0.33082096	7.33341308	1.31518184	0.01142616	0.01199994	0.13033932	0.2191174	3.61E-01	0.00299998	0.05585971	0.20158801	2.60E-01	1219.49161	1213.39415	3,032	0.0126%	0.4218%
County	Fresno	2012	Annual	T6 instate heavy	30 MPH	0.42059711	9.11816359	1.75771079	0.01143815	0.01199994	0.13033932	0.28546263	4.28E-01	0.00299998	0.05585971	0.26262562	3.21E-01	1220.77077	1214.66692	4,549	0.0188%	0.6328%
County	Fresno	2012	Annual	T6 instate small	30 MPH	0.32107053	7.07756394	1.2738981	0.01141972	0.01199994	0.13033932	0.21125407	3.54E-01	0.00299998	0.05585971	0.19435375	2.53E-01	1218.80392	1212.7099	11,841	0.0491%	1.6473%
County	Fresno	2012	Annual	T6 OOS heavy	30 MPH	0.26180737	6.35909571	1.00896143	0.01143721	0.01199994	0.13033932	0.16332106	3.06E-01	0.00299998	0.05585971	0.15025537	2.09E-01	1220.67095	1214.5676	42	0.0002%	0.0058%
County	Fresno	2012	Annual	T6 OOS small	30 MPH	0.22403616	5.13188767	0.81797112	0.01142733	0.01199994	0.13033932	0.13249004	2.75E-01	0.00299998	0.05585971	0.12189084	1.81E-01	1219.61585	1213.51777	140	0.0006%	0.0194%
County	Fresno	2012	Annual	T6 Public	30 MPH	0.31369591	8.76827815	1.24541994	0.01152473	0.01199994	0.13033932	0.26647095	4.09E-01	0.00299998	0.05585971	0.24515328	3.04E-01	1230.0118	1223.86174	512	0.0021%	0.0713%
County	Fresno	2012	Annual	T6 utility	30 MPH	0.15427089	6.52659887	0.60660567	0.01142875	0.01199994	0.13033932	0.12246393	2.65E-01	0.00299998	0.05585971	0.11266682	1.72E-01	1219.76822	1213.66937	112	0.0005%	0.0156%
County	Fresno	2012	Annual	T6TS	30 MPH	0.61871212	1.85906368	10.7779989	0.00704669	0.00799996	0.03674981	0.00363215	4.84E-02	0.00199999	0.01574992	0.00316295	2.09E-02	619.433619	616.336451	4,398	0.0182%	0.6118%
County	Fresno	2012	Annual	T7 Ag	30 MPH	0.85351437	15.6684947	4.75651597	0.01675061	0.03599981	0.06173968	0.60432323	7.02E-01	0.00899995	0.02645986	0.55597737	5.91E-01	1900.43179	1890.92963	3,866	0.0160%	0.5379%
County	Fresno	2012	Annual	T7 CAIRP	30 MPH	0.63206352	10.93307	2.52262869	0.0166066	0.03599981	0.06173968	0.31581017	4.14E-01	0.00899995	0.02645986	0.29054536	3.26E-01	1884.09296	1874.6725	24,263	0.1005%	3.3756%
County	Fresno	2012	Annual	T7 CAIRP construction	30 MPH	0.63972447	11.0992748	2.55430884	0.01661087	0.03599981	0.06173968	0.32077865	4.19E-01	0.00899995	0.02645986	0.29511636	3.31E-01	1884.57843	1875.15554	591	0.0024%	0.0822%
County	Fresno	2012	Annual	T7 NNOOS	30 MPH	0.43050719	6.68046354	1.64779891	0.0165322	0.03599981	0.06173968	0.17911124	2.77E-01	0.00899995	0.02645986	0.16478234	2.00E-01	1875.65263	1866.27437	27,295	0.1131%	3.7974%
County	Fresno	2012	Annual	T7 NOOS	30 MPH	0.62437968	10.93307	2.47889271	0.01660883	0.03599981	0.06173968	0.31209	4.10E-01	0.00899995	0.02645986	0.2871228	3.23E-01	1884.34681	1874.92507	8,836	0.0366%	1.2293%
County	Fresno	2012	Annual	T7 other port	30 MPH	0.2951443	16.6753129	1.20834671	0.01677273	0.03599981	0.06173968	0.17756021	2.75E-01	0.00899995	0.02645986	0.1633554	1.99E-01	1902.94113	1893.42643	455	0.0019%	0.0633%
County	Fresno	2012	Annual	T7 POAK	30 MPH	0.2745964	17.415458	1.16263469	0.01678736	0.03599981	0.06173968	0.16215313	2.60E-01	0.00899995	0.02645986	0.14918088	1.85E-01	1904.60119	1895.07818	1,267	0.0053%	0.1763%
County	Fresno	2012	Annual	T7 POLA	30 MPH	0.42335869	9.29361466	1.55449725	0.01683694	0.03599981	0.06173968	0.11172768	2.09E-01	0.00899995	0.02645986	0.10278947	1.38E-01	1910.22639	1900.67526	2,098	0.0087%	0.2919%
County	Fresno	2012	Annual	T7 Public	30 MPH	0.60134518	16.0233589	3.6712221	0.01689721	0.03599981	0.06173968	0.58314487	6.81E-01	0.00899995	0.02645986	0.53649328	5.72E-01	1917.06478	1907.47945	324	0.0013%	0.0451%
County	Fresno	2012	Annual	T7 Single	30 MPH	0.47734371	11.9323196	2.36307329	0.01653934	0.03599981	0.06173968	0.27805887	3.76E-01	0.00899995	0.02645986	0.25581416	2.91E-01	1876.46194	1867.07963	2,231	0.0092%	0.3104%
County	Fresno	2012	Annual	T7 single construction	30 MPH	0.4841474	12.1740147	2.40168842	0.01654317	0.03599981	0.06173968	0.28357057	3.81E-01	0.00899995	0.02645986	0.26088493	2.96E-01	1876.89672	1867.51223	1,529	0.0063%	0.2127%
County	Fresno	2012	Annual	T7 SWCV	30 MPH	0.11884957	13.6407638	0.58590397	0.01691597	0.03599981	0.06173968	0.06984843	1.68E-01	0.00899995	0.02645986	0.06426056	9.97E-02	1919.19258	1909.59662	674	0.0028%	0.0937%
County	Fresno	2012	Annual	T7 tractor	30 MPH	0.78535015	13.412623	3.83000601	0.01661236	0.03599981	0.06173968	0.45134692	5.49E-01	0.00899995	0.02645986	0.41523917	4.51E-01	1884.74707	1875.32334	34,487	0.1429%	4.7980%
County	Fresno	2012	Annual	T7 tractor construction	30 MPH	0.81940331	13.7820396	4.07192477	0.01661071	0.03599981	0.06173968	0.47116614	5.69E-01	0.00899995	0.02645986	0.43347285	4.69E-01	1884.55927	1875.13647	1,140	0.0047%	0.1586%
County	Fresno	2012	Annual	T7 utility	30 MPH	0.28356159	11.9612716	1.37038049	0.01658775	0.03599981	0.06173968	0.21263375	3.10E-01	0.00899995	0.02645986	0.19562305	2.31E-01	1881.95519	1872.54541	49	0.0002%	0.0069%
County	Fresno	2012	Annual	T7IS	30 MPH	1.4598981	5.57692905	41.4024491	0.00644268	0.00799996	0.03674982	0.00156093	4.63E-02	0.00199999	0.01574992	0.00129757	1.90E-02	619.433598	616.33643	814	0.0034%	0.1132%
County	Fresno	2012	Annual	UBUS	30 MPH	0.60595252	10.1946286	4.44101874	0.01963034	0.00799996	0.60947975	0.17488147	7.92E-01	0.00199999	0.26120559	0.16087217	4.24E-01	2003.77027	1993.75142	7,894	0.0327%	1.0982%
																				718,784	2.9783%	100%

County	Fresno	2012	Annual	All Other Buses	35 MPH	0.37448777	8.59088367	1.49013314	0.01150848	0.01199994	0.13033932	0.2884727	4.31E-01	0.00299998	0.05585971	0.26539488	3.24E-01	1161.65562	1155.84734	1,116	0.0046%	0.0648%
County	Fresno	2012	Annual	LDA	35 MPH	0.06070141	0.17633439	2.04696451	0.00335818	0.00799996	0.03674982	0.0024665	4.72E-02	0.00199999	0.01574992	0.00223523	2.00E-02	326.837762	306.581362	723,442	2.9976%	42.0136%
County	Fresno	2012	Annual	LDT1	35 MPH	0.15731303	0.43366766	4.6760249	0.00389998	0.00799996	0.03674981	0.00552489	5.03E-02	0.00199999	0.01574992	0.0050015	2.28E-02	375.80758	354.815338	104,643	0.4336%	6.0771%
County	Fresno	2012	Annual	LDT2	35 MPH	0.08682281	0.34357002	2.95417447	0.00459063	0.00799996	0.03674981	0.00271151	4.75E-02	0.00199999	0.01574992	0.00245026	2.02E-02	446.684711	426.993042	268,183	1.1112%	15.5746%
County	Fresno	2012	Annual	LHD1	35 MPH	0.16106732	1.92959855	1.73305245	0.00795032	0.00951721	0.05180477	0.01733092	7.87E-02	0.0023793	0.02220204	0.01594377	4.05E-02	526.939194	524.304498	60,930	0.2525%	3.5385%
County	Fresno	2012	Annual	LHD2	35 MPH	0.16311157	2.63297799	1.4642003	0.0068051	0.01046927	0.06911637	0.02617587	1.06E-01	0.00261732	0.0296213	0.02406196	5.63E-02	526.346004	523.714274	10,728	0.0444%	0.6230%
County	Fresno	2012	Annual	MCY	35 MPH	2.22159395	1.21730377	20.6475497	0.00221582	0.00799996	0.03674981	0.00082864	4.56E-02	0.00199999	0.01574992	0.00065416	1.84E-02	130.481808	129.829399	10,771	0.0446%	0.6255%
County	Fresno	2012	Annual	MDV	35 MPH	0.09592906	0.46630143	3.51100379	0.00578263	0.00799996	0.03674981	0.00259647	4.73E-02	0.00199999	0.01574992	0.00237592	2.01E-02	563.060712	546.974665	291,727	1.2088%	16.9419%
County	Fresno	2012	Annual	MH	35 MPH	0.29731339	2.58499967	7.86587479	0.00786629	0.00871128	0.05339292	0.03484854	9.70E-02	0.00217782	0.02288268	0.03196416	5.70E-02	644.039672	640.819473	4,035	0.0167%	0.2343%
County	Fresno	2012	Annual	Motor Coach	35 MPH	0.47078626	11.6194673	2.24420873	0.01658573	0.01199994	0.13033932	0.30859398	4.51E-01	0.00299998	0.05585971	0.28390646	3.43E-01	1779.66221	1770.7639	1,544	0.0064%	0.0896%
County	Fresno	2012	Annual	OBUS	35 MPH	0.27084658	1.88741924	4.77258833	0.00694769	0.00799996	0.03674982	0.00115236	4.59E-02	0.00199999	0.01574992	0.0010526	1.88E-02	527.846608	525.207375	2,142	0.0089%	0.1244%
County	Fresno	2012	Annual	PTO	35 MPH	0.82249975	14.047218	3.89516321	0.02044152			0.4828081	4.83E-01			0.44418345	4.44E-01	2148.30116	2137.55965		0.0000%	0.0000%
County	Fresno	2012	Annual	SBUS	35 MPH	0.80558881	8.0860329	11.5900873	0.01126639	0.01065255	0.50629256	0.19685694	7.14E-01	0.00266314	0.21698253	0.18083814	4.00E-01	996.765253	991.781427	3,661	0.0152%	0.2126%
County	Fresno	2012	Annual	T6 Ag	35 MPH	0.47962081	8.85428652	1.90397331	0.01155563	0.01199994	0.13033932	0.36505444	5.07E-01	0.00299998	0.05585971	0.33585008	3.95E-01	1166.41586	1160.58378	2,453	0.0102%	0.1424%
County	Fresno	2012	Annual	T6 CAIRP heavy	35 MPH	0.21896088	6.04922151	0.89804726	0.01143721	0.01199994	0.13033932	0.15070466	2.93E-01	0.00299998	0.05585971	0.13864829	1.98E-01	1154.46248	1148.69017	86	0.0004%	0.0050%
County	Fresno	2012	Annual	T6 CAIRP small	35 MPH	0.18975747	4.78883512	0.75026513	0.01142733	0.01199994	0.13033932	0.12729462	2.70E-01	0.00299998	0.05585971	0.11711105	1.76E-01	1153.46461	1147.69728	287	0.0012%	0.0167%
County	Fresno	2012	Annual	T6 instate construction heavy	35 MPH	0.3515467	9.06218797	1.53076923	0.01144287	0.01199994	0.13033932	0.25534067	3.98E-01	0.00299998	0.05585971	0.23491342	2.94E-01	1155.03339	1149.25823	1,393	0.0058%	0.0809%
County	Fresno	2012	Annual	T6 instate construction small	35 MPH	0.27381389	6.98458903	1.15447256	0.01142616	0.01199994	0.13033932	0.2001433	3.42E-01	0.00299998	0.05585971	0.18413184	2.43E-01	1153.3471	1147.58037	3,575	0.0148%	0.2076%
County	Fresno	2012	Annual	T6 instate heavy	35 MPH	0.34454788	8.84859289	1.4990139	0.01143815	0.01199994	0.13033932	0.24941147	3.92E-01	0.00299998	0.05585971	0.22945855	2.88E-01	1154.55689	1148.7841	5,364	0.0222%	0.3115%
County	Fresno	2012	Annual	T6 instate small	35 MPH	0.2658979	6.73933417	1.11932852	0.01141972	0.01199994	0.13033932	0.19306788	3.35E-01	0.00299998	0.05585971	0.17762245	2.36E-01	1152.69672	1146.93323	13,962	0.0578%	0.8108%
County	Fresno	2012	Annual	T6 OOS heavy	35 MPH	0.21896088	6.04922151	0.89804726	0.01143721	0.01199994	0.13033932	0.15070466	2.93E-01	0.00299998	0.05585971	0.13864829	1.98E-01	1154.46248	1148.69017	49	0.0002%	0.0029%
County	Fresno	2012	Annual	T6 OOS small	35 MPH	0.18975747	4.78883512	0.75026513	0.01142733	0.01199994	0.13033932	0.12729462	2.70E-01	0.00299998	0.05585971	0.11711105	1.76E-01	1153.46461	1147.69728	165	0.0007%	0.0096%
County	Fresno	2012	Annual	T6 Public	35 MPH	0.2633977	8.47197489	1.06488331	0.01152473	0.01199994	0.13033932	0.23583058	3.78E-01	0.00299998	0.05585971	0.21696413	2.76E-01	1163.29669	1157.4802	604	0.0025%	0.0351%
County	Fresno	2012	Annual	T6 utility	35 MPH	0.12815141	6.25441699	0.53823469	0.01142875	0.01199994	0.13033932	0.11224351	2.55E-01	0.00299998	0.05585971	0.10326403	1.62E-01	1153.60871	1147.84067	133	0.0005%	0.0077%
County	Fresno	2012	Annual	T6TS	35 MPH	0.48804931	1.94129943	9.19666201	0.00704669	0.00799996	0.03674981	0.0028686	4.76E-02	0.00199999	0.01574992	0.00249804	2.02E-02	527.846607	525.207373	5,466	0.0226%	0.3174%
County	Fresno	2012	Annual	T7 Ag	35 MPH	0.71354319	15.0891246	4.07699417	0.01675061	0.03599981	0.06173968	0.54247082	6.40E-01	0.00899995	0.02645986	0.49907316	5.35E-01	1797.35349	1788.36672	6,956	0.0288%	0.4040%
County	Fresno	2012	Annual	T7 CAIRP	35 MPH	0.54034246	10.1442221	2.35549995	0.0166066	0.03599981	0.06173968	0.31246421	4.10E-01	0.00899995	0.02645986	0.28746708	3.23E-01	1781.90087	1772.99137	43,650	0.1809%	2.5350%
County	Fresno	2012	Annual	T7 CAIRP construction	35 MPH	0.54683464	10.2990719	2.38458688	0.01661087	0.03599981	0.06173968	0.31735768	4.15E-01	0.00899995	0.02645986	0.29196907	3.27E-01	1782.36001	1773.44821	1,063	0.0044%	0.0617%
County	Fresno	2012	Annual	T7 NNOOS	35 MPH	0.37092216	6.15698028	1.56559977	0.0165322	0.03599981	0.06173968	0.17969249	2.77E-01	0.00899995	0.02645986	0.16531709	2.01E-01	1773.91834	1765.04875	49,105	0.2035%	2.8517%
County	Fresno	2012	Annual	T7 NOOS	35 MPH	0.53435348	10.1442221	2.3197489	0.01660883	0.03599981	0.06173968	0.30951774	4.07E-01	0.00899995	0.02645986	0.28475632	3.20E-01	1782.14095	1773.23024	15,896	0.0659%	0.9232%
County	Fresno	2012	Annual	T7 other port	35 MPH	0.2499738	15.9515847	1.11117342	0.01677273	0.03599981	0.06173968	0.17467744	2.72E-01	0.00899995	0.02645986	0.16070325	1.96E-01	1799.72673	1790.7281	818	0.0034%	0.0475%
County	Fresno	2012	Annual	T7 POAK	35 MPH	0.2306461	16.7682308	1.05329426	0.01678736	0.03599981	0.06173968	0.15699694	2.55E-01	0.00899995	0.02645986	0.14443719	1.80E-01	1801.29674	1792.29026	2,280	0.0094%	0.1324%
County	Fresno	2012	Annual	T7 POLA	35 MPH	0.3685013	8.53689336	1.50928324	0.01683694	0.03599981	0.06173968	0.11463407	2.12E-01	0.00899995	0.02645986	0.10546334	1.41E-01	1806.61684	1797.58376	3,774	0.0156%	0.2192%
County	Fresno	2012	Annual	T7 Public	35 MPH	0.5084224	15.4959694	3.12296314	0.01689721	0.03599981	0.06173968	0.51844186	6.16E-01	0.00899995	0.02645986	0.47696652	5.12E-01	1813.08432	1804.0189	583	0.0024%	0.0339%
County	Fresno	2012	Annual	T7 Single	35 MPH	0.39020406	11.5434086	2.03762732	0.01653934	0.03599981	0.06173968	0.24542322	3.43E-01	0.00899995	0.02645986	0.22578937	2.61E-01	1774.68376	1765.81034	4,014	0.0166%	0.2331%
County	Fresno	2012	Annual	T7 single construction	35 MPH	0.39555802	11.7791304	2.06936022	0.01654317	0.03599981	0.06173968	0.25018613	3.48E-01	0.00899995	0.02645986	0.23017124	2.66E-01	1775.09495	1766.21947	2,750	0.0114%	0.1597%
County	Fresno	2012	Annual	T7 SWCV	35 MPH	0.10043073	13.1613147	0.51817193	0.01691597	0.03599981	0.06173968	0.06298383	1.61E-01	0.00899995	0.02645986	0.05794513	9.34E-02	1815.09671	1806.02122	1,212	0.0050%	0.0704%
County	Fresno	2012	Annual	T7 tractor	35 MPH	0.65422298	12.7776834	3.35516121	0.01661236	0.03599981	0.06173968	0.41423295	5.12E-01	0.00899995	0.02645986	0.38109431	4.17E-01	1782.5195	1773.60691	62,043	0.2571%	3.6031%
County	Fresno	2012	Annual	T7 tractor construction	35 MPH	0.67986934	13.1718889	3.54456565	0.01661071	0.03599981	0.06173968	0.42839611	5.26E-01	0.00899995	0.02645986	0.39412442	4.30E-01	1782.34189	1773.43018	2,050	0.0085%	0.1191%
County	Fresno	2012	Annual	T7 utility	35 MPH	0.23452958	11.5355582	1.19818942	0.01658775	0.03599981	0.06173968	0.19151465	2.89E-01	0.00899995	0.02645986	0.17619347	2.12E-01	1779.87905	1770.97966	89	0.0004%	0.0051%
County	Fresno	2012	Annual	T7IS	35 MPH	1.15222452	5.79549217	35.305364	0.00644268	0.00799996	0.03674982	0.00123279	4.60E-02	0.00199999	0.01574992	0.0010248	1.88E-02	527.846498	525.207265	1,447	0.0060%	0.0840%
County	Fresno	2012	Annual	UBUS	35 MPH	0.50074758	9.84468299	3.74199797	0.01963034	0.00799996	0.60947975	0.14848097	7.66E-01	0.00199999	0.26120559	0.13658765	4.00E-01	1977.33907	1967.45237	7,736	0.0321%	0.4492%
																				1,721,923	7.1348%	100%

County	Fresno	2012	Annual	All Other Buses	40 MPH	0.32267015	8.29421629	1.31947607	0.01150848	0.01199994	0.13033932	0.2750586	4.17E-01	0.00299998	0.05585971	0.25305391	3.12E-01	1108.69187	1103.14841	1,385	0.0057%	0.0479%
County	Fresno	2012	Annual	LDA	40 MPH	0.05425287	0.172126	1.90839084	0.00335818	0.00799996	0.03674982	0.00216434	4.69E-02	0.00199999	0.01574992	0.00195947	1.97E-02	302.747817	283.985139	1,351,076	5.5982%	46.7661%
County	Fresno	2012	Annual	LDT1	40 MPH	0.14074332	0.42468819	4.3657017	0.00389998	0.00799996	0.03674981	0.0048587	4.96E-02	0.00199999	0.01574992	0.00439412	2.21E-02	348.101221	328.659137	195,428	0.8098%	6.7645%
County	Fresno	2012	Annual	LDT2	40 MPH	0.07739527	0.33353916	2.75108437	0.00459063	0.00799996	0.03674981	0.00237981	4.71E-02	0.00199999	0.01574992	0.00214814	1.99E-02	413.707873	395.471572	500,849	2.0753%	17.3364%
County	Fresno	2012	Annual	LHD1	40 MPH	0.13481927	1.97308266	1.54928362	0.00795032	0.00951721	0.05180477	0.0152813	7.66E-02	0.0023793	0.02220204	0.01405824	3.86E-02	494.349911	491.878162	24,955	0.1034%	0.8638%
County	Fresno	2012	Annual	LHD2	40 MPH	0.14043238	2.67511209	1.31951186	0.0068051	0.01046927	0.06911637	0.02314501	1.03E-01	0.00261732	0.0296213	0.02127708	5.35E-02	506.510475	503.977923	5,040	0.0209%	0.1745%
County	Fresno	2012	Annual	MCY	40 MPH	2.23793748	1.25252101	22.100415	0.00221582	0.00799996	0.03674981	0.00083758	4.56E-02	0.00199999	0.01574992	0.00066087	1.84E-02	125.775464	125.146586	20,115	0.0833%	0.6963%
County	Fresno	2012	Annual	MDV	40 MPH	0.08468318	0.45133993	3.2650937	0.00578263	0.00799996	0.03674981	0.00227239	4.70E-02	0.00199999	0.01574992	0.00207808	1.98E-02	521.501858	506.604283	544,820	2.2575%	18.8584%
County	Fresno	2012	Annual	MH	40 MPH	0.24497841	2.59090063	7.09236767	0.00786629	0.00871128	0.05339292	0.03273264	9.48E-02	0.00217782	0.02288268	0.03003459	5.51E-02	591.385478	588.42855	5,021	0.0208%	0.1738%
County	Fresno	2012	Annual	Motor Coach	40 MPH	0.4033744	11.1464603	2.05156165	0.01658573	0.01199994	0.13033932	0.30797154	4.50E-01	0.00299998	0.05585971	0.28333381	3.42E-01	1698.5215	1690.02889	1,457	0.0060%	0.0504%
County	Fresno	2012	Annual	OBUS	40 MPH	0.22168904	1.96740383	4.29595068	0.00694769	0.00799996	0.03674982	0.00094867	4.57E-02	0.00199999	0.01574992	0.00086655	1.86E-02	475.233245	472.857079	2,666	0.0110%	0.0923%
County	Fresno	2012	Annual	PTO	40 MPH	0.82249975	14.047218	3.89516321	0.02044152			0.4828081	4.83E-01			0.44418345	4.44E-01	2148.30116	2137.55965		0.0000%	0.0000%
County	Fresno	2012	Annual	SBUS	40 MPH	0.67281983	7.97030123	10.4037002	0.01126639	0.01065255	0.50629256	0.17843598	6.95E-01	0.00266314	0.21698253	0.16393862	3.84E-01	943.826841	939.107707	2,471	0.0102%	0.0855%
County	Fresno	2012	Annual	T6 Ag	40 MPH	0.41468096	8.58871057	1.6490741	0.01155563	0.01199994	0.13033932	0.33841761	4.81E-01	0.00299998	0.05585971	0.31134421	3.70E-01	1113.23508	1107.66891	3,045	0.0126%	0.1054%
County	Fresno	2012	Annual	T6 CAIRP heavy	40 MPH	0.18706416	5.81743181	0.8148335	0.01143721	0.01199994	0.13033932	0.14682359	2.89E-01	0.00299998	0.05585971	0.1350777	1.94E-01	1101.8267	1096.31756	107	0.0004%	0.0037%
County	Fresno	2012	Annual	T6 CAIRP small	40 MPH	0.16324039	4.5236319	0.70295312	0.01142733	0.01199994	0.13033932	0.12882711	2.71E-01	0.00299998	0.05585971	0.11852094	1.77E-01	1100.87432	1095.36995	357	0.0015%	0.0124%
County	Fresno	2012	Annual	T6 instate construction heavy	40 MPH	0.29676211	8.87374358	1.32127339	0.01144287	0.01199994	0.13033932	0.23505049	3.77E-01	0.00299998	0.05585971	0.21624645	2.75E-01	1102.37158	1096.85972	1,729	0.0072%	0.0599%
County	Fresno	2012	Annual	T6 instate construction small	40 MPH	0.23232623	6.72438512	1.03193686	0.01142616	0.01199994	0.13033932	0.19343924	3.36E-01	0.00299998	0.05585971	0.1779641	2.37E-01	1100.76217	1095.25836	4,437	0.0184%	0.1536%
County	Fresno	2012	Annual	T6 instate heavy	40 MPH	0.29090996	8.66333054	1.29475737	0.01143815	0.01199994	0.13033932	0.22967373	3.72E-01	0.00299998	0.05585971	0.21129983	2.70E-01	1101.9168	1096.40721	6,658	0.0276%	0.2305%
County	Fresno	2012	Annual	T6 instate small	40 MPH	0.22569061	6.48688555	1.00161692	0.01141972	0.01199994	0.13033932	0.18669808	3.29E-01	0.00299998	0.05585971	0.17176224	2.31E-01	1100.14144	1094.64073	17,331	0.0718%	0.5999%
County	Fresno	2012	Annual	T6 OOS heavy	40 MPH	0.18706416	5.81743181	0.8148335	0.01143721	0.01199994	0.13033932	0.14682359	2.89E-01	0.00299998	0.05585971	0.1350777	1.94E-01	1101.8267	1096.31756	61	0.0003%	0.0021%
County	Fresno	2012	Annual	T6 OOS small	40 MPH	0.16324039	4.5236319	0.70295312	0.01142733	0.01199994	0.13033932	0.12882711	2.71E-01	0.00299998	0.05585971	0.11852094	1.77E-01	1100.87432	1095.36995	205	0.0008%	0.0071%
County	Fresno	2012	Annual	T6 Public	40 MPH	0.22680528	8.26495592	0.91961183	0.01152473	0.01199994	0.13033932	0.2169963	3.59E-01	0.00299998	0.05585971	0.19963659	2.58E-01	1110.25812	1104.70683	750	0.0031%	0.0260%
County	Fresno	2012	Annual	T6 utility	40 MPH	0.10891239	6.05480745	0.48704897	0.01142875	0.01199994	0.13033932	0.10906321	2.51E-01	0.00299998	0.05585971	0.10033815	1.59E-01	1101.01185	1095.50679	165	0.0007%	0.0057%
County	Fresno	2012	Annual	T6TS	40 MPH	0.40073414	2.02369676	8.29990599	0.00704669	0.00799996	0.03674981	0.00236156	4.71E-02	0.00199999	0.01574992	0.0020565	1.98E-02	475.233246	472.857079	6,804	0.0282%	0.2355%
County	Fresno	2012	Annual	T7 Ag	40 MPH	0.61197508	14.6766469	3.5292356	0.01675061	0.03599981	0.06173968	0.50525279	6.03E-01	0.00899995	0.02645986	0.46483257	5.00E-01	1715.40617	1706.82914	6,564	0.0272%	0.2272%
County	Fresno	2012	Annual	T7 CAIRP	40 MPH	0.467386	9.53053739	2.24670629	0.0166066	0.03599981	0.06173968	0.32393848	4.22E-01	0.00899995	0.02645986	0.2980234	3.33E-01	1700.65809	1692.1548	41,193	0.1707%	1.4259%
County	Fresno	2012	Annual	T7 CAIRP construction	40 MPH	0.47297208	9.67659238	2.27398626	0.01661087	0.03599981	0.06173968	0.32899283	4.27E-01	0.00899995	0.02645986	0.30267341	3.38E-01	1701.09629	1692.59081	1,003	0.0042%	0.0347%
County	Fresno	2012	Annual	T7 NNOOS	40 MPH	0.32232642	5.74718537	1.51861673	0.0165322	0.03599981	0.06173968	0.18838641	2.86E-01	0.00899995	0.02645986	0.17331549	2.09E-01	1693.03951	1684.57431	46,341	0.1920%	1.6040%
County	Fresno	2012	Annual	T7 NOOS	40 MPH	0.46251011	9.53053739	2.21734882	0.01660883	0.03599981	0.06173968	0.32147979	4.19E-01	0.00899995	0.02645986	0.29576141	3.31E-01	1700.88722	1692.38278	15,002	0.0622%	0.5193%
County	Fresno	2012	Annual	T7 other port	40 MPH	0.21496881	15.4175417	1.04404409	0.01677273	0.03599981	0.06173968	0.18039594	2.78E-01	0.00899995	0.02645986	0.16596427	2.01E-01	1717.67121	1709.08285	772	0.0032%	0.0267%
County	Fresno	2012	Annual	T7 POAK	40 MPH	0.19732978	16.3015833	0.97464813	0.01678736	0.03599981	0.06173968	0.16006964	2.58E-01	0.00899995	0.02645986	0.14726407	1.83E-01	1719.16964	1710.57379	2,151	0.0089%	0.0745%
County	Fresno	2012	Annual	T7 POLA	40 MPH	0.32215325	7.94289864	1.49371973	0.01683694	0.03599981	0.06173968	0.12225322	2.20E-01	0.00899995	0.02645986	0.11247296	1.48E-01	1724.24717	1715.62594	3,562	0.0148%	0.1233%
County	Fresno	2012	Annual	T7 Public	40 MPH	0.44046211	15.1331486	2.67202082	0.01689721	0.03599981	0.06173968	0.47405234	5.72E-01	0.00899995	0.02645986	0.43612815	4.72E-01	1730.41977	1721.76768	551	0.0023%	0.0191%
County	Fresno	2012	Annual	T7 Single	40 MPH	0.32830506	11.2697586	1.78504272	0.01653934	0.03599981	0.06173968	0.22968585	3.27E-01	0.00899995	0.02645986	0.21131098	2.47E-01	1693.77002	1685.30117	3,788	0.0157%	0.1311%
County	Fresno	2012	Annual	T7 single construction	40 MPH	0.33269767	11.5015354	1.81125264	0.01654317	0.03599981	0.06173968	0.23404764	3.32E-01	0.00899995	0.02645986	0.21532383	2.51E-01	1694.16247	1685.69166	2,595	0.0108%	0.0898%
County	Fresno	2012	Annual	T7 SWCV	40 MPH	0.08651611	12.8226311	0.46569073	0.01691597	0.03599981	0.06173968	0.05923388	1.57E-01	0.00899995	0.02645986	0.05449517	9.00E-02	1732.34041	1723.67871	1,144	0.0047%	0.0396%
County	Fresno	2012	Annual	T7 tractor	40 MPH	0.55791328	12.3053912	2.98776749	0.01661236	0.03599981	0.06173968	0.39942152	4.97E-01	0.00899995	0.02645986	0.3674678	4.03E-01	1701.24851	1692.74227	58,551	0.2426%	2.0267%
County	Fresno	2012	Annual	T7 tractor construction	40 MPH	0.57836213	12.7221209	3.13389306	0.01661071	0.03599981	0.06173968	0.40937589	5.07E-01	0.00899995	0.02645986	0.37662582	4.12E-01	1701.079	1692.5736	1,935	0.0080%	0.0670%
County	Fresno	2012	Annual	T7 utility	40 MPH	0.1988778	11.2316272	1.06602853	0.01658775	0.03599981	0.06173968	0.18255347	2.80E-01	0.00899995	0.02645986	0.1679492	2.03E-01	1698.72845	1690.23481	84	0.0003%	0.0029%
County	Fresno	2012	Annual	T7IS	40 MPH	0.94737274	6.02982577	31.7677281	0.00644268	0.00799996	0.03674982	0.00101489	4.58E-02	0.00199999	0.01574992	0.00084366	1.86E-02	475.233206	472.857039	1,262	0.0052%	0.0437%
County	Fresno	2012	Annual	UBUS	40 MPH	0.43005067	9.94607488	3.33760399	0.01963034	0.00799996	0.60947975	0.13055933	7.48E-01	0.00199999	0.26120559	0.12010237	3.83E-01	1962.15501	1952.34424	5,577	0.0231%	0.1930%
																				2,889,006	11.9705%	100%

County	Fresno	2012	Annual	All Other Buses	45 MPH	0.28886782	8.10382172	1.19521076	0.01150848	0.01199994	0.13033932	0.27575433	4.18E-01	0.00299998	0.05585971	0.25369398	3.13E-01	1069.38539	1064.03846	1,134	0.0047%	0.0441%
County	Fresno	2012	Annual	LDA	45 MPH	0.05080641	0.17021365	1.80813572	0.00335818	0.00799996	0.03674982	0.00199375	4.67E-02	0.00199999	0.01574992	0.00180335	1.96E-02	291.312388	273.257028	1,153,310	4.7787%	44.8224%
County	Fresno	2012	Annual	LDT1	45 MPH	0.13157761	0.42293962	4.16196398	0.00389998	0.00799996	0.03674981	0.00447159	4.92E-02	0.00199999	0.01574992	0.00403993	2.18E-02	334.92538	316.219135	166,822	0.6912%	6.4834%
County	Fresno	2012	Annual	LDT2	45 MPH	0.07223155	0.32886734	2.60282082	0.00459063	0.00799996	0.03674981	0.00219245	4.69E-02	0.00199999	0.01574992	0.00197691	1.97E-02	398.026481	380.481651	427,537	1.7715%	16.6158%
County	Fresno	2012	Annual	LHD1	45 MPH	0.11928688	2.04870066	1.47277139	0.00795032	0.00951721	0.05180477	0.01379443	7.51E-02	0.0023793	0.02220204	0.0126904	3.73E-02	479.993516	477.593549	28,434	0.1178%	1.1051%
County	Fresno	2012	Annual	LHD2	45 MPH	0.12518237	2.78482522	1.24008648	0.0068051	0.01046927	0.06911637	0.02093364	1.01E-01	0.00261732	0.0296213	0.01924494	5.15E-02	497.772481	495.283619	5,590	0.0232%	0.2172%
County	Fresno	2012	Annual	MCY	45 MPH	2.35959546	1.29085674	24.7939511	0.00221582	0.00799996	0.03674981	0.00088662	4.56E-02	0.00199999	0.01574992	0.0006993	1.84E-02	124.561338	123.938532	17,171	0.0711%	0.6673%
County	Fresno	2012	Annual	MDV	45 MPH	0.07837792	0.44417914	3.07929191	0.00578263	0.00799996	0.03674981	0.00208811	4.68E-02	0.00199999	0.01574992	0.00190843	1.97E-02	501.742395	487.409353	465,071	1.9270%	18.0746%
County	Fresno	2012	Annual	MH	45 MPH	0.21157819	2.60249464	6.73369967	0.00786629	0.00871128	0.05339292	0.03261221	9.47E-02	0.00217782	0.02288268	0.02993507	5.50E-02	565.255308	562.429032	4,496	0.0186%	0.1747%
County	Fresno	2012	Annual	Motor Coach	45 MPH	0.35786399	10.8290204	1.92512612	0.01658573	0.01199994	0.13033932	0.3232391	4.66E-01	0.00299998	0.05585971	0.29737997	3.56E-01	1638.30376	1630.11225	2,039	0.0085%	0.0793%
County	Fresno	2012	Annual	OBUS	45 MPH	0.19162107	2.03458088	4.09017665	0.00694769	0.00799996	0.03674982	0.00081409	4.56E-02	0.00199999	0.01574992	0.00074361	1.85E-02	452.05583	449.795551	2,431	0.0101%	0.0945%
County	Fresno	2012	Annual	PTO	45 MPH	0.82249975	14.047218	3.89516321	0.02044152			0.4828081	4.83E-01			0.44418345	4.44E-01	2148.30116	2137.55965		0.0000%	0.0000%
County	Fresno	2012	Annual	SBUS	45 MPH	0.58664605	7.92455583	9.83296134	0.01126639	0.01065255	0.50629256	0.17006639	6.87E-01	0.00266314	0.21698253	0.15627016	3.76E-01	908.70421	904.160689	1,186	0.0049%	0.0461%
County	Fresno	2012	Annual	T6 Ag	45 MPH	0.37318902	8.42689491	1.45539504	0.01155563	0.01199994	0.13033932	0.32815746	4.70E-01	0.00299998	0.05585971	0.30190487	3.61E-01	1073.76753	1068.39869	2,493	0.0103%	0.0969%
County	Fresno	2012	Annual	T6 CAIRP heavy	45 MPH	0.16611722	5.66372661	0.75932013	0.01143721	0.01199994	0.13033932	0.15167785	2.94E-01	0.00299998	0.05585971	0.13954362	1.98E-01	1062.7636	1057.44979	87	0.0004%	0.0034%
County	Fresno	2012	Annual	T6 CAIRP small	45 MPH	0.14448495	4.33627801	0.67603507	0.01142733	0.01199994	0.13033932	0.13708749	2.79E-01	0.00299998	0.05585971	0.12612049	1.85E-01	1061.84499	1056.53577	292	0.0012%	0.0114%
County	Fresno	2012	Annual	T6 instate construction heavy	45 MPH	0.26492568	8.77138929	1.16749005	0.01144287	0.01199994	0.13033932	0.23147376	3.74E-01	0.00299998	0.05585971	0.21295586	2.72E-01	1063.28917	1057.97272	1,416	0.0059%	0.0550%
County	Fresno	2012	Annual	T6 instate construction small	45 MPH	0.20635798	6.55280134	0.94757473	0.01142616	0.01199994	0.13033932	0.19900521	3.41E-01	0.00299998	0.05585971	0.18308479	2.42E-01	1061.73682	1056.42814	3,634	0.0151%	0.1412%
County	Fresno	2012	Annual	T6 instate heavy	45 MPH	0.25968337	8.56237653	1.14494121	0.01143815	0.01199994	0.13033932	0.22624939	3.69E-01	0.00299998	0.05585971	0.20814944	2.67E-01	1062.85051	1057.53626	5,452	0.0226%	0.2119%
County	Fresno	2012	Annual	T6 instate small	45 MPH	0.20044868	6.32021809	0.9207633	0.01141972	0.01199994	0.13033932	0.19214468	3.34E-01	0.00299998	0.05585971	0.17677311	2.36E-01	1061.13809	1055.8324	14,192	0.0588%	0.5516%
County	Fresno	2012	Annual	T6 OOS heavy	45 MPH	0.16611722	5.66372661	0.75932013	0.01143721	0.01199994	0.13033932	0.15167785	2.94E-01	0.00299998	0.05585971	0.13954362	1.98E-01	1062.7636	1057.44979	50	0.0002%	0.0019%
County	Fresno	2012	Annual	T6 OOS small	45 MPH	0.14448495	4.33627801	0.67603507	0.01142733	0.01199994	0.13033932	0.13708749	2.79E-01	0.00299998	0.05585971	0.12612049	1.85E-01	1061.84499	1056.53577	168	0.0007%	0.0065%
County	Fresno	2012	Annual	T6 Public	45 MPH	0.20391865	8.14722123	0.80960552	0.01152473	0.01199994	0.13033932	0.20996811	3.52E-01	0.00299998	0.05585971	0.19317066	2.52E-01	1070.89611	1065.54163	614	0.0025%	0.0239%
County	Fresno	2012	Annual	T6 utility	45 MPH	0.09655381	5.92777025	0.45304851	0.01142875	0.01199994	0.13033932	0.11292301	2.55E-01	0.00299998	0.05585971	0.10388917	1.63E-01	1061.97765	1056.66776	135	0.0006%	0.0052%
County	Fresno	2012	Annual	T6TS	45 MPH	0.34500422	2.09253665	7.87995324	0.00704669	0.00799996	0.03674981	0.00202653	4.68E-02	0.00199999	0.01574992	0.00176474	1.95E-02	452.055859	449.79558	6,205	0.0257%	0.2412%
County	Fresno	2012	Annual	T7 Ag	45 MPH	0.54881004	14.4310616	3.11324027	0.01675061	0.03599981	0.06173968	0.49266913	5.90E-01	0.00899995	0.02645986	0.4532556	4.89E-01	1654.58982	1646.31688	9,191	0.0381%	0.3572%
County	Fresno	2012	Annual	T7 CAIRP	45 MPH	0.41319412	9.09201577	2.19624771	0.0166066	0.03599981	0.06173968	0.35023298	4.48E-01	0.00899995	0.02645986	0.32221434	3.58E-01	1640.36461	1632.16278	57,673	0.2390%	2.2414%
County	Fresno	2012	Annual	T7 CAIRP construction	45 MPH	0.41813679	9.23183636	2.22250697	0.01661087	0.03599981	0.06173968	0.35568411	4.53E-01	0.00899995	0.02645986	0.32722938	3.63E-01	1640.78727	1632.58334	1,405	0.0058%	0.0546%
County	Fresno	2012	Annual	T7 NNOOS	45 MPH	0.28471998	5.45107881	1.50684981	0.0165322	0.03599981	0.06173968	0.20519297	3.03E-01	0.00899995	0.02645986	0.18877754	2.24E-01	1633.01613	1624.85105	64,880	0.2688%	2.5215%
County	Fresno	2012	Annual	T7 NOOS	45 MPH	0.40884956	9.09201577	2.17169248	0.01660883	0.03599981	0.06173968	0.34797616	4.46E-01	0.00899995	0.02645986	0.32013807	3.56E-01	1640.58561	1632.38269	21,003	0.0870%	0.8163%
County	Fresno	2012	Annual	T7 other port	45 MPH	0.19012934	15.0731839	1.00695872	0.01677273	0.03599981	0.06173968	0.19471571	2.92E-01	0.00899995	0.02645986	0.17913846	2.15E-01	1656.77456	1648.49069	1,081	0.0045%	0.0420%
County	Fresno	2012	Annual	T7 POAK	45 MPH	0.17464744	16.0155157	0.92669632	0.01678736	0.03599981	0.06173968	0.17137123	2.69E-01	0.00899995	0.02645986	0.15766153	1.93E-01	1658.21987	1649.92877	3,012	0.0125%	0.1171%
County	Fresno	2012	Annual	T7 POLA	45 MPH	0.28431453	7.51163051	1.50780673	0.01683694	0.03599981	0.06173968	0.13458512	2.32E-01	0.00899995	0.02645986	0.12381831	1.59E-01	1663.11739	1654.8018	4,986	0.0207%	0.1938%
County	Fresno	2012	Annual	T7 Public	45 MPH	0.39746433	14.9348965	2.31839515	0.01689721	0.03599981	0.06173968	0.44997629	5.48E-01	0.00899995	0.02645986	0.41397819	4.49E-01	1669.07115	1660.7258	771	0.0032%	0.0300%
County	Fresno	2012	Annual	T7 Single	45 MPH	0.2916467	11.1113695	1.60531948	0.01653934	0.03599981	0.06173968	0.23084674	3.29E-01	0.00899995	0.02645986	0.212379	2.48E-01	1633.72074	1625.55214	5,303	0.0220%	0.2061%
County	Fresno	2012	Annual	T7 single construction	45 MPH	0.29556635	11.3412298	1.62736566	0.01654317	0.03599981	0.06173968	0.23515511	3.33E-01	0.00899995	0.02645986	0.2163427	2.52E-01	1634.09928	1625.92878	3,633	0.0151%	0.1412%
County	Fresno	2012	Annual	T7 SWCV	45 MPH	0.07710568	12.6247128	0.42846035	0.01691597	0.03599981	0.06173968	0.05859857	1.56E-01	0.00899995	0.02645986	0.05391069	8.94E-02	1670.9237	1662.56908	1,601	0.0066%	0.0622%
County	Fresno	2012	Annual	T7 tractor	45 MPH	0.49642105	11.9957462	2.72782484	0.01661236	0.03599981	0.06173968	0.40691264	5.05E-01	0.00899995	0.02645986	0.37435963	4.10E-01	1640.9341	1632.72943	81,975	0.3397%	3.1859%
County	Fresno	2012	Annual	T7 tractor construction	45 MPH	0.51488169	12.4327357	2.839907	0.01661071	0.03599981	0.06173968	0.4141055	5.12E-01	0.00899995	0.02645986	0.38097706	4.16E-01	1640.77059	1632.56674	2,709	0.0112%	0.1053%
County	Fresno	2012	Annual	T7 utility	45 MPH	0.17660625	11.0494784	0.97389782	0.01658775	0.03599981	0.06173968	0.18575023	2.83E-01	0.00899995	0.02645986	0.17089021	2.06E-01	1638.50338	1630.31086	117	0.0005%	0.0046%
County	Fresno	2012	Annual	T7IS	45 MPH	0.81185273	6.29832342	30.2503604	0.00644268	0.00799996	0.03674982	0.00087091	4.56E-02	0.00199999	0.01574992	0.00072397	1.85E-02	452.05584	449.795561	1,335	0.0055%	0.0519%
County	Fresno	2012	Annual	UBUS	45 MPH	0.38371098	10.5083759	3.1509043	0.01963034	0.00799996	0.60947975	0.11889236	7.36E-01	0.00199999	0.26120559	0.10937049	3.73E-01	1955.46627	1945.68894	2,431	0.0101%	0.0945%
																				2,573,066	10.6614%	100%

County	Fresno	2012	Annual	All Other Buses	50 MPH	0.27308079	8.01969996	1.11733721	0.01150848	0.01199994	0.13033932	0.29055988	4.33E-01	0.00299998	0.05585971	0.26731509	3.26E-01	1043.73616	1038.51748	1,269	0.0053%	0.0352%
County	Fresno	2012	Annual	LDA	50 MPH	0.04992513	0.17088209	1.74629234	0.00335818	0.00799996	0.03674982	0.00192813	4.67E-02	0.00199999	0.01574992	0.00174248	1.95E-02	291.040409	272.998925	1,604,250	6.6472%	44.5447%
County	Fresno	2012	Annual	LDT1	50 MPH	0.12878387	0.42929182	4.06484448	0.00389998	0.00799996	0.03674981	0.00430743	4.91E-02	0.00199999	0.01574992	0.00388755	2.16E-02	334.57995	315.891506	232,048	0.9615%	6.4432%
County	Fresno	2012	Annual	LDT2	50 MPH	0.07068251	0.33014245	2.50881106	0.00459063	0.00799996	0.03674981	0.00212024	4.69E-02	0.00199999	0.01574992	0.00190988	1.97E-02	397.606957	380.080156	594,702	2.4641%	16.5129%
County	Fresno	2012	Annual	LHD1	50 MPH	0.1103118	2.18013926	1.48570507	0.00795032	0.00951721	0.05180477	0.01274582	7.41E-02	0.0023793	0.02220204	0.01172572	3.63E-02	481.397122	478.990136	152,630	0.6324%	4.2380%
County	Fresno	2012	Annual	LHD2	50 MPH	0.11526369	2.9902925	1.23039527	0.0068051	0.01046927	0.06911637	0.01936539	9.90E-02	0.00261732	0.0296213	0.01780363	5.00E-02	498.626792	496.133658	25,866	0.1072%	0.7182%
County	Fresno	2012	Annual	MCY	50 MPH	2.60834523	1.33450552	29.3072393	0.00221582	0.00799996	0.03674981	0.00098283	4.57E-02	0.00199999	0.01574992	0.00077498	1.85E-02	126.951638	126.31688	23,885	0.0990%	0.6632%
County	Fresno	2012	Annual	MDV	50 MPH	0.07614524	0.44562944	2.95220749	0.00578263	0.00799996	0.03674981	0.00201474	4.68E-02	0.00199999	0.01574992	0.00184035	1.96E-02	501.221661	486.903021	646,912	2.6805%	17.9626%
County	Fresno	2012	Annual	MH	50 MPH	0.18983749	2.65361028	6.75570815	0.00786629	0.00871128	0.05339292	0.03443403	9.65E-02	0.00217782	0.02288268	0.03161833	5.67E-02	562.391831	559.579872	4,481	0.0186%	0.1244%
County	Fresno	2012	Annual	Motor Coach	50 MPH	0.33425504	10.6671478	1.86490215	0.01658573	0.01199994	0.13033932	0.35439668	4.97E-01	0.00299998	0.05585971	0.32604494	3.85E-01	1599.00902	1591.01397	2,121	0.0088%	0.0589%
County	Fresno	2012	Annual	OBUS	50 MPH	0.1693697	2.1308611	4.09443861	0.00694769	0.00799996	0.03674982	0.00072819	4.55E-02	0.00199999	0.01574992	0.00066516	1.84E-02	454.321788	452.050179	2,366	0.0098%	0.0657%
County	Fresno	2012	Annual	PTO	50 MPH	0.82249975	14.047218	3.89516321	0.02044152			0.4828081	4.83E-01			0.44418345	4.44E-01	2148.30116	2137.55965		0.0000%	0.0000%
County	Fresno	2012	Annual	SBUS	50 MPH	0.53688649	7.94332593	9.77533381	0.01126639	0.01065255	0.50629256	0.17169508	6.89E-01	0.00266314	0.21698253	0.15778871	3.77E-01	890.34944	885.897693	594	0.0025%	0.0165%
County	Fresno	2012	Annual	T6 Ag	50 MPH	0.35514498	8.36883952	1.32293611	0.01155563	0.01199994	0.13033932	0.33427398	4.77E-01	0.00299998	0.05585971	0.30753207	3.66E-01	1048.01319	1042.77313	2,790	0.0116%	0.0775%
County	Fresno	2012	Annual	T6 CAIRP heavy	50 MPH	0.15612006	5.5881059	0.73150716	0.01143721	0.01199994	0.13033932	0.16526742	3.08E-01	0.00299998	0.05585971	0.15204603	2.11E-01	1037.2732	1032.08683	98	0.0004%	0.0027%
County	Fresno	2012	Annual	T6 CAIRP small	50 MPH	0.13349113	4.22677344	0.66951099	0.01142733	0.01199994	0.13033932	0.15207578	2.94E-01	0.00299998	0.05585971	0.13990972	1.99E-01	1036.37662	1031.19473	327	0.0014%	0.0091%
County	Fresno	2012	Annual	T6 instate construction heavy	50 MPH	0.25603741	8.75512511	1.06941921	0.01144287	0.01199994	0.13033932	0.24461048	3.87E-01	0.00299998	0.05585971	0.22504164	2.84E-01	1037.78616	1032.59723	1,585	0.0066%	0.0440%
County	Fresno	2012	Annual	T6 instate construction small	50 MPH	0.19590914	6.46983769	0.90138617	0.01142616	0.01199994	0.13033932	0.21684121	3.59E-01	0.00299998	0.05585971	0.19949391	2.58E-01	1036.27104	1031.08969	4,067	0.0168%	0.1129%
County	Fresno	2012	Annual	T6 instate heavy	50 MPH	0.2508681	8.54573087	1.04956543	0.01143815	0.01199994	0.13033932	0.23913847	3.81E-01	0.00299998	0.05585971	0.22000739	2.79E-01	1037.35802	1032.17123	6,102	0.0253%	0.1694%
County	Fresno	2012	Annual	T6 instate small	50 MPH	0.19017209	6.23933177	0.87676765	0.01141972	0.01199994	0.13033932	0.20940768	3.52E-01	0.00299998	0.05585971	0.19265506	2.52E-01	1035.68668	1030.50824	15,883	0.0658%	0.4410%
County	Fresno	2012	Annual	T6 OOS heavy	50 MPH	0.15612006	5.5881059	0.73150716	0.01143721	0.01199994	0.13033932	0.16526742	3.08E-01	0.00299998	0.05585971	0.15204603	2.11E-01	1037.2732	1032.08683	56	0.0002%	0.0016%
County	Fresno	2012	Annual	T6 OOS small	50 MPH	0.13349113	4.22677344	0.66951099	0.01142733	0.01199994	0.13033932	0.15207578	2.94E-01	0.00299998	0.05585971	0.13990972	1.99E-01	1036.37662	1031.19473	187	0.0008%	0.0052%
County	Fresno	2012	Annual	T6 Public	50 MPH	0.19473781	8.11877083	0.73486435	0.01152473	0.01199994	0.13033932	0.21474603	3.57E-01	0.00299998	0.05585971	0.19756635	2.56E-01	1045.21065	1039.98459	687	0.0028%	0.0191%
County	Fresno	2012	Annual	T6 utility	50 MPH	0.09107569	5.8733054	0.4362333	0.01142875	0.01199994	0.13033932	0.12382293	2.66E-01	0.00299998	0.05585971	0.11391709	1.73E-01	1036.50609	1031.32356	151	0.0006%	0.0042%
County	Fresno	2012	Annual	T6TS	50 MPH	0.30723429	2.19244578	7.92960684	0.00704669	0.00799996	0.03674981	0.00181271	4.66E-02	0.00199999	0.01574992	0.00157855	1.93E-02	454.321802	452.050192	6,039	0.0250%	0.1677%
County	Fresno	2012	Annual	T7 Ag	50 MPH	0.52404806	14.3523687	2.82900818	0.01675061	0.03599981	0.06173968	0.50471985	6.02E-01	0.00899995	0.02645986	0.46434226	5.00E-01	1614.90445	1606.82993	9,558	0.0396%	0.2654%
County	Fresno	2012	Annual	T7 CAIRP	50 MPH	0.37776682	8.82865728	2.2041242	0.0166066	0.03599981	0.06173968	0.3913477	4.89E-01	0.00899995	0.02645986	0.36003988	3.95E-01	1601.02043	1593.01533	59,979	0.2485%	1.6654%
County	Fresno	2012	Annual	T7 CAIRP construction	50 MPH	0.38232878	8.9648038	2.23014902	0.01661087	0.03599981	0.06173968	0.3974315	4.95E-01	0.00899995	0.02645986	0.36563698	4.01E-01	1601.43296	1593.42579	1,461	0.0061%	0.0406%
County	Fresno	2012	Annual	T7 NNOOS	50 MPH	0.25810283	5.26866059	1.53029901	0.0165322	0.03599981	0.06173968	0.2301122	3.28E-01	0.00899995	0.02645986	0.21170322	2.47E-01	1593.8482	1585.87896	67,474	0.2796%	1.8735%
County	Fresno	2012	Annual	T7 NOOS	50 MPH	0.37337184	8.82865728	2.18277987	0.01660883	0.03599981	0.06173968	0.38900684	4.87E-01	0.00899995	0.02645986	0.3578863	3.93E-01	1601.23614	1593.22995	21,843	0.0905%	0.6065%
County	Fresno	2012	Annual	T7 other port	50 MPH	0.17545537	14.9185111	0.99991731	0.01677273	0.03599981	0.06173968	0.21763676	3.15E-01	0.00899995	0.02645986	0.20022582	2.36E-01	1617.03679	1608.9516	1,125	0.0047%	0.0312%
County	Fresno	2012	Annual	T7 POAK	50 MPH	0.16259909	15.9100278	0.90943883	0.01678736	0.03599981	0.06173968	0.19090171	2.89E-01	0.00899995	0.02645986	0.17562957	2.11E-01	1618.44743	1610.35519	3,132	0.0130%	0.0870%
County	Fresno	2012	Annual	T7 POLA	50 MPH	0.25498514	7.24308897	1.55154422	0.01683694	0.03599981	0.06173968	0.15162979	2.49E-01	0.00899995	0.02645986	0.1394994	1.75E-01	1623.22749	1615.11135	5,186	0.0215%	0.1440%
County	Fresno	2012	Annual	T7 Public	50 MPH	0.37942904	14.9012131	2.06208612	0.01689721	0.03599981	0.06173968	0.44621373	5.44E-01	0.00899995	0.02645986	0.41051663	4.46E-01	1629.03845	1620.89325	802	0.0033%	0.0223%
County	Fresno	2012	Annual	T7 Single	50 MPH	0.28022898	11.0682414	1.4984576	0.01653934	0.03599981	0.06173968	0.2489059	3.47E-01	0.00899995	0.02645986	0.22899343	2.64E-01	1594.53592	1586.56324	5,515	0.0229%	0.1531%
County	Fresno	2012	Annual	T7 single construction	50 MPH	0.28416407	11.2982135	1.5176993	0.01654317	0.03599981	0.06173968	0.25350855	3.51E-01	0.00899995	0.02645986	0.23322786	2.69E-01	1594.90537	1586.93085	3,779	0.0157%	0.1049%
County	Fresno	2012	Annual	T7 SWCV	50 MPH	0.07219947	12.5675599	0.40648081	0.01691597	0.03599981	0.06173968	0.06107791	1.59E-01	0.00899995	0.02645986	0.05619168	9.17E-02	1630.84656	1622.69233	1,665	0.0069%	0.0462%
County	Fresno	2012	Annual	T7 tractor	50 MPH	0.46974628	11.8487486	2.57533328	0.01661236	0.03599981	0.06173968	0.43670631	5.34E-01	0.00899995	0.02645986	0.40176981	4.37E-01	1601.57626	1593.56838	85,252	0.3532%	2.3672%
County	Fresno	2012	Annual	T7 tractor construction	50 MPH	0.48942802	12.3037332	2.66260746	0.01661071	0.03599981	0.06173968	0.44258493	5.40E-01	0.00899995	0.02645986	0.40717813	4.43E-01	1601.41668	1593.40959	2,817	0.0117%	0.0782%
County	Fresno	2012	Annual	T7 utility	50 MPH	0.16771493	10.9891118	0.9217973	0.01658775	0.03599981	0.06173968	0.2011049	2.99E-01	0.00899995	0.02645986	0.18501651	2.20E-01	1599.20384	1591.20782	122	0.0005%	0.0034%
County	Fresno	2012	Annual	T7IS	50 MPH	0.72418296	6.52289326	30.3742276	0.00644268	0.00799996	0.03674982	0.00077902	4.55E-02	0.00199999	0.01574992	0.00064759	1.84E-02	454.321841	452.050232	1,397	0.0058%	0.0388%
County	Fresno	2012	Annual	UBUS	50 MPH	0.3555922	11.6138378	3.14826364	0.01963034	0.00799996	0.60947975	0.11212638	7.30E-01	0.00199999	0.26120559	0.1031469	3.66E-01	1956.12007	1946.33947	1,235	0.0051%	0.0343%
																				3,601,437	14.9225%	100%

County	Fresno	2012	Annual	All Other Buses	55 MPH	0.27530904	8.04185101	1.08585541	0.01150848	0.01199994	0.13033932	0.31947526	4.62E-01	0.00299998	0.05585971	0.29391724	3.53E-01	1031.74418	1026.58546	1,860	0.0077%	0.0696%
County	Fresno	2012	Annual	LDA	55 MPH	0.05148853	0.17426693	1.72521841	0.00335818	0.00799996	0.03674982	0.0019581	4.67E-02	0.00199999	0.01574992	0.00176815	1.95E-02	301.743515	283.034434	1,135,600	4.7053%	42.4932%
County	Fresno	2012	Annual	LDT1	55 MPH	0.13203501	0.44452472	4.08188096	0.00389998	0.00799996	0.03674981	0.00434472	4.91E-02	0.00199999	0.01574992	0.00391702	2.17E-02	346.860481	327.484231	164,260	0.6806%	6.1465%
County	Fresno	2012	Annual	LDT2	55 MPH	0.07254263	0.33774214	2.47152117	0.00459063	0.00799996	0.03674981	0.0021528	4.69E-02	0.00199999	0.01574992	0.00193738	1.97E-02	412.195266	394.024908	420,972	1.7443%	15.7524%
County	Fresno	2012	Annual	LHD1	55 MPH	0.10130851	2.43489405	1.5459786	0.00795032	0.00951721	0.05180477	0.01205317	7.34E-02	0.0023793	0.02220204	0.01108851	3.57E-02	498.79873	496.304736	62,537	0.2591%	2.3401%
County	Fresno	2012	Annual	LHD2	55 MPH	0.10811301	3.35571405	1.29795491	0.0068051	0.01046927	0.06911637	0.01832229	9.79E-02	0.00261732	0.0296213	0.01684482	4.91E-02	509.21824	506.672149	12,640	0.0524%	0.4730%
County	Fresno	2012	Annual	MCY	55 MPH	3.02498474	1.3849151	36.6015342	0.00221582	0.00799996	0.03674981	0.00114087	4.59E-02	0.00199999	0.01574992	0.00089947	1.86E-02	133.42693	132.759796	16,907	0.0701%	0.6327%
County	Fresno	2012	Annual	MDV	55 MPH	0.07764577	0.45625124	2.88527682	0.00578263	0.00799996	0.03674981	0.00204167	4.68E-02	0.00199999	0.01574992	0.00186397	1.96E-02	519.622203	504.777424	457,930	1.8974%	17.1353%
County	Fresno	2012	Annual	MH	55 MPH	0.17657286	2.71647217	7.17757301	0.00786629	0.00871128	0.05339292	0.03816667	1.00E-01	0.00217782	0.02288268	0.03505648	6.01E-02	583.108524	580.192981	5,989	0.0248%	0.2241%
County	Fresno	2012	Annual	Motor Coach	55 MPH	0.33254755	10.6608424	1.87088972	0.01658573	0.01199994	0.13033932	0.40144426	5.44E-01	0.00299998	0.05585971	0.36932872	4.28E-01	1580.63725	1572.73407	2,586	0.0107%	0.0968%
County	Fresno	2012	Annual	OBUS	55 MPH	0.1537831	2.22003896	4.34150774	0.00694769	0.00799996	0.03674982	0.00067896	4.54E-02	0.00199999	0.01574992	0.00062019	1.84E-02	482.415542	480.003464	3,095	0.0128%	0.1158%
County	Fresno	2012	Annual	PTO	55 MPH	0.82249975	14.047218	3.89516321	0.02044152			0.4828081	4.83E-01			0.44418345	4.44E-01	2148.30116	2137.55965		0.0000%	0.0000%
County	Fresno	2012	Annual	SBUS	55 MPH	0.52115945	8.06416691	10.41756	0.01126639	0.01065255	0.50629256	0.18329076	7.00E-01	0.00266314	0.21698253	0.16846827	3.88E-01	888.863411	884.419094	884	0.0037%	0.0331%
County	Fresno	2012	Annual	T6 Ag	55 MPH	0.36054884	8.41454443	1.25169732	0.01155563	0.01199994	0.13033932	0.35676718	4.99E-01	0.00299998	0.05585971	0.3282258	3.87E-01	1035.97208	1030.79222	4,089	0.0169%	0.1530%
County	Fresno	2012	Annual	T6 CAIRP heavy	55 MPH	0.15707267	5.59056969	0.73139458	0.01143721	0.01199994	0.13033932	0.18759233	3.30E-01	0.00299998	0.05585971	0.17258494	2.31E-01	1025.35548	1020.2287	143	0.0006%	0.0054%
County	Fresno	2012	Annual	T6 CAIRP small	55 MPH	0.13025893	4.19511821	0.68338087	0.01142733	0.01199994	0.13033932	0.17379197	3.16E-01	0.00299998	0.05585971	0.15988861	2.19E-01	1024.4692	1019.34685	479	0.0020%	0.0179%
County	Fresno	2012	Annual	T6 instate construction heavy	55 MPH	0.27009731	8.82495105	1.02706088	0.01144287	0.01199994	0.13033932	0.27446065	4.17E-01	0.00299998	0.05585971	0.2525038	3.11E-01	1025.86254	1020.73323	2,323	0.0096%	0.0869%
County	Fresno	2012	Annual	T6 instate construction small	55 MPH	0.20097971	6.47549418	0.89337119	0.01142616	0.01199994	0.13033932	0.24694724	3.89E-01	0.00299998	0.05585971	0.22719146	2.86E-01	1024.36484	1019.24301	5,959	0.0247%	0.2230%
County	Fresno	2012	Annual	T6 instate heavy	55 MPH	0.26446415	8.61339355	1.00863001	0.01143815	0.01199994	0.13033932	0.26834096	4.11E-01	0.00299998	0.05585971	0.24687369	3.06E-01	1025.43933	1020.31213	8,941	0.0370%	0.3346%
County	Fresno	2012	Annual	T6 instate small	55 MPH	0.19486085	6.24422661	0.86962998	0.01141972	0.01199994	0.13033932	0.23848707	3.81E-01	0.00299998	0.05585971	0.2194081	2.78E-01	1023.78719	1018.66825	23,275	0.0964%	0.8709%
County	Fresno	2012	Annual	T6 OOS heavy	55 MPH	0.15707267	5.59056969	0.73139458	0.01143721	0.01199994	0.13033932	0.18759233	3.30E-01	0.00299998	0.05585971	0.17258494	2.31E-01	1025.35548	1020.2287	82	0.0003%	0.0031%
County	Fresno	2012	Annual	T6 OOS small	55 MPH	0.13025893	4.19511821	0.68338087	0.01142733	0.01199994	0.13033932	0.17379197	3.16E-01	0.00299998	0.05585971	0.15988861	2.19E-01	1024.4692	1019.34685	275	0.0011%	0.0103%
County	Fresno	2012	Annual	T6 Public	55 MPH	0.19926276	8.17960471	0.69538835	0.01152473	0.01199994	0.13033932	0.23133004	3.74E-01	0.00299998	0.05585971	0.21282364	2.72E-01	1033.20173	1028.03572	1,007	0.0042%	0.0377%
County	Fresno	2012	Annual	T6 utility	55 MPH	0.09247802	5.89141288	0.43660336	0.01142875	0.01199994	0.13033932	0.14176295	2.84E-01	0.00299998	0.05585971	0.13042192	1.89E-01	1024.59719	1019.4742	221	0.0009%	0.0083%
County	Fresno	2012	Annual	T6TS	55 MPH	0.28230775	2.2846094	8.44483046	0.00704669	0.00799996	0.03674981	0.00169016	4.64E-02	0.00199999	0.01574992	0.00147183	1.92E-02	482.415549	480.003471	7,898	0.0327%	0.2955%
County	Fresno	2012	Annual	T7 Ag	55 MPH	0.53768916	14.4405683	2.67653932	0.01675061	0.03599981	0.06173968	0.54140494	6.39E-01	0.00899995	0.02645986	0.49809255	5.34E-01	1596.35006	1588.36831	11,655	0.0483%	0.4361%
County	Fresno	2012	Annual	T7 CAIRP	55 MPH	0.36110412	8.74046191	2.27033578	0.0166066	0.03599981	0.06173968	0.44728265	5.45E-01	0.00899995	0.02645986	0.41150003	4.47E-01	1582.62556	1574.71243	73,140	0.3031%	2.7368%
County	Fresno	2012	Annual	T7 CAIRP construction	55 MPH	0.36554804	8.8754947	2.29691241	0.01661087	0.03599981	0.06173968	0.45423502	5.52E-01	0.00899995	0.02645986	0.41789621	4.53E-01	1583.03335	1575.11818	1,781	0.0074%	0.0667%
County	Fresno	2012	Annual	T7 NNOOS	55 MPH	0.24247497	5.19993072	1.58896431	0.0165322	0.03599981	0.06173968	0.26314408	3.61E-01	0.00899995	0.02645986	0.24209255	2.78E-01	1575.53574	1567.65806	82,280	0.3409%	3.0788%
County	Fresno	2012	Annual	T7 NOOS	55 MPH	0.35607693	8.74046191	2.250611	0.01660883	0.03599981	0.06173968	0.44457184	5.42E-01	0.00899995	0.02645986	0.4090061	4.44E-01	1582.83878	1574.92459	26,636	0.1104%	0.9967%
County	Fresno	2012	Annual	T7 other port	55 MPH	0.17094692	14.9535235	1.02291986	0.01677273	0.03599981	0.06173968	0.24915908	3.47E-01	0.00899995	0.02645986	0.22922635	2.65E-01	1598.45789	1590.4656	1,371	0.0057%	0.0513%
County	Fresno	2012	Annual	T7 POAK	55 MPH	0.16118472	15.9851198	0.92287565	0.01678736	0.03599981	0.06173968	0.21866107	3.16E-01	0.00899995	0.02645986	0.20116819	2.37E-01	1599.85233	1591.85307	3,820	0.0158%	0.1429%
County	Fresno	2012	Annual	T7 POLA	55 MPH	0.23416509	7.13727402	1.62493222	0.01683694	0.03599981	0.06173968	0.17338721	2.71E-01	0.00899995	0.02645986	0.15951624	1.95E-01	1604.57746	1596.55458	6,324	0.0262%	0.2366%
County	Fresno	2012	Annual	T7 Public	55 MPH	0.38635626	15.0320983	1.90309374	0.01689721	0.03599981	0.06173968	0.46276465	5.61E-01	0.00899995	0.02645986	0.42574348	4.61E-01	1610.32166	1602.27005	978	0.0041%	0.0366%
County	Fresno	2012	Annual	T7 Single	55 MPH	0.2940519	11.1403742	1.46445709	0.01653934	0.03599981	0.06173968	0.28386334	3.82E-01	0.00899995	0.02645986	0.26115427	2.97E-01	1576.21555	1568.33447	6,726	0.0279%	0.2517%
County	Fresno	2012	Annual	T7 single construction	55 MPH	0.29849081	11.3724865	1.48225354	0.01654317	0.03599981	0.06173968	0.28910794	3.87E-01	0.00899995	0.02645986	0.26597931	3.01E-01	1576.58076	1568.69785	4,608	0.0191%	0.1724%
County	Fresno	2012	Annual	T7 SWCV	55 MPH	0.07179746	12.6511724	0.39975209	0.01691597	0.03599981	0.06173968	0.0666719	1.64E-01	0.00899995	0.02645986	0.06133815	9.68E-02	1612.109	1604.04845	2,031	0.0084%	0.0760%
County	Fresno	2012	Annual	T7 tractor	55 MPH	0.47788897	11.8643982	2.5302928	0.01661236	0.03599981	0.06173968	0.48880253	5.87E-01	0.00899995	0.02645986	0.44969833	4.85E-01	1583.175	1575.25913	103,959	0.4308%	3.8901%
County	Fresno	2012	Annual	T7 tractor construction	55 MPH	0.50200112	12.3351135	2.60199444	0.01661071	0.03599981	0.06173968	0.49481418	5.93E-01	0.00899995	0.02645986	0.45522905	4.91E-01	1583.01725	1575.10217	3,436	0.0142%	0.1286%
County	Fresno	2012	Annual	T7 utility	55 MPH	0.17220384	11.0505276	0.90972696	0.01658775	0.03599981	0.06173968	0.22861751	3.26E-01	0.00899995	0.02645986	0.21032811	2.46E-01	1580.82984	1572.92569	149	0.0006%	0.0056%
County	Fresno	2012	Annual	T7IS	55 MPH	0.6759642	6.71376119	32.2658525	0.00644268	0.00799996	0.03674982	0.00072635	4.55E-02	0.00199999	0.01574992	0.0006038	1.84E-02	482.415546	480.003468	2,050	0.0085%	0.0767%
County	Fresno	2012	Annual	UBUS	55 MPH	0.34218367	13.4393137	3.3290223	0.01963034	0.00799996	0.60947975	0.10951374	7.27E-01	0.00199999	0.26120559	0.1007439	3.64E-01	1964.22789	1954.40675	1,531	0.0063%	0.0573%
																				2,672,428	11.0732%	100%

County	Fresno	2012	Annual	All Other Buses	60 MPH	0.29555258	8.17027487	1.10076537	0.01150848	0.01199994	0.13033932	0.36250046	5.05E-01	0.00299998	0.05585971	0.33350042	3.92E-01	1033.40947	1028.24242	2,235	0.0093%	0.0791%
County	Fresno	2012	Annual	LDA	60 MPH	0.05565101	0.18021635	1.75171914	0.00335818	0.00799996	0.03674982	0.00208909	4.68E-02	0.00199999	0.01574992	0.00188509	1.96E-02	324.647758	304.513097	1,367,297	5.6654%	48.3784%
County	Fresno	2012	Annual	LDT1	60 MPH	0.14160683	0.46895536	4.23255276	0.00389998	0.00799996	0.03674981	0.00459154	4.93E-02	0.00199999	0.01574992	0.00413512	2.19E-02	373.173719	352.325299	197,774	0.8195%	6.9977%
County	Fresno	2012	Annual	LDT2	60 MPH	0.07798923	0.35156677	2.4993281	0.00459063	0.00799996	0.03674981	0.00229584	4.70E-02	0.00199999	0.01574992	0.00206434	1.98E-02	443.46188	423.912702	506,862	2.1002%	17.9341%
County	Fresno	2012	Annual	LHD1	60 MPH	0.09473934	2.65932408	1.62866214	0.00795032	0.00951721	0.05180477	0.01146178	7.28E-02	0.0023793	0.02220204	0.01054598	3.51E-02	534.589598	531.91665		0.0000%	0.0000%
County	Fresno	2012	Annual	LHD2	60 MPH	0.10019859	3.69020959	1.27758082	0.0068051	0.01046927	0.06911637	0.01795413	9.75E-02	0.00261732	0.0296213	0.016513	4.88E-02	531.289115	528.632669		0.0000%	0.0000%
County	Fresno	2012	Annual	MCY	60 MPH	3.67612604	1.44132745	48.236782	0.00221582	0.00799996	0.03674981	0.00138676	4.61E-02	0.00199999	0.01574992	0.0010933	1.88E-02	144.949683	144.224934	20,357	0.0843%	0.7203%
County	Fresno	2012	Annual	MDV	60 MPH	0.08300475	0.47600677	2.88624068	0.00578263	0.00799996	0.03674981	0.00217384	4.69E-02	0.00199999	0.01574992	0.0019837	1.97E-02	559.051261	543.079567	551,361	2.2846%	19.5085%
County	Fresno	2012	Annual	MH	60 MPH	0.17222733	2.78116539	8.03842259	0.00786629	0.00871128	0.05339292	0.04379316	1.06E-01	0.00217782	0.02288268	0.04023445	6.53E-02	631.380539	628.223636	6,967	0.0289%	0.2465%
County	Fresno	2012	Annual	Motor Coach	60 MPH	0.35274152	10.8101042	1.94308885	0.01658573	0.01199994	0.13033932	0.46438185	6.07E-01	0.00299998	0.05585971	0.42723131	4.86E-01	1583.18847	1575.27253	788	0.0033%	0.0279%
County	Fresno	2012	Annual	OBUS	60 MPH	0.14668022	2.28977779	4.87530991	0.00694769	0.00799996	0.03674982	0.00065988	4.54E-02	0.00199999	0.01574992	0.00060276	1.84E-02	541.209197	538.503151	3,571	0.0148%	0.1264%
County	Fresno	2012	Annual	PTO	60 MPH	0.82249975	14.047218	3.89516321	0.02044152			0.4828081	4.83E-01			0.44418345	4.44E-01	2148.30116	2137.55965		0.0000%	0.0000%
County	Fresno	2012	Annual	SBUS	60 MPH	0.53086837	8.22519372	11.5682005	0.01126639	0.01065255	0.50629256	0.20483647	7.22E-01	0.00266314	0.21698253	0.18829481	4.08E-01	905.524923	900.997298	492	0.0020%	0.0174%
County	Fresno	2012	Annual	T6 Ag	60 MPH	0.3894006	8.56400961	1.24167867	0.01155563	0.01199994	0.13033932	0.39563704	5.38E-01	0.00299998	0.05585971	0.36398608	4.23E-01	1037.64418	1032.45596	4,914	0.0204%	0.1739%
County	Fresno	2012	Annual	T6 CAIRP heavy	60 MPH	0.16897506	5.67111797	0.7589824	0.01143721	0.01199994	0.13033932	0.21865256	3.61E-01	0.00299998	0.05585971	0.20116035	2.60E-01	1027.01045	1021.8754	172	0.0007%	0.0061%
County	Fresno	2012	Annual	T6 CAIRP small	60 MPH	0.13478837	4.2413123	0.71764473	0.01142733	0.01199994	0.13033932	0.20223606	3.45E-01	0.00299998	0.05585971	0.18605717	2.45E-01	1026.12274	1020.99213	576	0.0024%	0.0204%
County	Fresno	2012	Annual	T6 instate construction heavy	60 MPH	0.30710536	8.98086709	1.04041505	0.01144287	0.01199994	0.13033932	0.32102428	4.63E-01	0.00299998	0.05585971	0.29534233	3.54E-01	1027.51833	1022.38074	2,791	0.0116%	0.0987%
County	Fresno	2012	Annual	T6 instate construction small	60 MPH	0.22156969	6.5697708	0.92352977	0.01142616	0.01199994	0.13033932	0.28932331	4.32E-01	0.00299998	0.05585971	0.26617744	3.25E-01	1026.01821	1020.88812	7,161	0.0297%	0.2534%
County	Fresno	2012	Annual	T6 instate heavy	60 MPH	0.30047152	8.76536457	1.02213496	0.01143815	0.01199994	0.13033932	0.31385686	4.56E-01	0.00299998	0.05585971	0.28874831	3.48E-01	1027.09443	1021.95896	10,745	0.0445%	0.3802%
County	Fresno	2012	Annual	T6 instate small	60 MPH	0.21451496	6.3349026	0.89935029	0.01141972	0.01199994	0.13033932	0.27938285	4.22E-01	0.00299998	0.05585971	0.25703223	3.16E-01	1025.43963	1020.31243	27,969	0.1159%	0.9896%
County	Fresno	2012	Annual	T6 OOS heavy	60 MPH	0.16897506	5.67111797	0.7589824	0.01143721	0.01199994	0.13033932	0.21865256	3.61E-01	0.00299998	0.05585971	0.20116035	2.60E-01	1027.01045	1021.8754	99	0.0004%	0.0035%
County	Fresno	2012	Annual	T6 OOS small	60 MPH	0.13478837	4.2413123	0.71764473	0.01142733	0.01199994	0.13033932	0.20223606	3.45E-01	0.00299998	0.05585971	0.18605717	2.45E-01	1026.12274	1020.99213	330	0.0014%	0.0117%
County	Fresno	2012	Annual	T6 Public	60 MPH	0.2174935	8.32972288	0.69117749	0.01152473	0.01199994	0.13033932	0.25972015	4.02E-01	0.00299998	0.05585971	0.23894253	2.98E-01	1034.86937	1029.69502	1,210	0.0050%	0.0428%
County	Fresno	2012	Annual	T6 utility	60 MPH	0.10076081	5.98209271	0.45415866	0.01142875	0.01199994	0.13033932	0.16674309	3.09E-01	0.00299998	0.05585971	0.15340364	2.12E-01	1026.25093	1021.11968	266	0.0011%	0.0094%
County	Fresno	2012	Annual	T6TS	60 MPH	0.27090432	2.35610875	9.46254118	0.00704669	0.00799996	0.03674981	0.00164267	4.64E-02	0.00199999	0.01574992	0.00143047	1.92E-02	541.209122	538.503076	9,114	0.0378%	0.3225%
County	Fresno	2012	Annual	T7 Ag	60 MPH	0.58973333	14.6956604	2.6558337	0.01675061	0.03599981	0.06173968	0.60272441	7.00E-01	0.00899995	0.02645986	0.55450646	5.90E-01	1598.92664	1590.93201	3,551	0.0147%	0.1256%
County	Fresno	2012	Annual	T7 CAIRP	60 MPH	0.363206	8.82742966	2.39488244	0.0166066	0.03599981	0.06173968	0.51803782	6.16E-01	0.00899995	0.02645986	0.4765948	5.12E-01	1585.17999	1577.25409	22,281	0.0923%	0.7884%
County	Fresno	2012	Annual	T7 CAIRP construction	60 MPH	0.36779457	8.96390905	2.42279713	0.01661087	0.03599981	0.06173968	0.52609465	6.24E-01	0.00899995	0.02645986	0.48400708	5.19E-01	1585.58843	1577.66049	543	0.0022%	0.0192%
County	Fresno	2012	Annual	T7 NNOOS	60 MPH	0.23783641	5.24488919	1.68284573	0.0165322	0.03599981	0.06173968	0.30428862	4.02E-01	0.00899995	0.02645986	0.27994553	3.15E-01	1578.07872	1570.18833	25,065	0.1039%	0.8869%
County	Fresno	2012	Annual	T7 NOOS	60 MPH	0.35696485	8.82742966	2.37518585	0.01660883	0.03599981	0.06173968	0.51467116	6.12E-01	0.00899995	0.02645986	0.47349747	5.09E-01	1585.39356	1577.46659	8,114	0.0336%	0.2871%
County	Fresno	2012	Annual	T7 other port	60 MPH	0.17660397	15.178221	1.07596636	0.01677273	0.03599981	0.06173968	0.28928267	3.87E-01	0.00899995	0.02645986	0.26614006	3.02E-01	1601.03788	1593.03269	418	0.0017%	0.0148%
County	Fresno	2012	Annual	T7 POAK	60 MPH	0.17040433	16.2407916	0.96700678	0.01678736	0.03599981	0.06173968	0.25464933	3.52E-01	0.00899995	0.02645986	0.23427738	2.70E-01	1602.43456	1594.42239	1,164	0.0048%	0.0412%
County	Fresno	2012	Annual	T7 POLA	60 MPH	0.22185437	7.19418566	1.72797072	0.01683694	0.03599981	0.06173968	0.1998574	2.98E-01	0.00899995	0.02645986	0.18386881	2.19E-01	1607.16733	1599.13149	1,926	0.0080%	0.0682%
County	Fresno	2012	Annual	T7 Public	60 MPH	0.41824597	15.3275521	1.841418	0.01689721	0.03599981	0.06173968	0.49962905	5.97E-01	0.00899995	0.02645986	0.45965873	4.95E-01	1612.92079	1604.85619	298	0.0012%	0.0105%
County	Fresno	2012	Annual	T7 Single	60 MPH	0.33311546	11.3277681	1.50331795	0.01653934	0.03599981	0.06173968	0.33571904	4.33E-01	0.00899995	0.02645986	0.30886152	3.44E-01	1578.75963	1570.86584	2,049	0.0085%	0.0725%
County	Fresno	2012	Annual	T7 single construction	60 MPH	0.3385466	11.5640489	1.52102839	0.01654317	0.03599981	0.06173968	0.34195329	4.40E-01	0.00899995	0.02645986	0.31459703	3.50E-01	1579.12543	1571.2298	1,404	0.0058%	0.0497%
County	Fresno	2012	Annual	T7 SWCV	60 MPH	0.07589965	12.8755503	0.40827421	0.01691597	0.03599981	0.06173968	0.07538054	1.73E-01	0.00899995	0.02645986	0.0693501	1.05E-01	1614.71102	1606.63746	619	0.0026%	0.0219%
County	Fresno	2012	Annual	T7 tractor	60 MPH	0.52084914	12.0426951	2.59270339	0.01661236	0.03599981	0.06173968	0.56320129	6.61E-01	0.00899995	0.02645986	0.51814519	5.54E-01	1585.73032	1577.80167	31,670	0.1312%	1.1206%
County	Fresno	2012	Annual	T7 tractor construction	60 MPH	0.55260099	12.5268765	2.65806795	0.01661071	0.03599981	0.06173968	0.57079325	6.69E-01	0.00899995	0.02645986	0.52512979	5.61E-01	1585.57231	1577.64445	1,047	0.0043%	0.0370%
County	Fresno	2012	Annual	T7 utility	60 MPH	0.19007298	11.2337256	0.9376868	0.01658775	0.03599981	0.06173968	0.26828803	3.66E-01	0.00899995	0.02645986	0.24682499	2.82E-01	1583.38137	1575.46446	45	0.0002%	0.0016%
County	Fresno	2012	Annual	T7IS	60 MPH	0.6524684	6.98365268	36.2066014	0.00644268	0.00799996	0.03674982	0.00070594	4.55E-02	0.00199999	0.01574992	0.00058684	1.83E-02	541.209232	538.503186	506	0.0021%	0.0179%
County	Fresno	2012	Annual	UBUS	60 MPH	0.34185028	16.3059425	3.72523221	0.01963034	0.00799996	0.60947975	0.11077341	7.28E-01	0.00199999	0.26120559	0.10190304	3.65E-01	1981.1953	1971.28932	2,506	0.0104%	0.0887%
																				2,826,255	11.7105%	100%

County	Fresno	2012	Annual	All Other Buses	65 MPH	0.3338114	8.40497153	1.16206708	0.01150848	0.01199994	0.13033932	0.41963549	5.62E-01	0.00299998	0.05585971	0.38606465	4.45E-01	1048.732	1043.48834	352	0.0015%	0.0131%
County	Fresno	2012	Annual	LDA	65 MPH	0.06312415	0.18926913	1.84659809	0.00335818	0.00799996	0.03674982	0.00234291	4.71E-02	0.00199999	0.01574992	0.00211286	1.99E-02	362.595685	340.099973	1,348,705	5.5883%	50.4084%
County	Fresno	2012	Annual	LDT1	65 MPH	0.15915183	0.50508989	4.57311061	0.00389998	0.00799996	0.03674981	0.00508807	4.98E-02	0.00199999	0.01574992	0.0045775	2.23E-02	416.772828	393.484976	195,085	0.8083%	7.2914%
County	Fresno	2012	Annual	LDT2	65 MPH	0.08796055	0.37304706	2.61912647	0.00459063	0.00799996	0.03674981	0.00257282	4.73E-02	0.00199999	0.01574992	0.00231169	2.01E-02	495.278802	473.444299	499,970	2.0716%	18.6866%
County	Fresno	2012	Annual	LHD1	65 MPH	0.10022385	3.17395603	2.00927531	0.00795032	0.00951721	0.05180477	0.01151176	7.28E-02	0.0023793	0.02220204	0.01059199	3.52E-02	596.729988	593.746338		0.0000%	0.0000%
County	Fresno	2012	Annual	LHD2	65 MPH	0.10290523	4.43063556	1.54993694	0.0068051	0.01046927	0.06911637	0.01767006	9.73E-02	0.00261732	0.0296213	0.01625075	4.85E-02	568.668533	565.82519		0.0000%	0.0000%
County	Fresno	2012	Annual	MCY	65 MPH	4.68383856	1.50518726	67.2306501	0.00221582	0.00799996	0.03674981	0.0017651	4.65E-02	0.00199999	0.01574992	0.00139171	1.91E-02	163.183064	162.367149	20,080	0.0832%	0.7505%
County	Fresno	2012	Annual	MDV	65 MPH	0.09319816	0.50704953	2.98233959	0.00578263	0.00799996	0.03674981	0.00243319	4.72E-02	0.00199999	0.01574992	0.00221947	2.00E-02	624.390666	606.551333	543,864	2.2535%	20.3271%
County	Fresno	2012	Annual	MH	65 MPH	0.1792935	2.84093086	9.5018511	0.00786629	0.00871128	0.05339292	0.05130712	1.13E-01	0.00217782	0.02288268	0.04714657	7.22E-02	716.014694	712.43462	1,090	0.0045%	0.0408%
County	Fresno	2012	Annual	Motor Coach	65 MPH	0.39483695	11.1149333	2.08149953	0.01658573	0.01199994	0.13033932	0.54320946	6.86E-01	0.00299998	0.05585971	0.4997527	5.59E-01	1606.66268	1598.62936	432	0.0018%	0.0161%
County	Fresno	2012	Annual	OBUS	65 MPH	0.15185463	2.33366333	5.80361312	0.00694769	0.00799996	0.03674982	0.00066852	4.54E-02	0.00199999	0.01574992	0.00061065	1.84E-02	641.497906	638.290416	558	0.0023%	0.0209%
County	Fresno	2012	Annual	PTO	65 MPH	0.82249975	14.047218	3.89516321	0.02044152			0.4828081	4.83E-01			0.44418345	4.44E-01	2148.30116	2137.55965		0.0000%	0.0000%
County	Fresno	2012	Annual	SBUS	65 MPH	0.42572355	8.11928402	7.84303488	0.01126639	0.01065255	0.50629256	0.20429358	7.21E-01	0.00266314	0.21698253	0.18787044	4.08E-01	905.524921	900.997296		0.0000%	0.0000%
County	Fresno	2012	Annual	T6 Ag	65 MPH	0.44170027	8.81723508	1.29288015	0.01155563	0.01199994	0.13033932	0.45088358	5.93E-01	0.00299998	0.05585971	0.41481289	4.74E-01	1053.02951	1047.76436	773	0.0032%	0.0289%
County	Fresno	2012	Annual	T6 CAIRP heavy	65 MPH	0.19182722	5.82975075	0.81427062	0.01143721	0.01199994	0.13033932	0.25844811	4.01E-01	0.00299998	0.05585971	0.23777226	2.97E-01	1042.23811	1037.02692	27	0.0001%	0.0010%
County	Fresno	2012	Annual	T6 CAIRP small	65 MPH	0.14707943	4.36535572	0.77230255	0.01142733	0.01199994	0.13033932	0.23740805	3.80E-01	0.00299998	0.05585971	0.2184154	2.77E-01	1041.33724	1036.13055	91	0.0004%	0.0034%
County	Fresno	2012	Annual	T6 instate construction heavy	65 MPH	0.36706158	9.22287324	1.10948172	0.01144287	0.01199994	0.13033932	0.38430135	5.27E-01	0.00299998	0.05585971	0.35355725	4.12E-01	1042.75352	1037.53976	439	0.0018%	0.0164%
County	Fresno	2012	Annual	T6 instate construction small	65 MPH	0.25767907	6.75266756	0.99186192	0.01142616	0.01199994	0.13033932	0.3439694	4.86E-01	0.00299998	0.05585971	0.31645185	3.75E-01	1041.23116	1036.025	1,127	0.0047%	0.0421%
County	Fresno	2012	Annual	T6 instate heavy	65 MPH	0.35889021	9.00164394	1.09008028	0.01143815	0.01199994	0.13033932	0.37568618	5.18E-01	0.00299998	0.05585971	0.34563128	4.04E-01	1042.32334	1037.11172	1,691	0.0070%	0.0632%
County	Fresno	2012	Annual	T6 instate small	65 MPH	0.24913442	6.51135973	0.96592857	0.01141972	0.01199994	0.13033932	0.33209504	4.74E-01	0.00299998	0.05585971	0.30552743	3.64E-01	1040.64399	1035.44077	4,402	0.0182%	0.1645%
County	Fresno	2012	Annual	T6 OOS heavy	65 MPH	0.19182722	5.82975075	0.81427062	0.01143721	0.01199994	0.13033932	0.25844811	4.01E-01	0.00299998	0.05585971	0.23777226	2.97E-01	1042.23811	1037.02692	16	0.0001%	0.0006%
County	Fresno	2012	Annual	T6 OOS small	65 MPH	0.14707943	4.36535572	0.77230255	0.01142733	0.01199994	0.13033932	0.23740805	3.80E-01	0.00299998	0.05585971	0.2184154	2.77E-01	1041.33724	1036.13055	52	0.0002%	0.0019%
County	Fresno	2012	Annual	T6 Public	65 MPH	0.24943002	8.56912534	0.7222318	0.01152473	0.01199994	0.13033932	0.29991635	4.42E-01	0.00299998	0.05585971	0.27592304	3.35E-01	1050.21355	1044.96248	190	0.0008%	0.0071%
County	Fresno	2012	Annual	T6 utility	65 MPH	0.11592404	6.14534488	0.48889923	0.01142875	0.01199994	0.13033932	0.19876333	3.41E-01	0.00299998	0.05585971	0.18286227	2.42E-01	1041.46733	1036.26	42	0.0002%	0.0016%
County	Fresno	2012	Annual	T6TS	65 MPH	0.27690582	2.40009051	11.1680955	0.00704669	0.00799996	0.03674981	0.00166416	4.64E-02	0.00199999	0.01574992	0.00144919	1.92E-02	641.497893	638.290403	1,424	0.0059%	0.0532%
County	Fresno	2012	Annual	T7 Ag	65 MPH	0.68018058	15.1176448	2.76689132	0.01675061	0.03599981	0.06173968	0.68867825	7.86E-01	0.00899995	0.02645986	0.63358399	6.69E-01	1622.6342	1614.52103	1,945	0.0081%	0.0727%
County	Fresno	2012	Annual	T7 CAIRP	65 MPH	0.38407246	9.08956054	2.57776418	0.0166066	0.03599981	0.06173968	0.60361322	7.01E-01	0.00899995	0.02645986	0.55532416	5.91E-01	1608.68372	1600.6403	12,204	0.0506%	0.4561%
County	Fresno	2012	Annual	T7 CAIRP construction	65 MPH	0.38906838	9.23004686	2.60780319	0.01661087	0.03599981	0.06173968	0.61301041	7.11E-01	0.00899995	0.02645986	0.56396958	5.99E-01	1609.09822	1601.05273	297	0.0012%	0.0111%
County	Fresno	2012	Annual	T7 NNOOS	65 MPH	0.24418715	5.403536	1.81194325	0.0165322	0.03599981	0.06173968	0.35354581	4.51E-01	0.00899995	0.02645986	0.32526215	3.61E-01	1601.47716	1593.46978	13,729	0.0569%	0.5131%
County	Fresno	2012	Annual	T7 NOOS	65 MPH	0.37603558	9.08956054	2.55650445	0.01660883	0.03599981	0.06173968	0.59930479	6.97E-01	0.00899995	0.02645986	0.5513604	5.87E-01	1608.90046	1600.85596	4,444	0.0184%	0.1661%
County	Fresno	2012	Annual	T7 other port	65 MPH	0.19242654	15.5926037	1.15905682	0.01677273	0.03599981	0.06173968	0.33800753	4.36E-01	0.00899995	0.02645986	0.31096693	3.46E-01	1624.77674	1616.65286	229	0.0009%	0.0086%
County	Fresno	2012	Annual	T7 POAK	65 MPH	0.19025792	16.6770431	1.04183222	0.01678736	0.03599981	0.06173968	0.29886647	3.97E-01	0.00899995	0.02645986	0.27495715	3.10E-01	1626.19413	1618.06316	637	0.0026%	0.0238%
County	Fresno	2012	Annual	T7 POLA	65 MPH	0.21805299	7.41382389	1.86065972	0.01683694	0.03599981	0.06173968	0.23104035	3.29E-01	0.00899995	0.02645986	0.21255712	2.48E-01	1630.99707	1622.84208	1,055	0.0044%	0.0394%
County	Fresno	2012	Annual	T7 Public	65 MPH	0.47509819	15.7875747	1.87705891	0.01689721	0.03599981	0.06173968	0.55680694	6.55E-01	0.00899995	0.02645986	0.51226238	5.48E-01	1636.83584	1628.65167	163	0.0007%	0.0061%
County	Fresno	2012	Annual	T7 Single	65 MPH	0.39741967	11.6304228	1.61504017	0.01653934	0.03599981	0.06173968	0.40447301	5.02E-01	0.00899995	0.02645986	0.37211517	4.08E-01	1602.16817	1594.15733	1,122	0.0046%	0.0419%
County	Fresno	2012	Annual	T7 single construction	65 MPH	0.40433141	11.8729006	1.63402385	0.01654317	0.03599981	0.06173968	0.41204461	5.10E-01	0.00899995	0.02645986	0.37908104	4.15E-01	1602.53939	1594.5267	769	0.0032%	0.0287%
County	Fresno	2012	Annual	T7 SWCV	65 MPH	0.08450606	13.2406937	0.43204716	0.01691597	0.03599981	0.06173968	0.08720383	1.85E-01	0.00899995	0.02645986	0.08022752	1.16E-01	1638.65261	1630.45935	339	0.0014%	0.0127%
County	Fresno	2012	Annual	T7 tractor	65 MPH	0.59862677	12.3836393	2.76256506	0.01661236	0.03599981	0.06173968	0.6599026	7.58E-01	0.00899995	0.02645986	0.6071104	6.43E-01	1609.24221	1601.196	17,346	0.0719%	0.6483%
County	Fresno	2012	Annual	T7 tractor construction	65 MPH	0.64122762	12.8790223	2.83082798	0.01661071	0.03599981	0.06173968	0.67052215	7.68E-01	0.00899995	0.02645986	0.61688038	6.52E-01	1609.08186	1601.03646	573	0.0024%	0.0214%
County	Fresno	2012	Annual	T7 utility	65 MPH	0.22132235	11.5387059	1.00567683	0.01658775	0.03599981	0.06173968	0.32011649	4.18E-01	0.00899995	0.02645986	0.29450717	3.30E-01	1606.85844	1598.82414	25	0.0001%	0.0009%
County	Fresno	2012	Annual	T7IS	65 MPH	0.66353195	7.23867803	42.8667193	0.00644268	0.00799996	0.03674982	0.00071518	4.55E-02	0.00199999	0.01574992	0.00059452	1.83E-02	641.497948	638.290458	271	0.0011%	0.0101%
County	Fresno	2012	Annual	UBUS	65 MPH	0.46379625	18.3652022	5.54331521	0.01963034	0.00799996	0.60947975	0.11414399	7.32E-01	0.00199999	0.26120559	0.10499083	3.68E-01	2007.37466	1997.33779		0.0000%	0.0000%
																				2,675,558	11.0861%	100%

County	Fresno	2012	Annual	All Other Buses	70 MPH	0.39008552	8.75514399	1.26976055	0.01150848	0.01199994	0.13033932	0.49088035	6.33E-01	0.00299998	0.05585971	0.45160992	5.10E-01	1077.7118	1072.32324	0	0.0000%	0.0000%
County	Fresno	2012	Annual	LDA	70 MPH	0.06842469	0.19528842	1.92860941	0.00335818	0.00799996	0.03674982	0.00253067	4.73E-02	0.00199999	0.01574992	0.00228166	2.00E-02	388.832118	364.695522	1,207,826	5.0046%	51.7200%
County	Fresno	2012	Annual	LDT1	70 MPH	0.17162064	0.52814932	4.83883795	0.00389998	0.00799996	0.03674981	0.00545481	5.02E-02	0.00199999	0.01574992	0.004905	2.27E-02	446.821331	421.847651	174,707	0.7239%	7.4811%
County	Fresno	2012	Annual	LDT2	70 MPH	0.09506688	0.38685067	2.72492736	0.00459063	0.00799996	0.03674981	0.00277554	4.75E-02	0.00199999	0.01574992	0.00249303	2.02E-02	530.969873	507.559715	447,746	1.8552%	19.1728%
County	Fresno	2012	Annual	LHD1	70 MPH	0.11723037	3.95677307	2.79092165	0.00795032	0.00951721	0.05180477	0.0120921	7.34E-02	0.0023793	0.02220204	0.01112597	3.57E-02	696.950579	693.465826	0	0.0000%	0.0000%
County	Fresno	2012	Annual	LHD2	70 MPH	0.11615942	5.5936018	2.05287803	0.0068051	0.01046927	0.06911637	0.01794472	9.75E-02	0.00261732	0.0296213	0.0165002	4.87E-02	628.472664	625.330301	0	0.0000%	0.0000%
County	Fresno	2012	Annual	MCY	70 MPH	6.25107633	1.57651659	98.898604	0.00221582	0.00799996	0.03674981	0.00235261	4.71E-02	0.00199999	0.01574992	0.00185533	1.96E-02	190.882737	189.928323	17,983	0.0745%	0.7700%
County	Fresno	2012	Annual	MDV	70 MPH	0.10057277	0.52711869	3.07763421	0.00578263	0.00799996	0.03674981	0.00262423	4.74E-02	0.00217782	0.02288268	0.00239332	2.75E-02	669.417817	650.289923	487,054	2.0181%	20.8560%
County	Fresno	2012	Annual	MH	70 MPH	0.21021535	3.02601783	12.3920738	0.00786629	0.00871128	0.05339292	0.0642774	1.26E-01	0.00217782	0.02288268	0.05907558	8.41E-02	853.26222	848.995909	0	0.0000%	0.0000%
County	Fresno	2012	Annual	Motor Coach	70 MPH	0.45883383	11.5808163	2.28612176	0.01658573	0.01199994	0.13033932	0.63792707	7.80E-01	0.00299998	0.05585971	0.58689291	6.46E-01	1651.05987	1642.80457	0	0.0000%	0.0000%
County	Fresno	2012	Annual	OBUS	70 MPH	0.21696689	2.98002932	10.1656386	0.00694769	0.00799996	0.03674982	0.00075519	4.55E-02	0.00199999	0.01574992	0.00066518	1.84E-02	803.362349	799.345537	0	0.0000%	0.0000%
County	Fresno	2012	Annual	PTO	70 MPH	0.82249975	14.047218	3.89516321	0.02044152			0.4828081	4.83E-01			0.44418345	4.44E-01	2148.30116	2137.55965	0	0.0000%	0.0000%
County	Fresno	2012	Annual	SBUS	70 MPH	0.42572355	8.11928402	7.84303488	0.01126639	0.01065255	0.50629256	0.20429358	7.21E-01	0.00266314	0.21698253	0.18787044	4.08E-01	905.524921	900.997296	0	0.0000%	0.0000%
County	Fresno	2012	Annual	T6 Ag	70 MPH	0.51744784	9.17260115	1.40530177	0.01155563	0.01199994	0.13033932	0.52250678	6.65E-01	0.00299998	0.05585971	0.48070624	5.40E-01	1082.12806	1076.71742	0	0.0000%	0.0000%
County	Fresno	2012	Annual	T6 CAIRP heavy	70 MPH	0.22562915	6.08226507	0.89725923	0.01143721	0.01199994	0.13033932	0.30697899	4.49E-01	0.00299998	0.05585971	0.28242067	3.41E-01	1071.03846	1065.68326	0	0.0000%	0.0000%
County	Fresno	2012	Annual	T6 CAIRP small	70 MPH	0.16713211	4.57914156	0.84735434	0.01142733	0.01199994	0.13033932	0.27930794	4.22E-01	0.00299998	0.05585971	0.2569633	3.16E-01	1070.11269	1064.76213	0	0.0000%	0.0000%
County	Fresno	2012	Annual	T6 instate construction heavy	70 MPH	0.45751579	9.4555017	1.23613276	0.01144287	0.01199994	0.13033932	0.45719633	6.00E-01	0.00299998	0.05585971	0.42062062	4.79E-01	1072.01927	1066.65917	0	0.0000%	0.0000%
County	Fresno	2012	Annual	T6 instate construction small	70 MPH	0.30178021	6.73472821	1.06872124	0.01142616	0.01199994	0.13033932	0.39099974	5.33E-01	0.00299998	0.05585971	0.35971976	4.19E-01	1069.81001	1064.46096	0	0.0000%	0.0000%
County	Fresno	2012	Annual	T6 instate heavy	70 MPH	0.43727128	9.05299202	1.20217409	0.01143815	0.01199994	0.13033932	0.44164747	5.84E-01	0.00299998	0.05585971	0.40631567	4.65E-01	1071.57954	1066.22164	0	0.0000%	0.0000%
County	Fresno	2012	Annual	T6 instate small	70 MPH	0.28307938	6.35673596	1.0278215	0.01141972	0.01199994	0.13033932	0.37150876	5.14E-01	0.00299998	0.05585971	0.34178806	4.01E-01	1069.19481	1063.84883	0	0.0000%	0.0000%
County	Fresno	2012	Annual	T6 OOS heavy	70 MPH	0.22562915	6.08226507	0.89725923	0.01143721	0.01199994	0.13033932	0.30697899	4.49E-01	0.00299998	0.05585971	0.28242067	3.41E-01	1071.03846	1065.68326	0	0.0000%	0.0000%
County	Fresno	2012	Annual	T6 OOS small	70 MPH	0.16713211	4.57914156	0.84735434	0.01142733	0.01199994	0.13033932	0.27930794	4.22E-01	0.00299998	0.05585971	0.2569633	3.16E-01	1070.11269	1064.76213	0	0.0000%	0.0000%
County	Fresno	2012	Annual	T6 Public	70 MPH	0.27792784	8.7966998	0.74694656	0.01152473	0.01199994	0.13033932	0.33296961	4.75E-01	0.00299998	0.05585971	0.30633204	3.65E-01	1075.96932	1070.58948	0	0.0000%	0.0000%
County	Fresno	2012	Annual	T6 utility	70 MPH	0.13796773	6.38920719	0.54082506	0.01142875	0.01199994	0.13033932	0.23782369	3.80E-01	0.00299998	0.05585971	0.21879779	2.78E-01	1070.24638	1064.89515	0	0.0000%	0.0000%
County	Fresno	2012	Annual	T6TS	70 MPH	0.3230096	3.14196752	14.3084209	0.00704669	0.00799996	0.03674981	0.00140869	4.62E-02	0.00199999	0.01574992	0.00123234	1.90E-02	803.362351	799.345539	0	0.0000%	0.0000%
County	Fresno	2012	Annual	T7 Ag	70 MPH	0.80903089	15.7028184	3.00971217	0.01675061	0.03599981	0.06173968	0.79926647	8.97E-01	0.00899995	0.02645986	0.73532515	7.71E-01	1667.47273	1659.13537	0	0.0000%	0.0000%
County	Fresno	2012	Annual	T7 CAIRP	70 MPH	0.42370351	9.54798597	2.818981	0.0166066	0.03599981	0.06173968	0.70400885	8.02E-01	0.00899995	0.02645986	0.64768814	6.83E-01	1653.13676	1644.87107	0	0.0000%	0.0000%
County	Fresno	2012	Annual	T7 CAIRP construction	70 MPH	0.42936946	9.67680332	2.85193059	0.01661087	0.03599981	0.06173968	0.71498229	8.13E-01	0.00899995	0.02645986	0.65778371	6.93E-01	1653.56271	1645.2949	0	0.0000%	0.0000%
County	Fresno	2012	Annual	T7 NNOOS	70 MPH	0.26152718	5.68846077	1.97625689	0.0165322	0.03599981	0.06173968	0.41091567	5.09E-01	0.00899995	0.02645986	0.37804241	4.14E-01	1645.73106	1637.50241	0	0.0000%	0.0000%
County	Fresno	2012	Annual	T7 NOOS	70 MPH	0.41328914	9.54798597	2.79456677	0.01660883	0.03599981	0.06173968	0.69847273	7.96E-01	0.00899995	0.02645986	0.64259491	6.78E-01	1653.35948	1645.09269	0	0.0000%	0.0000%
County	Fresno	2012	Annual	T7 other port	70 MPH	0.19242654	15.5225883	1.15905682	0.01677273	0.03599981	0.06173968	0.33800753	4.36E-01	0.00899995	0.02645986	0.31096693	3.46E-01	1624.77674	1616.65286	0	0.0000%	0.0000%
County	Fresno	2012	Annual	T7 POAK	70 MPH	0.19025792	16.634251	1.04183222	0.01678736	0.03599981	0.06173968	0.29886647	3.97E-01	0.00899995	0.02645986	0.27495715	3.10E-01	1626.19413	1618.06316	0	0.0000%	0.0000%
County	Fresno	2012	Annual	T7 POLA	70 MPH	0.22276095	7.7965254	2.02299922	0.01683694	0.03599981	0.06173968	0.26693605	3.65E-01	0.00899995	0.02645986	0.24558117	2.81E-01	1676.06669	1667.68636	0	0.0000%	0.0000%
County	Fresno	2012	Annual	T7 Public	70 MPH	0.52087733	16.1428951	1.79425998	0.01689721	0.03599981	0.06173968	0.57706077	6.75E-01	0.00899995	0.02645986	0.53089591	5.66E-01	1669.90446	1661.55494	0	0.0000%	0.0000%
County	Fresno	2012	Annual	T7 Single	70 MPH	0.59115099	13.8771929	1.9618789	0.01653934	0.03599981	0.06173968	0.53390673	6.32E-01	0.00899995	0.02645986	0.49119419	5.27E-01	1645.98344	1637.75352	0	0.0000%	0.0000%
County	Fresno	2012	Annual	T7 single construction	70 MPH	0.60454971	14.2366397	1.96206289	0.01654317	0.03599981	0.06173968	0.53589092	6.34E-01	0.00899995	0.02645986	0.49301965	5.28E-01	1645.14901	1636.92327	0	0.0000%	0.0000%
County	Fresno	2012	Annual	T7 SWCV	70 MPH	0.1034048	14.347114	0.4793043	0.01691597	0.03599981	0.06173968	0.10432454	2.02E-01	0.00899995	0.02645986	0.09597857	1.31E-01	1688.7633	1680.31948	0	0.0000%	0.0000%
County	Fresno	2012	Annual	T7 tractor	70 MPH	0.79132773	13.8932563	3.19682653	0.01661236	0.03599981	0.06173968	0.82008332	9.18E-01	0.00899995	0.02645986	0.75447666	7.90E-01	1655.29934	1647.02285	0	0.0000%	0.0000%
County	Fresno	2012	Annual	T7 tractor construction	70 MPH	0.88208396	14.7723449	3.34236108	0.01661071	0.03599981	0.06173968	0.85119105	9.49E-01	0.00899995	0.02645986	0.78309577	8.19E-01	1655.71924	1647.44065	0	0.0000%	0.0000%
County	Fresno	2012	Annual	T7 utility	70 MPH	0.26595194	11.9705612	1.11369704	0.01658775	0.03599981	0.06173968	0.38410287	4.82E-01	0.00899995	0.02645986	0.35337464	3.89E-01	1651.26104	1643.00473	0	0.0000%	0.0000%
County	Fresno	2012	Annual	T7IS	70 MPH	1.22382624	10.87218	75.5221182	0.00644268	0.00799996	0.03674982	0.00095804	4.57E-02	0.00199999	0.01574992	0.00082028	1.86E-02	803.362456	799.345644	0	0.0000%	0.0000%
County	Fresno	2012	Annual	UBUS	70 MPH	0.46379625	18.3652022	5.54331521	0.01963034	0.00799996	0.60947975	0.11414399	7.32E-01	0.00199999	0.26120559	0.10499083	3.68E-01	2007.37466	1997.33779	0	0.0000%	0.0000%
																				2,335,316	9.6763%	100%
																			TOTAL	**24,134,300**	**100%**	**n/a**

Fresno 2012 - all Model Years | 2.205E-03 | lbs/Mile

Region_Type	Region	CalYr	Season	Veh	Speed	ROG_RUNEX	NOx_RUNEX	CO_RUNEX	SOx_RUNEX	PM10_PMTW	PM10_PMBW	PM10_RUNEX	PM10_Total	PM2_5_PMTW	PM2_5_PMBW	PM2_5_RUNEX	PM2_5_Total	CO2_RUNEX	CO2(Pavley I + LCFS)_RUNEX
County	Fresno	2012	Annual	All Other Buses	05 MPH	1.065E-02	5.841E-02	1.427E-02	2.537E-05	2.646E-05	2.873E-04	2.687E-03	3.001E-03	6.614E-06	1.231E-04	2.472E-03	2.602E-03	5.778E+00	5.749E+00
County	Fresno	2012	Annual	LDA	05 MPH	7.264E-04	6.562E-04	9.647E-03	7.403E-06	1.764E-05	8.102E-05	3.377E-05	1.324E-04	4.409E-06	3.472E-05	3.081E-05	6.994E-05	2.469E+00	2.316E+00
County	Fresno	2012	Annual	LDT1	05 MPH	1.762E-03	1.758E-03	2.424E-02	8.598E-06	1.764E-05	8.102E-05	6.996E-05	1.686E-04	4.409E-06	3.472E-05	6.369E-05	1.028E-04	2.842E+00	2.683E+00
County	Fresno	2012	Annual	LDT2	05 MPH	1.034E-03	1.386E-03	1.392E-02	1.012E-05	1.764E-05	8.102E-05	3.695E-05	1.356E-04	4.409E-06	3.472E-05	3.364E-05	7.277E-05	3.379E+00	3.230E+00
County	Fresno	2012	Annual	LHD1	05 MPH	1.707E-03	6.649E-03	1.813E-02	1.753E-05	2.099E-05	1.143E-04	1.186E-04	2.539E-04	5.245E-06	4.895E-05	1.091E-04	1.633E-04	3.873E+00	3.854E+00
County	Fresno	2012	Annual	LHD2	05 MPH	1.422E-03	9.836E-03	1.497E-02	1.500E-05	2.313E-05	1.530E-04	1.718E-04	3.479E-04	5.770E-06	6.530E-05	1.578E-04	2.288E-04	2.811E+00	2.797E+00
County	Fresno	2012	Annual	MCY	05 MPH	1.119E-02	2.560E-03	7.178E-02	4.885E-06	1.763E-05	8.100E-05	3.948E-06	1.026E-04	4.409E-06	3.472E-05	3.135E-06	4.227E-05	5.484E-01	5.457E-01
County	Fresno	2012	Annual	MDV	05 MPH	1.228E-03	1.944E-03	1.596E-02	1.275E-05	1.764E-05	8.102E-05	3.617E-05	1.348E-04	4.409E-06	3.472E-05	3.323E-05	7.237E-05	4.259E+00	4.138E+00
County	Fresno	2012	Annual	MH	05 MPH	4.346E-03	1.028E-02	8.226E-02	1.734E-05	1.926E-05	1.190E-04	3.237E-04	4.620E-04	4.801E-06	5.045E-05	2.965E-04	3.518E-04	5.487E+00	5.459E+00
County	Fresno	2012	Annual	Motor Coach	05 MPH	1.427E-02	8.071E-02	2.481E-02	3.656E-05	2.646E-05	2.873E-04	2.391E-03	2.704E-03	6.614E-06	1.231E-04	2.199E-03	2.329E-03	8.852E+00	8.808E+00
County	Fresno	2012	Annual	OBUS	05 MPH	3.650E-03	3.257E-03	5.007E-02	1.532E-05	1.764E-05	8.102E-05	1.555E-05	1.142E-04	4.409E-06	3.472E-05	1.420E-05	5.333E-05	5.541E+00	5.514E+00
County	Fresno	2012	Annual	PTO	05 MPH	1.813E-03	3.097E-02	8.587E-03	4.507E-05	0.000E+00	0.000E+00	1.064E-03	1.064E-03	0.000E+00	0.000E+00	9.792E-04	9.792E-04	4.736E+00	4.712E+00
County	Fresno	2012	Annual	SBUS	05 MPH	1.466E-02	4.987E-02	1.196E-01	2.484E-05	2.414E-05	1.232E-03	2.278E-03	3.535E-03	5.871E-06	4.784E-04	2.092E-03	2.577E-03	5.723E+00	5.695E+00
County	Fresno	2012	Annual	T6 Ag	05 MPH	1.310E-02	5.866E-02	1.627E-02	2.548E-05	2.646E-05	2.873E-04	3.621E-03	3.935E-03	6.614E-06	1.231E-04	3.331E-03	3.461E-03	5.802E+00	5.773E+00
County	Fresno	2012	Annual	T6 CAIRP heavy	05 MPH	6.757E-03	4.203E-02	9.962E-03	2.521E-05	2.646E-05	2.873E-04	1.449E-03	1.763E-03	6.614E-06	1.231E-04	1.333E-03	1.463E-03	5.742E+00	5.714E+00
County	Fresno	2012	Annual	T6 CAIRP small	05 MPH	5.621E-03	3.346E-02	8.864E-03	2.519E-05	2.646E-05	2.873E-04	9.322E-04	1.246E-03	6.614E-06	1.231E-04	8.576E-04	9.873E-04	5.738E+00	5.709E+00
County	Fresno	2012	Annual	T6 instate construction heavy	05 MPH	1.161E-02	6.243E-02	1.538E-02	2.523E-05	2.646E-05	2.873E-04	3.294E-03	3.608E-03	6.614E-06	1.231E-04	3.031E-03	3.161E-03	5.745E+00	5.717E+00
County	Fresno	2012	Annual	T6 instate construction small	05 MPH	8.844E-03	4.857E-02	1.269E-02	2.519E-05	2.646E-05	2.873E-04	2.079E-03	2.392E-03	6.614E-06	1.231E-04	1.912E-03	2.042E-03	5.737E+00	5.708E+00
County	Fresno	2012	Annual	T6 instate heavy	05 MPH	1.136E-02	6.096E-02	1.508E-02	2.522E-05	2.646E-05	2.873E-04	3.213E-03	3.527E-03	6.614E-06	1.231E-04	2.956E-03	3.086E-03	5.743E+00	5.714E+00
County	Fresno	2012	Annual	T6 instate small	05 MPH	8.570E-03	4.687E-02	1.232E-02	2.518E-05	2.646E-05	2.873E-04	1.998E-03	2.312E-03	6.614E-06	1.231E-04	1.838E-03	1.968E-03	5.734E+00	5.705E+00
County	Fresno	2012	Annual	T6 OOS heavy	05 MPH	6.757E-03	4.203E-02	9.962E-03	2.521E-05	2.646E-05	2.873E-04	1.449E-03	1.763E-03	6.614E-06	1.231E-04	1.333E-03	1.463E-03	5.742E+00	5.714E+00
County	Fresno	2012	Annual	T6 OOS small	05 MPH	5.621E-03	3.346E-02	8.864E-03	2.519E-05	2.646E-05	2.873E-04	9.322E-04	1.246E-03	6.614E-06	1.231E-04	8.576E-04	9.873E-04	5.738E+00	5.709E+00
County	Fresno	2012	Annual	T6 Public	05 MPH	7.443E-03	5.654E-02	9.313E-03	2.541E-05	2.646E-05	2.873E-04	2.570E-03	2.884E-03	6.614E-06	1.231E-04	2.364E-03	2.494E-03	5.786E+00	5.757E+00
County	Fresno	2012	Annual	T6 utility	05 MPH	4.113E-03	4.358E-02	6.110E-03	2.520E-05	2.646E-05	2.873E-04	1.162E-03	1.476E-03	6.614E-06	1.231E-04	1.069E-03	1.199E-03	5.738E+00	5.710E+00
County	Fresno	2012	Annual	T6TS	05 MPH	6.581E-03	3.350E-03	9.648E-02	1.554E-05	1.764E-05	8.102E-05	3.870E-05	1.374E-04	4.409E-06	3.472E-05	3.370E-05	7.284E-05	5.541E+00	5.514E+00
County	Fresno	2012	Annual	T7 Ag	05 MPH	2.091E-02	1.013E-01	3.496E-02	3.693E-05	7.937E-05	1.361E-04	5.319E-03	5.534E-03	1.984E-05	5.833E-05	4.893E-03	4.971E-03	8.940E+00	8.896E+00
County	Fresno	2012	Annual	T7 CAIRP	05 MPH	1.542E-02	7.094E-02	2.848E-02	3.661E-05	7.937E-05	1.361E-04	1.735E-03	1.950E-03	1.984E-05	5.833E-05	1.596E-03	1.674E-03	8.863E+00	8.819E+00
County	Fresno	2012	Annual	T7 CAIRP construction	05 MPH	1.561E-02	7.203E-02	2.883E-02	3.662E-05	7.937E-05	1.361E-04	1.763E-03	1.979E-03	1.984E-05	5.833E-05	1.622E-03	1.700E-03	8.866E+00	8.821E+00
County	Fresno	2012	Annual	T7 NNOOS	05 MPH	1.024E-02	4.311E-02	1.938E-02	3.645E-05	7.937E-05	1.361E-04	8.540E-04	1.069E-03	1.984E-05	5.833E-05	7.857E-04	8.638E-04	8.824E+00	8.780E+00
County	Fresno	2012	Annual	T7 NOOS	05 MPH	1.517E-02	7.094E-02	2.812E-02	3.662E-05	7.937E-05	1.361E-04	1.674E-03	1.889E-03	1.984E-05	5.833E-05	1.540E-03	1.618E-03	8.865E+00	8.820E+00
County	Fresno	2012	Annual	T7 other port	05 MPH	7.436E-03	1.114E-01	1.328E-02	3.698E-05	7.937E-05	1.361E-04	1.041E-03	1.257E-03	1.984E-05	5.833E-05	9.579E-04	1.036E-03	8.952E+00	8.907E+00
County	Fresno	2012	Annual	T7 POAK	05 MPH	7.104E-03	1.171E-01	1.237E-02	3.701E-05	7.937E-05	1.361E-04	1.090E-03	1.305E-03	1.984E-05	5.833E-05	1.003E-03	1.081E-03	8.960E+00	8.915E+00
County	Fresno	2012	Annual	T7 POLA	05 MPH	9.713E-03	5.981E-02	1.915E-02	3.712E-05	7.937E-05	1.361E-04	3.951E-04	6.106E-04	1.984E-05	5.833E-05	3.635E-04	4.417E-04	8.986E+00	8.941E+00
County	Fresno	2012	Annual	T7 Public	05 MPH	1.356E-02	1.004E-01	2.296E-02	3.725E-05	7.937E-05	1.361E-04	5.037E-03	5.253E-03	1.984E-05	5.833E-05	4.634E-03	4.713E-03	9.019E+00	8.973E+00
County	Fresno	2012	Annual	T7 Single	05 MPH	1.329E-02	8.028E-02	2.191E-02	3.646E-05	7.937E-05	1.361E-04	3.114E-03	3.330E-03	1.984E-05	5.833E-05	2.865E-03	2.943E-03	8.828E+00	8.783E+00
County	Fresno	2012	Annual	T7 single construction	05 MPH	1.350E-02	8.192E-02	2.222E-02	3.647E-05	7.937E-05	1.361E-04	3.182E-03	3.397E-03	1.984E-05	5.833E-05	2.927E-03	3.005E-03	8.830E+00	8.785E+00
County	Fresno	2012	Annual	T7 SWCV	05 MPH	2.894E-03	8.876E-02	5.116E-03	3.729E-05	7.937E-05	1.361E-04	6.264E-04	8.419E-04	1.984E-05	5.833E-05	5.763E-04	6.545E-04	9.029E+00	8.983E+00
County	Fresno	2012	Annual	T7 tractor	05 MPH	2.035E-02	8.799E-02	3.461E-02	3.662E-05	7.937E-05	1.361E-04	3.936E-03	4.152E-03	1.984E-05	5.833E-05	3.621E-03	3.699E-03	8.867E+00	8.822E+00
County	Fresno	2012	Annual	T7 tractor construction	05 MPH	2.147E-02	9.062E-02	3.616E-02	3.662E-05	7.937E-05	1.361E-04	4.319E-03	4.535E-03	1.984E-05	5.833E-05	3.974E-03	4.052E-03	8.866E+00	8.821E+00
County	Fresno	2012	Annual	T7 utility	05 MPH	7.608E-03	7.987E-02	1.296E-02	3.657E-05	7.937E-05	1.361E-04	2.153E-03	2.368E-03	1.984E-05	5.833E-05	1.981E-03	2.059E-03	8.853E+00	8.809E+00
County	Fresno	2012	Annual	T7IS	05 MPH	1.553E-02	1.009E-02	3.704E-01	1.420E-05	1.764E-05	8.102E-05	1.663E-05	1.153E-04	4.409E-06	3.472E-05	1.383E-05	5.296E-05	5.541E+00	5.514E+00
County	Fresno	2012	Annual	UBUS	05 MPH	5.127E-03	4.762E-02	4.294E-02	4.328E-05	1.764E-05	1.344E-03	1.242E-03	2.603E-03	4.409E-06	5.759E-04	1.143E-03	1.723E-03	5.623E+00	5.594E+00

County	Fresno	2012	Annual	All Other Buses	10 MPH	6.431E-03	4.125E-02	1.030E-02	2.537E-05	2.646E-05	2.873E-04	1.937E-03	2.250E-03	6.614E-06	1.231E-04	1.782E-03	1.911E-03	4.773E+00	4.749E+00
County	Fresno	2012	Annual	LDA	10 MPH	4.849E-04	5.694E-04	8.094E-03	7.403E-06	1.764E-05	8.102E-05	2.197E-05	1.206E-04	4.409E-06	3.472E-05	2.002E-05	5.916E-05	1.842E+00	1.728E+00
County	Fresno	2012	Annual	LDT1	10 MPH	1.197E-03	1.479E-03	1.977E-02	8.598E-06	1.764E-05	8.102E-05	4.638E-05	1.450E-04	4.409E-06	3.472E-05	4.218E-05	8.131E-05	2.119E+00	2.001E+00
County	Fresno	2012	Annual	LDT2	10 MPH	6.926E-04	1.179E-03	1.170E-02	1.012E-05	1.764E-05	8.102E-05	2.404E-05	1.227E-04	4.409E-06	3.472E-05	2.185E-05	6.099E-05	2.520E+00	2.409E+00
County	Fresno	2012	Annual	LHD1	10 MPH	1.410E-03	6.111E-03	1.473E-02	1.753E-05	2.098E-05	1.142E-04	1.035E-04	2.387E-04	5.245E-06	4.895E-05	9.526E-05	1.495E-04	3.221E+00	3.205E+00
County	Fresno	2012	Annual	LHD2	10 MPH	1.200E-03	8.963E-03	1.217E-02	1.500E-05	2.308E-05	1.524E-04	1.510E-04	3.264E-04	5.770E-06	6.530E-05	1.387E-04	2.098E-04	2.414E+00	2.402E+00
County	Fresno	2012	Annual	MCY	10 MPH	9.709E-03	2.526E-03	6.464E-02	4.885E-06	1.764E-05	8.102E-05	3.472E-06	1.021E-04	4.409E-06	3.472E-05	2.755E-06	4.189E-05	5.017E-01	4.992E-01
County	Fresno	2012	Annual	MDV	10 MPH	8.134E-04	1.643E-03	1.359E-02	1.275E-05	1.764E-05	8.102E-05	2.343E-05	1.221E-04	4.409E-06	3.472E-05	2.151E-05	6.065E-05	3.177E+00	3.086E+00
County	Fresno	2012	Annual	MH	10 MPH	3.470E-03	8.959E-03	6.666E-02	1.734E-05	1.920E-05	1.177E-04	2.698E-04	4.067E-04	4.801E-06	5.045E-05	2.471E-04	3.024E-04	4.539E+00	4.516E+00
County	Fresno	2012	Annual	Motor Coach	10 MPH	8.391E-03	5.725E-02	1.695E-02	3.656E-05	2.646E-05	2.873E-04	1.762E-03	2.076E-03	6.614E-06	1.231E-04	1.621E-03	1.751E-03	7.313E+00	7.276E+00
County	Fresno	2012	Annual	OBUS	10 MPH	2.943E-03	3.342E-03	4.055E-02	1.532E-05	1.764E-05	8.102E-05	1.252E-05	1.112E-04	4.409E-06	3.472E-05	1.144E-05	5.057E-05	4.489E+00	4.466E+00
County	Fresno	2012	Annual	PTO	10 MPH	1.813E-03	3.097E-02	8.587E-03	4.507E-05	0.000E+00	0.000E+00	1.064E-03	1.064E-03	0.000E+00	0.000E+00	9.792E-04	9.792E-04	4.736E+00	4.712E+00
County	Fresno	2012	Annual	SBUS	10 MPH	1.041E-02	3.502E-02	9.628E-02	2.484E-05	2.348E-05	1.116E-03	1.606E-03	2.746E-03	5.871E-06	4.784E-04	1.475E-03	1.959E-03	4.705E+00	4.681E+00
County	Fresno	2012	Annual	T6 Ag	10 MPH	8.043E-03	4.139E-02	1.229E-02	2.548E-05	2.646E-05	2.873E-04	2.595E-03	2.909E-03	6.614E-06	1.231E-04	2.388E-03	2.518E-03	4.793E+00	4.769E+00
County	Fresno	2012	Annual	T6 CAIRP heavy	10 MPH	3.980E-03	2.969E-02	6.850E-03	2.521E-05	2.646E-05	2.873E-04	1.035E-03	1.349E-03	6.614E-06	1.231E-04	9.526E-04	1.082E-03	4.744E+00	4.720E+00
County	Fresno	2012	Annual	T6 CAIRP small	10 MPH	3.288E-03	2.428E-02	5.871E-03	2.519E-05	2.646E-05	2.873E-04	6.922E-04	1.006E-03	6.614E-06	1.231E-04	6.369E-04	7.666E-04	4.740E+00	4.716E+00
County	Fresno	2012	Annual	T6 instate construction heavy	10 MPH	6.903E-03	4.289E-02	1.125E-02	2.523E-05	2.646E-05	2.873E-04	2.279E-03	2.593E-03	6.614E-06	1.231E-04	2.096E-03	2.226E-03	4.746E+00	4.722E+00
County	Fresno	2012	Annual	T6 instate construction small	10 MPH	5.204E-03	3.424E-02	8.853E-03	2.519E-05	2.646E-05	2.873E-04	1.470E-03	1.784E-03	6.614E-06	1.231E-04	1.353E-03	1.483E-03	4.739E+00	4.715E+00
County	Fresno	2012	Annual	T6 instate heavy	10 MPH	6.758E-03	4.189E-02	1.102E-02	2.522E-05	2.646E-05	2.873E-04	2.223E-03	2.536E-03	6.614E-06	1.231E-04	2.045E-03	2.175E-03	4.744E+00	4.720E+00
County	Fresno	2012	Annual	T6 instate small	10 MPH	5.042E-03	3.305E-02	8.586E-03	2.518E-05	2.646E-05	2.873E-04	1.414E-03	1.728E-03	6.614E-06	1.231E-04	1.301E-03	1.431E-03	4.736E+00	4.713E+00
County	Fresno	2012	Annual	T6 OOS heavy	10 MPH	3.980E-03	2.969E-02	6.850E-03	2.521E-05	2.646E-05	2.873E-04	1.035E-03	1.349E-03	6.614E-06	1.231E-04	9.526E-04	1.082E-03	4.744E+00	4.720E+00
County	Fresno	2012	Annual	T6 OOS small	10 MPH	3.288E-03	2.428E-02	5.871E-03	2.519E-05	2.646E-05	2.873E-04	6.922E-04	1.006E-03	6.614E-06	1.231E-04	6.369E-04	7.666E-04	4.740E+00	4.716E+00
County	Fresno	2012	Annual	T6 Public	10 MPH	4.548E-03	3.943E-02	7.019E-03	2.541E-05	2.646E-05	2.873E-04	1.818E-03	2.132E-03	6.614E-06	1.231E-04	1.673E-03	1.803E-03	4.780E+00	4.756E+00
County	Fresno	2012	Annual	T6 utility	10 MPH	2.410E-03	3.043E-02	4.196E-03	2.520E-05	2.646E-05	2.873E-04	8.215E-04	1.135E-03	6.614E-06	1.231E-04	7.558E-04	8.856E-04	4.740E+00	4.717E+00
County	Fresno	2012	Annual	T6TS	10 MPH	5.305E-03	3.437E-03	7.815E-02	1.554E-05	1.764E-05	8.102E-05	3.117E-05	1.298E-04	4.409E-06	3.472E-05	2.714E-05	6.627E-05	4.489E+00	4.466E+00
County	Fresno	2012	Annual	T7 Ag	10 MPH	1.266E-02	7.088E-02	2.640E-02	3.693E-05	7.937E-05	1.361E-04	3.816E-03	4.032E-03	1.984E-05	5.833E-05	3.511E-03	3.589E-03	7.385E+00	7.348E+00
County	Fresno	2012	Annual	T7 CAIRP	10 MPH	8.998E-03	5.189E-02	1.851E-02	3.661E-05	7.937E-05	1.361E-04	1.355E-03	1.571E-03	1.984E-05	5.833E-05	1.247E-03	1.325E-03	7.322E+00	7.285E+00
County	Fresno	2012	Annual	T7 CAIRP construction	10 MPH	9.111E-03	5.267E-02	1.874E-02	3.662E-05	7.937E-05	1.361E-04	1.377E-03	1.593E-03	1.984E-05	5.833E-05	1.267E-03	1.345E-03	7.324E+00	7.287E+00
County	Fresno	2012	Annual	T7 NNOOS	10 MPH	5.965E-03	3.183E-02	1.237E-02	3.645E-05	7.937E-05	1.361E-04	6.898E-04	9.053E-04	1.984E-05	5.833E-05	6.346E-04	7.128E-04	7.289E+00	7.253E+00
County	Fresno	2012	Annual	T7 NOOS	10 MPH	8.855E-03	5.189E-02	1.824E-02	3.662E-05	7.937E-05	1.361E-04	1.314E-03	1.530E-03	1.984E-05	5.833E-05	1.209E-03	1.288E-03	7.323E+00	7.286E+00
County	Fresno	2012	Annual	T7 other port	10 MPH	4.341E-03	7.795E-02	8.763E-03	3.698E-05	7.937E-05	1.361E-04	8.016E-04	1.017E-03	1.984E-05	5.833E-05	7.375E-04	8.156E-04	7.395E+00	7.358E+00
County	Fresno	2012	Annual	T7 POAK	10 MPH	4.150E-03	8.113E-02	8.291E-03	3.701E-05	7.937E-05	1.361E-04	8.162E-04	1.032E-03	1.984E-05	5.833E-05	7.509E-04	8.291E-04	7.402E+00	7.365E+00
County	Fresno	2012	Annual	T7 POLA	10 MPH	5.652E-03	4.436E-02	1.198E-02	3.712E-05	7.937E-05	1.361E-04	3.470E-04	5.624E-04	1.984E-05	5.833E-05	3.192E-04	3.974E-04	7.423E+00	7.386E+00
County	Fresno	2012	Annual	T7 Public	10 MPH	8.406E-03	7.044E-02	1.824E-02	3.725E-05	7.937E-05	1.361E-04	3.630E-03	3.845E-03	1.984E-05	5.833E-05	3.339E-03	3.418E-03	7.450E+00	7.413E+00
County	Fresno	2012	Annual	T7 Single	10 MPH	7.810E-03	5.530E-02	1.562E-02	3.646E-05	7.937E-05	1.361E-04	2.154E-03	2.370E-03	1.984E-05	5.833E-05	1.982E-03	2.060E-03	7.292E+00	7.256E+00
County	Fresno	2012	Annual	T7 single construction	10 MPH	7.933E-03	5.642E-02	1.586E-02	3.647E-05	7.937E-05	1.361E-04	2.200E-03	2.416E-03	1.984E-05	5.833E-05	2.024E-03	2.103E-03	7.294E+00	7.257E+00
County	Fresno	2012	Annual	T7 SWCV	10 MPH	1.726E-03	6.186E-02	3.618E-03	3.729E-05	7.937E-05	1.361E-04	4.478E-04	6.633E-04	1.984E-05	5.833E-05	4.120E-04	4.902E-04	7.458E+00	7.421E+00
County	Fresno	2012	Annual	T7 tractor	10 MPH	1.204E-02	6.217E-02	2.450E-02	3.662E-05	7.937E-05	1.361E-04	2.823E-03	3.038E-03	1.984E-05	5.833E-05	2.597E-03	2.675E-03	7.324E+00	7.288E+00
County	Fresno	2012	Annual	T7 tractor construction	10 MPH	1.271E-02	6.374E-02	2.582E-02	3.662E-05	7.937E-05	1.361E-04	3.074E-03	3.290E-03	1.984E-05	5.833E-05	2.828E-03	2.906E-03	7.324E+00	7.287E+00
County	Fresno	2012	Annual	T7 utility	10 MPH	4.474E-03	5.533E-02	9.106E-03	3.657E-05	7.937E-05	1.361E-04	1.509E-03	1.725E-03	1.984E-05	5.833E-05	1.389E-03	1.467E-03	7.314E+00	7.277E+00
County	Fresno	2012	Annual	T7IS	10 MPH	1.254E-02	1.029E-02	2.996E-01	1.420E-05	1.764E-05	8.102E-05	1.339E-05	1.120E-04	4.409E-06	3.472E-05	1.113E-05	5.027E-05	4.489E+00	4.466E+00
County	Fresno	2012	Annual	UBUS	10 MPH	4.242E-03	4.166E-02	3.440E-02	4.328E-05	1.764E-05	1.344E-03	1.053E-03	2.414E-03	4.409E-06	5.759E-04	9.688E-04	1.549E-03	5.319E+00	5.292E+00

County	Fresno	2012	Annual	All Other Buses	15 MPH	3.419E-03	2.941E-02	7.289E-03	2.537E-05	2.646E-05	2.873E-04	1.359E-03	1.672E-03	6.614E-06	1.231E-04	1.250E-03	1.380E-03	3.919E+00	3.900E+00
County	Fresno	2012	Annual	LDA	15 MPH	3.417E-04	5.056E-04	7.044E-03	7.403E-06	1.764E-05	8.102E-05	1.502E-05	1.137E-04	4.409E-06	3.472E-05	1.367E-05	5.280E-05	1.429E+00	1.341E+00
County	Fresno	2012	Annual	LDT1	15 MPH	8.568E-04	1.283E-03	1.677E-02	8.598E-06	1.764E-05	8.102E-05	3.228E-05	1.309E-04	4.409E-06	3.472E-05	2.933E-05	6.846E-05	1.643E+00	1.551E+00
County	Fresno	2012	Annual	LDT2	15 MPH	4.893E-04	1.030E-03	1.018E-02	1.012E-05	1.764E-05	8.102E-05	1.646E-05	1.151E-04	4.409E-06	3.472E-05	1.494E-05	5.407E-05	1.954E+00	1.868E+00
County	Fresno	2012	Annual	LHD1	15 MPH	9.938E-04	5.313E-03	1.014E-02	1.753E-05	2.098E-05	1.142E-04	8.058E-05	2.158E-04	5.245E-06	4.895E-05	7.413E-05	1.283E-04	2.342E+00	2.331E+00
County	Fresno	2012	Annual	LHD2	15 MPH	8.803E-04	7.663E-03	8.415E-03	1.500E-05	2.308E-05	1.524E-04	1.188E-04	2.943E-04	5.770E-06	6.530E-05	1.092E-04	1.802E-04	1.879E+00	1.870E+00
County	Fresno	2012	Annual	MCY	15 MPH	7.642E-03	2.499E-03	5.495E-02	4.885E-06	1.764E-05	8.102E-05	2.782E-06	1.014E-04	4.409E-06	3.472E-05	2.204E-06	4.134E-05	4.277E-01	4.256E-01
County	Fresno	2012	Annual	MDV	15 MPH	5.699E-04	1.426E-03	1.195E-02	1.275E-05	1.764E-05	8.102E-05	1.598E-05	1.146E-04	4.409E-06	3.472E-05	1.466E-05	5.379E-05	2.463E+00	2.392E+00
County	Fresno	2012	Annual	MH	15 MPH	2.239E-03	6.991E-03	4.563E-02	1.734E-05	1.920E-05	1.177E-04	1.840E-04	3.209E-04	4.801E-06	5.045E-05	1.686E-04	2.238E-04	3.224E+00	3.208E+00
County	Fresno	2012	Annual	Motor Coach	15 MPH	4.300E-03	4.090E-02	1.120E-02	3.656E-05	2.646E-05	2.873E-04	1.276E-03	1.589E-03	6.614E-06	1.231E-04	1.174E-03	1.303E-03	6.004E+00	5.974E+00
County	Fresno	2012	Annual	OBUS	15 MPH	1.979E-03	3.484E-03	2.780E-02	1.532E-05	1.764E-05	8.102E-05	8.376E-06	1.070E-04	4.409E-06	3.472E-05	7.651E-06	4.678E-05	3.070E+00	3.054E+00
County	Fresno	2012	Annual	PTO	15 MPH	1.813E-03	3.097E-02	8.587E-03	4.507E-05	0.000E+00	0.000E+00	1.064E-03	1.064E-03	0.000E+00	0.000E+00	9.792E-04	9.792E-04	4.736E+00	4.712E+00
County	Fresno	2012	Annual	SBUS	15 MPH	6.398E-03	2.507E-02	6.631E-02	2.484E-05	2.348E-05	1.116E-03	1.087E-03	2.227E-03	5.871E-06	4.784E-04	9.980E-04	1.482E-03	3.701E+00	3.683E+00
County	Fresno	2012	Annual	T6 Ag	15 MPH	4.374E-03	2.957E-02	9.171E-03	2.548E-05	2.646E-05	2.873E-04	1.807E-03	2.121E-03	6.614E-06	1.231E-04	1.662E-03	1.792E-03	3.935E+00	3.916E+00
County	Fresno	2012	Annual	T6 CAIRP heavy	15 MPH	2.043E-03	2.113E-02	4.555E-03	2.521E-05	2.646E-05	2.873E-04	7.178E-04	1.032E-03	6.614E-06	1.231E-04	6.604E-04	7.902E-04	3.895E+00	3.876E+00
County	Fresno	2012	Annual	T6 CAIRP small	15 MPH	1.674E-03	1.770E-02	3.717E-03	2.519E-05	2.646E-05	2.873E-04	5.059E-04	8.197E-04	6.614E-06	1.231E-04	4.654E-04	5.952E-04	3.892E+00	3.872E+00
County	Fresno	2012	Annual	T6 instate construction heavy	15 MPH	3.581E-03	2.972E-02	8.045E-03	2.523E-05	2.646E-05	2.873E-04	1.505E-03	1.819E-03	6.614E-06	1.231E-04	1.385E-03	1.514E-03	3.897E+00	3.877E+00
County	Fresno	2012	Annual	T6 instate construction small	15 MPH	2.663E-03	2.432E-02	5.987E-03	2.519E-05	2.646E-05	2.873E-04	1.005E-03	1.318E-03	6.614E-06	1.231E-04	9.242E-04	1.054E-03	3.891E+00	3.872E+00
County	Fresno	2012	Annual	T6 instate heavy	15 MPH	3.505E-03	2.904E-02	7.874E-03	2.522E-05	2.646E-05	2.873E-04	1.468E-03	1.782E-03	6.614E-06	1.231E-04	1.351E-03	1.481E-03	3.895E+00	3.876E+00
County	Fresno	2012	Annual	T6 instate small	15 MPH	2.580E-03	2.348E-02	5.799E-03	2.518E-05	2.646E-05	2.873E-04	9.667E-04	1.281E-03	6.614E-06	1.231E-04	8.894E-04	1.019E-03	3.889E+00	3.870E+00
County	Fresno	2012	Annual	T6 OOS heavy	15 MPH	2.043E-03	2.113E-02	4.555E-03	2.521E-05	2.646E-05	2.873E-04	7.178E-04	1.032E-03	6.614E-06	1.231E-04	6.604E-04	7.902E-04	3.895E+00	3.876E+00
County	Fresno	2012	Annual	T6 OOS small	15 MPH	1.674E-03	1.770E-02	3.717E-03	2.519E-05	2.646E-05	2.873E-04	5.059E-04	8.197E-04	6.614E-06	1.231E-04	4.654E-04	5.952E-04	3.892E+00	3.872E+00
County	Fresno	2012	Annual	T6 Public	15 MPH	2.454E-03	2.782E-02	5.216E-03	2.541E-05	2.646E-05	2.873E-04	1.242E-03	1.556E-03	6.614E-06	1.231E-04	1.143E-03	1.273E-03	3.925E+00	3.905E+00
County	Fresno	2012	Annual	T6 utility	15 MPH	1.226E-03	2.141E-02	2.781E-03	2.520E-05	2.646E-05	2.873E-04	5.610E-04	8.748E-04	6.614E-06	1.231E-04	5.161E-04	6.459E-04	3.892E+00	3.873E+00
County	Fresno	2012	Annual	T6TS	15 MPH	3.553E-03	3.582E-03	5.341E-02	1.554E-05	1.764E-05	8.102E-05	2.085E-05	1.195E-04	4.409E-06	3.472E-05	1.816E-05	5.729E-05	3.070E+00	3.054E+00
County	Fresno	2012	Annual	T7 Ag	15 MPH	6.745E-03	5.016E-02	1.969E-02	3.693E-05	7.937E-05	1.361E-04	2.661E-03	2.876E-03	1.984E-05	5.833E-05	2.448E-03	2.526E-03	6.064E+00	6.034E+00
County	Fresno	2012	Annual	T7 CAIRP	15 MPH	4.576E-03	3.811E-02	1.143E-02	3.661E-05	7.937E-05	1.361E-04	1.054E-03	1.270E-03	1.984E-05	5.833E-05	9.697E-04	1.048E-03	6.012E+00	5.982E+00
County	Fresno	2012	Annual	T7 CAIRP construction	15 MPH	4.633E-03	3.869E-02	1.157E-02	3.662E-05	7.937E-05	1.361E-04	1.071E-03	1.286E-03	1.984E-05	5.833E-05	9.853E-04	1.064E-03	6.013E+00	5.983E+00
County	Fresno	2012	Annual	T7 NNOOS	15 MPH	3.032E-03	2.357E-02	7.448E-03	3.645E-05	7.937E-05	1.361E-04	5.572E-04	7.727E-04	1.984E-05	5.833E-05	5.126E-04	5.908E-04	5.985E+00	5.955E+00
County	Fresno	2012	Annual	T7 NOOS	15 MPH	4.503E-03	3.811E-02	1.122E-02	3.662E-05	7.937E-05	1.361E-04	1.029E-03	1.244E-03	1.984E-05	5.833E-05	9.467E-04	1.025E-03	6.013E+00	5.983E+00
County	Fresno	2012	Annual	T7 other port	15 MPH	2.204E-03	5.493E-02	5.516E-03	3.698E-05	7.937E-05	1.361E-04	6.129E-04	8.284E-04	1.984E-05	5.833E-05	5.639E-04	6.420E-04	6.072E+00	6.042E+00
County	Fresno	2012	Annual	T7 POAK	15 MPH	2.107E-03	5.664E-02	5.328E-03	3.701E-05	7.937E-05	1.361E-04	6.030E-04	8.185E-04	1.984E-05	5.833E-05	5.548E-04	6.329E-04	6.077E+00	6.047E+00
County	Fresno	2012	Annual	T7 POLA	15 MPH	2.872E-03	3.299E-02	6.994E-03	3.712E-05	7.937E-05	1.361E-04	3.047E-04	5.202E-04	1.984E-05	5.833E-05	2.803E-04	3.585E-04	6.095E+00	6.065E+00
County	Fresno	2012	Annual	T7 Public	15 MPH	4.627E-03	5.017E-02	1.438E-02	3.725E-05	7.937E-05	1.361E-04	2.546E-03	2.761E-03	1.984E-05	5.833E-05	2.342E-03	2.420E-03	6.117E+00	6.087E+00
County	Fresno	2012	Annual	T7 Single	15 MPH	3.982E-03	3.839E-02	1.082E-02	3.646E-05	7.937E-05	1.361E-04	1.423E-03	1.639E-03	1.984E-05	5.833E-05	1.309E-03	1.387E-03	5.988E+00	5.958E+00
County	Fresno	2012	Annual	T7 single construction	15 MPH	4.044E-03	3.915E-02	1.100E-02	3.647E-05	7.937E-05	1.361E-04	1.453E-03	1.668E-03	1.984E-05	5.833E-05	1.337E-03	1.415E-03	5.989E+00	5.959E+00
County	Fresno	2012	Annual	T7 SWCV	15 MPH	9.023E-04	4.358E-02	2.504E-03	3.729E-05	7.937E-05	1.361E-04	3.106E-04	5.261E-04	1.984E-05	5.833E-05	2.858E-04	3.640E-04	6.124E+00	6.093E+00
County	Fresno	2012	Annual	T7 tractor	15 MPH	6.216E-03	4.429E-02	1.691E-02	3.662E-05	7.937E-05	1.361E-04	1.967E-03	2.182E-03	1.984E-05	5.833E-05	1.809E-03	1.887E-03	6.014E+00	5.984E+00
County	Fresno	2012	Annual	T7 tractor construction	15 MPH	6.566E-03	4.521E-02	1.799E-02	3.662E-05	7.937E-05	1.361E-04	2.119E-03	2.334E-03	1.984E-05	5.833E-05	1.949E-03	2.027E-03	6.013E+00	5.983E+00
County	Fresno	2012	Annual	T7 utility	15 MPH	2.287E-03	3.865E-02	6.211E-03	3.657E-05	7.937E-05	1.361E-04	1.017E-03	1.233E-03	1.984E-05	5.833E-05	9.360E-04	1.014E-03	6.005E+00	5.975E+00
County	Fresno	2012	Annual	T7IS	15 MPH	8.376E-03	1.078E-02	2.051E-01	1.420E-05	1.764E-05	8.102E-05	8.961E-06	1.076E-04	4.409E-06	3.472E-05	7.449E-06	4.658E-05	3.070E+00	3.054E+00
County	Fresno	2012	Annual	UBUS	15 MPH	2.993E-03	3.314E-02	2.305E-02	4.328E-05	1.764E-05	1.344E-03	7.773E-04	2.139E-03	4.409E-06	5.759E-04	7.150E-04	1.295E-03	4.909E+00	4.885E+00

County	Fresno	2012	Annual	All Other Buses	20 MPH	1.407E-03	2.231E-02	5.027E-03	2.537E-05	2.646E-05	2.873E-04	9.113E-04	1.225E-03	6.614E-06	1.231E-04	8.384E-04	9.682E-04	3.092E+00	3.076E+00
County	Fresno	2012	Annual	LDA	20 MPH	2.496E-04	4.634E-04	6.028E-03	7.403E-06	1.764E-05	8.102E-05	1.080E-05	1.095E-04	4.409E-06	3.472E-05	9.823E-06	4.895E-05	1.128E+00	1.058E+00
County	Fresno	2012	Annual	LDT1	20 MPH	6.341E-04	1.160E-03	1.416E-02	8.598E-06	1.764E-05	8.102E-05	2.358E-05	1.222E-04	4.409E-06	3.472E-05	2.141E-05	6.054E-05	1.298E+00	1.225E+00
County	Fresno	2012	Annual	LDT2	20 MPH	3.576E-04	9.310E-04	8.725E-03	1.012E-05	1.764E-05	8.102E-05	1.186E-05	1.105E-04	4.409E-06	3.472E-05	1.075E-05	4.988E-05	1.543E+00	1.475E+00
County	Fresno	2012	Annual	LHD1	20 MPH	7.268E-04	4.781E-03	7.340E-03	1.753E-05	2.098E-05	1.142E-04	6.440E-05	1.996E-04	5.245E-06	4.895E-05	5.925E-05	1.134E-04	1.815E+00	1.806E+00
County	Fresno	2012	Annual	LHD2	20 MPH	6.693E-04	6.779E-03	6.119E-03	1.500E-05	2.308E-05	1.524E-04	9.577E-05	2.712E-04	5.770E-06	6.530E-05	8.801E-05	1.591E-04	1.558E+00	1.550E+00
County	Fresno	2012	Annual	MCY	20 MPH	6.407E-03	2.547E-03	4.918E-02	4.885E-06	1.764E-05	8.102E-05	2.335E-06	1.010E-04	4.409E-06	3.472E-05	1.848E-06	4.098E-05	3.735E-01	3.717E-01
County	Fresno	2012	Annual	MDV	20 MPH	4.075E-04	1.281E-03	1.029E-02	1.275E-05	1.764E-05	8.102E-05	1.147E-05	1.101E-04	4.409E-06	3.472E-05	1.051E-05	4.965E-05	1.944E+00	1.889E+00
County	Fresno	2012	Annual	MH	20 MPH	1.490E-03	5.989E-03	3.298E-02	1.734E-05	1.920E-05	1.177E-04	1.253E-04	2.622E-04	4.801E-06	5.045E-05	1.148E-04	1.700E-04	2.400E+00	2.388E+00
County	Fresno	2012	Annual	Motor Coach	20 MPH	1.773E-03	3.080E-02	7.098E-03	3.656E-05	2.646E-05	2.873E-04	8.946E-04	1.208E-03	6.614E-06	1.231E-04	8.231E-04	9.528E-04	4.737E+00	4.713E+00
County	Fresno	2012	Annual	OBUS	20 MPH	1.378E-03	3.648E-03	2.009E-02	1.532E-05	1.764E-05	8.102E-05	5.841E-06	1.045E-04	4.409E-06	3.472E-05	5.335E-06	4.447E-05	2.218E+00	2.207E+00
County	Fresno	2012	Annual	PTO	20 MPH	1.604E-03	2.878E-02	7.126E-03	4.507E-05	0.000E+00	0.000E+00	8.687E-04	8.687E-04	0.000E+00	0.000E+00	7.992E-04	7.992E-04	4.724E+00	4.700E+00
County	Fresno	2012	Annual	SBUS	20 MPH	3.770E-03	1.954E-02	4.795E-02	2.484E-05	2.348E-05	1.116E-03	6.915E-04	1.831E-03	5.871E-06	4.784E-04	6.348E-04	1.119E-03	2.866E+00	2.852E+00
County	Fresno	2012	Annual	T6 Ag	20 MPH	1.797E-03	2.265E-02	6.693E-03	2.548E-05	2.646E-05	2.873E-04	1.198E-03	1.511E-03	6.614E-06	1.231E-04	1.102E-03	1.232E-03	3.105E+00	3.089E+00
County	Fresno	2012	Annual	T6 CAIRP heavy	20 MPH	8.385E-04	1.590E-02	2.897E-03	2.521E-05	2.646E-05	2.873E-04	4.735E-04	7.873E-04	6.614E-06	1.231E-04	4.356E-04	5.653E-04	3.073E+00	3.057E+00
County	Fresno	2012	Annual	T6 CAIRP small	20 MPH	6.964E-04	1.334E-02	2.237E-03	2.519E-05	2.646E-05	2.873E-04	3.595E-04	6.733E-04	6.614E-06	1.231E-04	3.307E-04	4.605E-04	3.070E+00	3.055E+00
County	Fresno	2012	Annual	T6 instate construction heavy	20 MPH	1.441E-03	2.236E-02	5.497E-03	2.523E-05	2.646E-05	2.873E-04	9.182E-04	1.232E-03	6.614E-06	1.231E-04	8.447E-04	9.745E-04	3.074E+00	3.059E+00
County	Fresno	2012	Annual	T6 instate construction small	20 MPH	1.083E-03	1.829E-02	3.861E-03	2.519E-05	2.646E-05	2.873E-04	6.479E-04	9.617E-04	6.614E-06	1.231E-04	5.960E-04	7.258E-04	3.070E+00	3.054E+00
County	Fresno	2012	Annual	T6 instate heavy	20 MPH	1.411E-03	2.185E-02	5.376E-03	2.522E-05	2.646E-05	2.873E-04	8.962E-04	1.210E-03	6.614E-06	1.231E-04	8.245E-04	9.542E-04	3.073E+00	3.058E+00
County	Fresno	2012	Annual	T6 instate small	20 MPH	1.050E-03	1.766E-02	3.734E-03	2.518E-05	2.646E-05	2.873E-04	6.241E-04	9.379E-04	6.614E-06	1.231E-04	5.741E-04	7.039E-04	3.068E+00	3.053E+00
County	Fresno	2012	Annual	T6 OOS heavy	20 MPH	8.385E-04	1.590E-02	2.897E-03	2.521E-05	2.646E-05	2.873E-04	4.735E-04	7.873E-04	6.614E-06	1.231E-04	4.356E-04	5.653E-04	3.073E+00	3.057E+00
County	Fresno	2012	Annual	T6 OOS small	20 MPH	6.964E-04	1.334E-02	2.237E-03	2.519E-05	2.646E-05	2.873E-04	3.595E-04	6.733E-04	6.614E-06	1.231E-04	3.307E-04	4.605E-04	3.070E+00	3.055E+00
County	Fresno	2012	Annual	T6 Public	20 MPH	1.004E-03	2.123E-02	3.775E-03	2.541E-05	2.646E-05	2.873E-04	8.006E-04	1.114E-03	6.614E-06	1.231E-04	7.366E-04	8.664E-04	3.096E+00	3.081E+00
County	Fresno	2012	Annual	T6 utility	20 MPH	5.008E-04	1.607E-02	1.752E-03	2.520E-05	2.646E-05	2.873E-04	3.616E-04	6.754E-04	6.614E-06	1.231E-04	3.327E-04	4.624E-04	3.071E+00	3.055E+00
County	Fresno	2012	Annual	T6TS	20 MPH	2.475E-03	3.751E-03	3.861E-02	1.554E-05	1.764E-05	8.102E-05	1.454E-05	1.132E-04	4.409E-06	3.472E-05	1.266E-05	5.179E-05	2.218E+00	2.207E+00
County	Fresno	2012	Annual	T7 Ag	20 MPH	2.753E-03	3.820E-02	1.435E-02	3.693E-05	7.937E-05	1.361E-04	1.768E-03	1.983E-03	1.984E-05	5.833E-05	1.627E-03	1.705E-03	4.784E+00	4.760E+00
County	Fresno	2012	Annual	T7 CAIRP	20 MPH	1.922E-03	2.874E-02	6.684E-03	3.661E-05	7.937E-05	1.361E-04	8.090E-04	1.024E-03	1.984E-05	5.833E-05	7.443E-04	8.225E-04	4.743E+00	4.719E+00
County	Fresno	2012	Annual	T7 CAIRP construction	20 MPH	1.946E-03	2.917E-02	6.771E-03	3.662E-05	7.937E-05	1.361E-04	8.219E-04	1.037E-03	1.984E-05	5.833E-05	7.561E-04	8.343E-04	4.744E+00	4.720E+00
County	Fresno	2012	Annual	T7 NNOOS	20 MPH	1.284E-03	1.779E-02	4.228E-03	3.645E-05	7.937E-05	1.361E-04	4.460E-04	6.614E-04	1.984E-05	5.833E-05	4.103E-04	4.885E-04	4.722E+00	4.698E+00
County	Fresno	2012	Annual	T7 NOOS	20 MPH	1.894E-03	2.874E-02	6.542E-03	3.662E-05	7.937E-05	1.361E-04	7.955E-04	1.011E-03	1.984E-05	5.833E-05	7.319E-04	8.100E-04	4.743E+00	4.720E+00
County	Fresno	2012	Annual	T7 other port	20 MPH	9.171E-04	4.121E-02	3.291E-03	3.698E-05	7.937E-05	1.361E-04	4.610E-04	6.765E-04	1.984E-05	5.833E-05	4.242E-04	5.023E-04	4.790E+00	4.766E+00
County	Fresno	2012	Annual	T7 POAK	20 MPH	8.695E-04	4.244E-02	3.248E-03	3.701E-05	7.937E-05	1.361E-04	4.346E-04	6.501E-04	1.984E-05	5.833E-05	3.999E-04	4.780E-04	4.794E+00	4.770E+00
County	Fresno	2012	Annual	T7 POLA	20 MPH	1.231E-03	2.490E-02	3.823E-03	3.712E-05	7.937E-05	1.361E-04	2.647E-04	4.801E-04	1.984E-05	5.833E-05	2.435E-04	3.217E-04	4.809E+00	4.785E+00
County	Fresno	2012	Annual	T7 Public	20 MPH	1.901E-03	3.874E-02	1.115E-02	3.725E-05	7.937E-05	1.361E-04	1.705E-03	1.921E-03	1.984E-05	5.833E-05	1.569E-03	1.647E-03	4.826E+00	4.802E+00
County	Fresno	2012	Annual	T7 Single	20 MPH	1.604E-03	2.878E-02	7.126E-03	3.646E-05	7.937E-05	1.361E-04	8.687E-04	1.084E-03	1.984E-05	5.833E-05	7.992E-04	8.773E-04	4.724E+00	4.700E+00
County	Fresno	2012	Annual	T7 single construction	20 MPH	1.628E-03	2.936E-02	7.251E-03	3.647E-05	7.937E-05	1.361E-04	8.864E-04	1.102E-03	1.984E-05	5.833E-05	8.155E-04	8.937E-04	4.725E+00	4.701E+00
County	Fresno	2012	Annual	T7 SWCV	20 MPH	3.730E-04	3.312E-02	1.691E-03	3.729E-05	7.937E-05	1.361E-04	2.049E-04	4.203E-04	1.984E-05	5.833E-05	1.885E-04	2.666E-04	4.831E+00	4.807E+00
County	Fresno	2012	Annual	T7 tractor	20 MPH	2.540E-03	3.344E-02	1.125E-02	3.662E-05	7.937E-05	1.361E-04	1.306E-03	1.522E-03	1.984E-05	5.833E-05	1.202E-03	1.280E-03	4.744E+00	4.721E+00
County	Fresno	2012	Annual	T7 tractor construction	20 MPH	2.673E-03	3.413E-02	1.207E-02	3.662E-05	7.937E-05	1.361E-04	1.384E-03	1.600E-03	1.984E-05	5.833E-05	1.274E-03	1.352E-03	4.744E+00	4.720E+00
County	Fresno	2012	Annual	T7 utility	20 MPH	9.298E-04	2.905E-02	4.045E-03	3.657E-05	7.937E-05	1.361E-04	6.423E-04	8.578E-04	1.984E-05	5.833E-05	5.909E-04	6.691E-04	4.737E+00	4.714E+00
County	Fresno	2012	Annual	T7IS	20 MPH	5.840E-03	1.136E-02	1.482E-01	1.420E-05	1.764E-05	8.102E-05	6.248E-06	1.049E-04	4.409E-06	3.472E-05	5.194E-06	4.433E-05	2.218E+00	2.207E+00
County	Fresno	2012	Annual	UBUS	20 MPH	2.199E-03	2.773E-02	1.636E-02	4.328E-05	1.764E-05	1.344E-03	5.941E-04	1.955E-03	4.409E-06	5.759E-04	5.465E-04	1.127E-03	4.664E+00	4.640E+00

County	Fresno	2012	Annual	All Other Buses	25 MPH	1.173E-03	2.095E-02	4.344E-03	2.537E-05	2.646E-05	2.873E-04	7.884E-04	1.102E-03	6.614E-06	1.231E-04	7.254E-04	8.551E-04	2.885E+00	2.870E+00
County	Fresno	2012	Annual	LDA	25 MPH	1.934E-04	4.299E-04	5.395E-03	7.403E-06	1.764E-05	8.102E-05	8.178E-06	1.068E-04	4.409E-06	3.472E-05	7.427E-06	4.656E-05	9.361E-01	8.781E-01
County	Fresno	2012	Annual	LDT1	25 MPH	4.960E-04	1.064E-03	1.249E-02	8.598E-06	1.764E-05	8.102E-05	1.806E-05	1.167E-04	4.409E-06	3.472E-05	1.638E-05	5.551E-05	1.077E+00	1.017E+00
County	Fresno	2012	Annual	LDT2	25 MPH	2.772E-04	8.531E-04	7.803E-03	1.012E-05	1.764E-05	8.102E-05	8.982E-06	1.076E-04	4.409E-06	3.472E-05	8.136E-06	4.727E-05	1.280E+00	1.223E+00
County	Fresno	2012	Annual	LHD1	25 MPH	5.507E-04	4.467E-03	5.594E-03	1.753E-05	2.098E-05	1.142E-04	5.280E-05	1.880E-04	5.245E-06	4.895E-05	4.857E-05	1.028E-04	1.490E+00	1.482E+00
County	Fresno	2012	Annual	LHD2	25 MPH	5.266E-04	6.233E-03	4.695E-03	1.500E-05	2.308E-05	1.524E-04	7.904E-05	2.545E-04	5.770E-06	6.530E-05	7.265E-05	1.437E-04	1.360E+00	1.353E+00
County	Fresno	2012	Annual	MCY	25 MPH	5.587E-03	2.579E-03	4.587E-02	4.885E-06	1.764E-05	8.102E-05	2.054E-06	1.007E-04	4.409E-06	3.472E-05	1.624E-06	4.076E-05	3.341E-01	3.325E-01
County	Fresno	2012	Annual	MDV	25 MPH	3.124E-04	1.168E-03	9.244E-03	1.275E-05	1.764E-05	8.102E-05	8.657E-06	1.073E-04	4.409E-06	3.472E-05	7.932E-06	4.706E-05	1.613E+00	1.567E+00
County	Fresno	2012	Annual	MH	25 MPH	1.082E-03	5.784E-03	2.521E-02	1.734E-05	1.920E-05	1.177E-04	1.003E-04	2.372E-04	4.801E-06	5.045E-05	9.189E-05	1.471E-04	1.911E+00	1.902E+00
County	Fresno	2012	Annual	Motor Coach	25 MPH	1.480E-03	2.873E-02	6.235E-03	3.656E-05	2.646E-05	2.873E-04	7.882E-04	1.102E-03	6.614E-06	1.231E-04	7.251E-04	8.549E-04	4.420E+00	4.397E+00
County	Fresno	2012	Annual	OBUS	25 MPH	1.002E-03	3.809E-03	1.535E-02	1.532E-05	1.764E-05	8.102E-05	4.245E-06	1.029E-04	4.409E-06	3.472E-05	3.878E-06	4.301E-05	1.693E+00	1.685E+00
County	Fresno	2012	Annual	PTO	25 MPH	1.813E-03	3.097E-02	8.587E-03	4.507E-05	0.000E+00	0.000E+00	1.064E-03	1.064E-03	0.000E+00	0.000E+00	9.792E-04	9.792E-04	4.736E+00	4.712E+00
County	Fresno	2012	Annual	SBUS	25 MPH	2.838E-03	1.881E-02	3.694E-02	2.484E-05	2.348E-05	1.116E-03	5.826E-04	1.722E-03	5.871E-06	4.784E-04	5.350E-04	1.019E-03	2.576E+00	2.563E+00
County	Fresno	2012	Annual	T6 Ag	25 MPH	1.499E-03	2.138E-02	5.726E-03	2.548E-05	2.646E-05	2.873E-04	1.031E-03	1.344E-03	6.614E-06	1.231E-04	9.481E-04	1.078E-03	2.897E+00	2.882E+00
County	Fresno	2012	Annual	T6 CAIRP heavy	25 MPH	6.958E-04	1.487E-02	2.530E-03	2.521E-05	2.646E-05	2.873E-04	4.071E-04	7.209E-04	6.614E-06	1.231E-04	3.746E-04	5.043E-04	2.867E+00	2.853E+00
County	Fresno	2012	Annual	T6 CAIRP small	25 MPH	5.866E-04	1.224E-02	1.998E-03	2.519E-05	2.646E-05	2.873E-04	3.184E-04	6.322E-04	6.614E-06	1.231E-04	2.929E-04	4.227E-04	2.864E+00	2.850E+00
County	Fresno	2012	Annual	T6 instate construction heavy	25 MPH	1.168E-03	2.138E-02	4.667E-03	2.523E-05	2.646E-05	2.873E-04	7.629E-04	1.077E-03	6.614E-06	1.231E-04	7.019E-04	8.317E-04	2.868E+00	2.854E+00
County	Fresno	2012	Annual	T6 instate construction small	25 MPH	8.892E-04	1.713E-02	3.338E-03	2.519E-05	2.646E-05	2.873E-04	5.519E-04	8.657E-04	6.614E-06	1.231E-04	5.078E-04	6.376E-04	2.864E+00	2.850E+00
County	Fresno	2012	Annual	T6 instate heavy	25 MPH	1.144E-03	2.088E-02	4.565E-03	2.522E-05	2.646E-05	2.873E-04	7.448E-04	1.059E-03	6.614E-06	1.231E-04	6.852E-04	8.150E-04	2.867E+00	2.853E+00
County	Fresno	2012	Annual	T6 instate small	25 MPH	8.625E-04	1.654E-02	3.230E-03	2.518E-05	2.646E-05	2.873E-04	5.319E-04	8.457E-04	6.614E-06	1.231E-04	4.893E-04	6.191E-04	2.863E+00	2.848E+00
County	Fresno	2012	Annual	T6 OOS heavy	25 MPH	6.958E-04	1.487E-02	2.530E-03	2.521E-05	2.646E-05	2.873E-04	4.071E-04	7.209E-04	6.614E-06	1.231E-04	3.746E-04	5.043E-04	2.867E+00	2.853E+00
County	Fresno	2012	Annual	T6 OOS small	25 MPH	5.866E-04	1.224E-02	1.998E-03	2.519E-05	2.646E-05	2.873E-04	3.184E-04	6.322E-04	6.614E-06	1.231E-04	2.929E-04	4.227E-04	2.864E+00	2.850E+00
County	Fresno	2012	Annual	T6 Public	25 MPH	8.327E-04	2.018E-02	3.221E-03	2.541E-05	2.646E-05	2.873E-04	6.810E-04	9.948E-04	6.614E-06	1.231E-04	6.266E-04	7.563E-04	2.889E+00	2.874E+00
County	Fresno	2012	Annual	T6 utility	25 MPH	4.129E-04	1.515E-02	1.526E-03	2.520E-05	2.646E-05	2.873E-04	3.080E-04	6.218E-04	6.614E-06	1.231E-04	2.834E-04	4.132E-04	2.865E+00	2.851E+00
County	Fresno	2012	Annual	T6TS	25 MPH	1.800E-03	3.917E-03	2.949E-02	1.554E-05	1.764E-05	8.102E-05	1.057E-05	1.092E-04	4.409E-06	3.472E-05	9.203E-06	4.833E-05	1.693E+00	1.685E+00
County	Fresno	2012	Annual	T7 Ag	25 MPH	2.275E-03	3.619E-02	1.227E-02	3.693E-05	7.937E-05	1.361E-04	1.523E-03	1.738E-03	1.984E-05	5.833E-05	1.401E-03	1.479E-03	4.464E+00	4.441E+00
County	Fresno	2012	Annual	T7 CAIRP	25 MPH	1.637E-03	2.623E-02	6.058E-03	3.661E-05	7.937E-05	1.361E-04	7.363E-04	9.518E-04	1.984E-05	5.833E-05	6.774E-04	7.556E-04	4.425E+00	4.403E+00
County	Fresno	2012	Annual	T7 CAIRP construction	25 MPH	1.657E-03	2.663E-02	6.136E-03	3.662E-05	7.937E-05	1.361E-04	7.479E-04	9.634E-04	1.984E-05	5.833E-05	6.881E-04	7.663E-04	4.426E+00	4.404E+00
County	Fresno	2012	Annual	T7 NNOOS	25 MPH	1.105E-03	1.613E-02	3.892E-03	3.645E-05	7.937E-05	1.361E-04	4.115E-04	6.269E-04	1.984E-05	5.833E-05	3.786E-04	4.567E-04	4.405E+00	4.383E+00
County	Fresno	2012	Annual	T7 NOOS	25 MPH	1.615E-03	2.623E-02	5.941E-03	3.662E-05	7.937E-05	1.361E-04	7.257E-04	9.412E-04	1.984E-05	5.833E-05	6.677E-04	7.459E-04	4.426E+00	4.404E+00
County	Fresno	2012	Annual	T7 other port	25 MPH	7.727E-04	3.878E-02	2.944E-03	3.698E-05	7.937E-05	1.361E-04	4.168E-04	6.322E-04	1.984E-05	5.833E-05	3.834E-04	4.616E-04	4.469E+00	4.447E+00
County	Fresno	2012	Annual	T7 POAK	25 MPH	7.257E-04	4.022E-02	2.872E-03	3.701E-05	7.937E-05	1.361E-04	3.870E-04	6.025E-04	1.984E-05	5.833E-05	3.560E-04	4.342E-04	4.473E+00	4.451E+00
County	Fresno	2012	Annual	T7 POLA	25 MPH	1.073E-03	2.252E-02	3.592E-03	3.712E-05	7.937E-05	1.361E-04	2.503E-04	4.658E-04	1.984E-05	5.833E-05	2.303E-04	3.084E-04	4.487E+00	4.464E+00
County	Fresno	2012	Annual	T7 Public	25 MPH	1.586E-03	3.685E-02	9.517E-03	3.725E-05	7.937E-05	1.361E-04	1.473E-03	1.689E-03	1.984E-05	5.833E-05	1.355E-03	1.433E-03	4.503E+00	4.480E+00
County	Fresno	2012	Annual	T7 Single	25 MPH	1.300E-03	2.742E-02	6.088E-03	3.646E-05	7.937E-05	1.361E-04	7.222E-04	9.377E-04	1.984E-05	5.833E-05	6.644E-04	7.426E-04	4.407E+00	4.385E+00
County	Fresno	2012	Annual	T7 single construction	25 MPH	1.319E-03	2.797E-02	6.191E-03	3.647E-05	7.937E-05	1.361E-04	7.368E-04	9.523E-04	1.984E-05	5.833E-05	6.778E-04	7.560E-04	4.408E+00	4.386E+00
County	Fresno	2012	Annual	T7 SWCV	25 MPH	3.126E-04	3.144E-02	1.475E-03	3.729E-05	7.937E-05	1.361E-04	1.760E-04	3.915E-04	1.984E-05	5.833E-05	1.619E-04	2.401E-04	4.508E+00	4.485E+00
County	Fresno	2012	Annual	T7 tractor	25 MPH	2.097E-03	3.133E-02	9.727E-03	3.662E-05	7.937E-05	1.361E-04	1.126E-03	1.342E-03	1.984E-05	5.833E-05	1.036E-03	1.114E-03	4.427E+00	4.405E+00
County	Fresno	2012	Annual	T7 tractor construction	25 MPH	2.198E-03	3.208E-02	1.040E-02	3.662E-05	7.937E-05	1.361E-04	1.185E-03	1.401E-03	1.984E-05	5.833E-05	1.091E-03	1.169E-03	4.426E+00	4.404E+00
County	Fresno	2012	Annual	T7 utility	25 MPH	7.627E-04	2.758E-02	3.489E-03	3.657E-05	7.937E-05	1.361E-04	5.421E-04	7.576E-04	1.984E-05	5.833E-05	4.988E-04	5.769E-04	4.420E+00	4.398E+00
County	Fresno	2012	Annual	T7IS	25 MPH	4.242E-03	1.181E-02	1.131E-01	1.420E-05	1.764E-05	8.102E-05	4.542E-06	1.032E-04	4.409E-06	3.472E-05	3.776E-06	4.291E-05	1.693E+00	1.685E+00
County	Fresno	2012	Annual	UBUS	25 MPH	1.681E-03	2.438E-02	1.230E-02	4.328E-05	1.764E-05	1.344E-03	4.703E-04	1.832E-03	4.409E-06	5.759E-04	4.326E-04	1.013E-03	4.512E+00	4.489E+00

County	Fresno	2012	Annual	All Other Buses	30 MPH	9.795E-04	1.983E-02	3.764E-03	2.537E-05	2.646E-05	2.873E-04	6.966E-04	1.010E-03	6.614E-06	1.231E-04	6.409E-04	7.707E-04	2.708E+00	2.694E+00
County	Fresno	2012	Annual	LDA	30 MPH	1.572E-04	4.053E-04	4.910E-03	7.403E-06	1.764E-05	8.102E-05	6.507E-06	1.052E-04	4.409E-06	3.472E-05	5.903E-06	4.503E-05	8.070E-01	7.570E-01
County	Fresno	2012	Annual	LDT1	30 MPH	4.059E-04	9.977E-04	1.126E-02	8.598E-06	1.764E-05	8.102E-05	1.450E-05	1.132E-04	4.409E-06	3.472E-05	1.314E-05	5.227E-05	9.280E-01	8.761E-01
County	Fresno	2012	Annual	LDT2	30 MPH	2.252E-04	7.960E-04	7.094E-03	1.012E-05	1.764E-05	8.102E-05	7.150E-06	1.058E-04	4.409E-06	3.472E-05	6.469E-06	4.560E-05	1.103E+00	1.054E+00
County	Fresno	2012	Annual	LHD1	30 MPH	4.364E-04	4.279E-03	4.513E-03	1.753E-05	2.098E-05	1.142E-04	4.438E-05	1.796E-04	5.245E-06	4.895E-05	4.082E-05	9.502E-05	1.287E+00	1.280E+00
County	Fresno	2012	Annual	LHD2	30 MPH	4.288E-04	5.898E-03	3.785E-03	1.500E-05	2.308E-05	1.524E-04	6.677E-05	2.422E-04	5.770E-06	6.530E-05	6.137E-05	1.324E-04	1.237E+00	1.230E+00
County	Fresno	2012	Annual	MCY	30 MPH	5.104E-03	2.622E-03	4.467E-02	4.885E-06	1.764E-05	8.102E-05	1.893E-06	1.005E-04	4.409E-06	3.472E-05	1.495E-06	4.063E-05	3.062E-01	3.047E-01
County	Fresno	2012	Annual	MDV	30 MPH	2.514E-04	1.085E-03	8.426E-03	1.275E-05	1.764E-05	8.102E-05	6.868E-06	1.055E-04	4.409E-06	3.472E-05	6.289E-06	4.542E-05	1.390E+00	1.351E+00
County	Fresno	2012	Annual	MH	30 MPH	8.268E-04	5.723E-03	2.033E-02	1.734E-05	1.920E-05	1.177E-04	8.609E-05	2.230E-04	4.801E-06	5.045E-05	7.893E-05	1.342E-04	1.612E+00	1.604E+00
County	Fresno	2012	Annual	Motor Coach	30 MPH	1.235E-03	2.700E-02	5.518E-03	3.656E-05	2.646E-05	2.873E-04	7.167E-04	1.031E-03	6.614E-06	1.231E-04	6.594E-04	7.892E-04	4.148E+00	4.128E+00
County	Fresno	2012	Annual	OBUS	30 MPH	7.587E-04	3.985E-03	1.236E-02	1.532E-05	1.764E-05	8.102E-05	3.217E-06	1.019E-04	4.409E-06	3.472E-05	2.938E-06	4.207E-05	1.366E+00	1.359E+00
County	Fresno	2012	Annual	PTO	30 MPH	1.813E-03	3.097E-02	8.587E-03	4.507E-05	0.000E+00	0.000E+00	1.064E-03	1.064E-03	0.000E+00	0.000E+00	9.792E-04	9.792E-04	4.736E+00	4.712E+00
County	Fresno	2012	Annual	SBUS	30 MPH	2.207E-03	1.824E-02	2.993E-02	2.484E-05	2.348E-05	1.116E-03	4.970E-04	1.637E-03	5.871E-06	4.784E-04	4.564E-04	9.407E-04	2.359E+00	2.347E+00
County	Fresno	2012	Annual	T6 Ag	30 MPH	1.252E-03	2.033E-02	4.894E-03	2.548E-05	2.646E-05	2.873E-04	8.996E-04	1.213E-03	6.614E-06	1.231E-04	8.277E-04	9.574E-04	2.719E+00	2.705E+00
County	Fresno	2012	Annual	T6 CAIRP heavy	30 MPH	5.772E-04	1.402E-02	2.224E-03	2.521E-05	2.646E-05	2.873E-04	3.601E-04	6.739E-04	6.614E-06	1.231E-04	3.313E-04	4.610E-04	2.691E+00	2.678E+00
County	Fresno	2012	Annual	T6 CAIRP small	30 MPH	4.939E-04	1.131E-02	1.803E-03	2.519E-05	2.646E-05	2.873E-04	2.921E-04	6.059E-04	6.614E-06	1.231E-04	2.687E-04	3.985E-04	2.689E+00	2.675E+00
County	Fresno	2012	Annual	T6 instate construction heavy	30 MPH	9.464E-04	2.058E-02	3.959E-03	2.523E-05	2.646E-05	2.873E-04	6.445E-04	9.583E-04	6.614E-06	1.231E-04	5.929E-04	7.227E-04	2.692E+00	2.679E+00
County	Fresno	2012	Annual	T6 instate construction small	30 MPH	7.293E-04	1.617E-02	2.899E-03	2.519E-05	2.646E-05	2.873E-04	4.831E-04	7.969E-04	6.614E-06	1.231E-04	4.444E-04	5.742E-04	2.688E+00	2.675E+00
County	Fresno	2012	Annual	T6 instate heavy	30 MPH	9.272E-04	2.010E-02	3.875E-03	2.522E-05	2.646E-05	2.873E-04	6.293E-04	9.431E-04	6.614E-06	1.231E-04	5.790E-04	7.087E-04	2.691E+00	2.678E+00
County	Fresno	2012	Annual	T6 instate small	30 MPH	7.078E-04	1.560E-02	2.808E-03	2.518E-05	2.646E-05	2.873E-04	4.657E-04	7.795E-04	6.614E-06	1.231E-04	4.285E-04	5.582E-04	2.687E+00	2.674E+00
County	Fresno	2012	Annual	T6 OOS heavy	30 MPH	5.772E-04	1.402E-02	2.224E-03	2.521E-05	2.646E-05	2.873E-04	3.601E-04	6.739E-04	6.614E-06	1.231E-04	3.313E-04	4.610E-04	2.691E+00	2.678E+00
County	Fresno	2012	Annual	T6 OOS small	30 MPH	4.939E-04	1.131E-02	1.803E-03	2.519E-05	2.646E-05	2.873E-04	2.921E-04	6.059E-04	6.614E-06	1.231E-04	2.687E-04	3.985E-04	2.689E+00	2.675E+00
County	Fresno	2012	Annual	T6 Public	30 MPH	6.916E-04	1.933E-02	2.746E-03	2.541E-05	2.646E-05	2.873E-04	5.875E-04	9.013E-04	6.614E-06	1.231E-04	5.405E-04	6.702E-04	2.712E+00	2.698E+00
County	Fresno	2012	Annual	T6 utility	30 MPH	3.401E-04	1.439E-02	1.337E-03	2.520E-05	2.646E-05	2.873E-04	2.700E-04	5.838E-04	6.614E-06	1.231E-04	2.484E-04	3.781E-04	2.689E+00	2.676E+00
County	Fresno	2012	Annual	T6TS	30 MPH	1.364E-03	4.098E-03	2.376E-02	1.554E-05	1.764E-05	8.102E-05	8.007E-06	1.067E-04	4.409E-06	3.472E-05	6.973E-06	4.610E-05	1.366E+00	1.359E+00
County	Fresno	2012	Annual	T7 Ag	30 MPH	1.882E-03	3.454E-02	1.049E-02	3.693E-05	7.937E-05	1.361E-04	1.332E-03	1.548E-03	1.984E-05	5.833E-05	1.226E-03	1.304E-03	4.190E+00	4.169E+00
County	Fresno	2012	Annual	T7 CAIRP	30 MPH	1.393E-03	2.410E-02	5.561E-03	3.661E-05	7.937E-05	1.361E-04	6.962E-04	9.117E-04	1.984E-05	5.833E-05	6.405E-04	7.187E-04	4.154E+00	4.133E+00
County	Fresno	2012	Annual	T7 CAIRP construction	30 MPH	1.410E-03	2.447E-02	5.631E-03	3.662E-05	7.937E-05	1.361E-04	7.072E-04	9.227E-04	1.984E-05	5.833E-05	6.506E-04	7.288E-04	4.155E+00	4.134E+00
County	Fresno	2012	Annual	T7 NNOOS	30 MPH	9.491E-04	1.473E-02	3.633E-03	3.645E-05	7.937E-05	1.361E-04	3.949E-04	6.103E-04	1.984E-05	5.833E-05	3.633E-04	4.415E-04	4.135E+00	4.114E+00
County	Fresno	2012	Annual	T7 NOOS	30 MPH	1.377E-03	2.410E-02	5.465E-03	3.662E-05	7.937E-05	1.361E-04	6.880E-04	9.035E-04	1.984E-05	5.833E-05	6.330E-04	7.112E-04	4.154E+00	4.133E+00
County	Fresno	2012	Annual	T7 other port	30 MPH	6.507E-04	3.676E-02	2.664E-03	3.698E-05	7.937E-05	1.361E-04	3.914E-04	6.069E-04	1.984E-05	5.833E-05	3.601E-04	4.383E-04	4.195E+00	4.174E+00
County	Fresno	2012	Annual	T7 POAK	30 MPH	6.054E-04	3.839E-02	2.563E-03	3.701E-05	7.937E-05	1.361E-04	3.575E-04	5.730E-04	1.984E-05	5.833E-05	3.289E-04	4.071E-04	4.199E+00	4.178E+00
County	Fresno	2012	Annual	T7 POLA	30 MPH	9.333E-04	2.049E-02	3.427E-03	3.712E-05	7.937E-05	1.361E-04	2.463E-04	4.618E-04	1.984E-05	5.833E-05	2.266E-04	3.048E-04	4.211E+00	4.190E+00
County	Fresno	2012	Annual	T7 Public	30 MPH	1.326E-03	3.533E-02	8.094E-03	3.725E-05	7.937E-05	1.361E-04	1.286E-03	1.501E-03	1.984E-05	5.833E-05	1.183E-03	1.261E-03	4.226E+00	4.205E+00
County	Fresno	2012	Annual	T7 Single	30 MPH	1.052E-03	2.631E-02	5.210E-03	3.646E-05	7.937E-05	1.361E-04	6.130E-04	8.285E-04	1.984E-05	5.833E-05	5.640E-04	6.421E-04	4.137E+00	4.116E+00
County	Fresno	2012	Annual	T7 single construction	30 MPH	1.067E-03	2.684E-02	5.295E-03	3.647E-05	7.937E-05	1.361E-04	6.252E-04	8.406E-04	1.984E-05	5.833E-05	5.751E-04	6.533E-04	4.138E+00	4.117E+00
County	Fresno	2012	Annual	T7 SWCV	30 MPH	2.620E-04	3.007E-02	1.292E-03	3.729E-05	7.937E-05	1.361E-04	1.540E-04	3.695E-04	1.984E-05	5.833E-05	1.417E-04	2.198E-04	4.231E+00	4.210E+00
County	Fresno	2012	Annual	T7 tractor	30 MPH	1.731E-03	2.957E-02	8.444E-03	3.662E-05	7.937E-05	1.361E-04	9.950E-04	1.211E-03	1.984E-05	5.833E-05	9.154E-04	9.936E-04	4.155E+00	4.134E+00
County	Fresno	2012	Annual	T7 tractor construction	30 MPH	1.806E-03	3.038E-02	8.977E-03	3.662E-05	7.937E-05	1.361E-04	1.039E-03	1.254E-03	1.984E-05	5.833E-05	9.556E-04	1.034E-03	4.155E+00	4.134E+00
County	Fresno	2012	Annual	T7 utility	30 MPH	6.251E-04	2.637E-02	3.021E-03	3.657E-05	7.937E-05	1.361E-04	4.688E-04	6.842E-04	1.984E-05	5.833E-05	4.313E-04	5.094E-04	4.149E+00	4.128E+00
County	Fresno	2012	Annual	T7IS	30 MPH	3.218E-03	1.229E-02	9.128E-02	1.420E-05	1.764E-05	8.102E-05	3.441E-06	1.021E-04	4.409E-06	3.472E-05	2.861E-06	4.199E-05	1.366E+00	1.359E+00
County	Fresno	2012	Annual	UBUS	30 MPH	1.336E-03	2.248E-02	9.791E-03	4.328E-05	1.764E-05	1.344E-03	3.855E-04	1.747E-03	4.409E-06	5.759E-04	3.547E-04	9.349E-04	4.418E+00	4.395E+00

County	Fresno	2012	Annual	All Other Buses	35 MPH	8.256E-04	1.894E-02	3.285E-03	2.537E-05	2.646E-05	2.873E-04	6.360E-04	9.498E-04	6.614E-06	1.231E-04	5.851E-04	7.149E-04	2.561E+00	2.548E+00
County	Fresno	2012	Annual	LDA	35 MPH	1.338E-04	3.887E-04	4.513E-03	7.403E-06	1.764E-05	8.102E-05	5.438E-06	1.041E-04	4.409E-06	3.472E-05	4.928E-06	4.406E-05	7.205E-01	6.759E-01
County	Fresno	2012	Annual	LDT1	35 MPH	3.468E-04	9.561E-04	1.031E-02	8.598E-06	1.764E-05	8.102E-05	1.218E-05	1.108E-04	4.409E-06	3.472E-05	1.103E-05	5.016E-05	8.285E-01	7.822E-01
County	Fresno	2012	Annual	LDT2	35 MPH	1.914E-04	7.574E-04	6.513E-03	1.012E-05	1.764E-05	8.102E-05	5.978E-06	1.046E-04	4.409E-06	3.472E-05	5.402E-06	4.453E-05	9.848E-01	9.413E-01
County	Fresno	2012	Annual	LHD1	35 MPH	3.551E-04	4.254E-03	3.821E-03	1.753E-05	2.098E-05	1.142E-04	3.821E-05	1.734E-04	5.245E-06	4.895E-05	3.515E-05	8.934E-05	1.162E+00	1.156E+00
County	Fresno	2012	Annual	LHD2	35 MPH	3.596E-04	5.805E-03	3.228E-03	1.500E-05	2.308E-05	1.524E-04	5.771E-05	2.332E-04	5.770E-06	6.530E-05	5.305E-05	1.241E-04	1.160E+00	1.155E+00
County	Fresno	2012	Annual	MCY	35 MPH	4.898E-03	2.684E-03	4.552E-02	4.885E-06	1.764E-05	8.102E-05	1.827E-06	1.005E-04	4.409E-06	3.472E-05	1.442E-06	4.057E-05	2.877E-01	2.862E-01
County	Fresno	2012	Annual	MDV	35 MPH	2.115E-04	1.028E-03	7.740E-03	1.275E-05	1.764E-05	8.102E-05	5.724E-06	1.044E-04	4.409E-06	3.472E-05	5.238E-06	4.437E-05	1.241E+00	1.206E+00
County	Fresno	2012	Annual	MH	35 MPH	6.555E-04	5.699E-03	1.734E-02	1.734E-05	1.920E-05	1.177E-04	7.683E-05	2.137E-04	4.801E-06	5.045E-05	7.047E-05	1.257E-04	1.420E+00	1.413E+00
County	Fresno	2012	Annual	Motor Coach	35 MPH	1.038E-03	2.562E-02	4.948E-03	3.656E-05	2.646E-05	2.873E-04	6.803E-04	9.941E-04	6.614E-06	1.231E-04	6.259E-04	7.557E-04	3.923E+00	3.904E+00
County	Fresno	2012	Annual	OBUS	35 MPH	5.971E-04	4.161E-03	1.052E-02	1.532E-05	1.764E-05	8.102E-05	2.540E-06	1.012E-04	4.409E-06	3.472E-05	2.321E-06	4.145E-05	1.164E+00	1.158E+00
County	Fresno	2012	Annual	PTO	35 MPH	1.813E-03	3.097E-02	8.587E-03	4.507E-05	0.000E+00	0.000E+00	1.064E-03	1.064E-03	0.000E+00	0.000E+00	9.792E-04	9.792E-04	4.736E+00	4.712E+00
County	Fresno	2012	Annual	SBUS	35 MPH	1.776E-03	1.783E-02	2.555E-02	2.484E-05	2.348E-05	1.116E-03	4.340E-04	1.574E-03	5.871E-06	4.784E-04	3.987E-04	8.829E-04	2.197E+00	2.186E+00
County	Fresno	2012	Annual	T6 Ag	35 MPH	1.057E-03	1.952E-02	4.197E-03	2.548E-05	2.646E-05	2.873E-04	8.048E-04	1.119E-03	6.614E-06	1.231E-04	7.404E-04	8.702E-04	2.571E+00	2.559E+00
County	Fresno	2012	Annual	T6 CAIRP heavy	35 MPH	4.827E-04	1.334E-02	1.980E-03	2.521E-05	2.646E-05	2.873E-04	3.322E-04	6.460E-04	6.614E-06	1.231E-04	3.057E-04	4.354E-04	2.545E+00	2.532E+00
County	Fresno	2012	Annual	T6 CAIRP small	35 MPH	4.183E-04	1.056E-02	1.654E-03	2.519E-05	2.646E-05	2.873E-04	2.806E-04	5.944E-04	6.614E-06	1.231E-04	2.582E-04	3.879E-04	2.543E+00	2.530E+00
County	Fresno	2012	Annual	T6 instate construction heavy	35 MPH	7.750E-04	1.998E-02	3.375E-03	2.523E-05	2.646E-05	2.873E-04	5.629E-04	8.767E-04	6.614E-06	1.231E-04	5.179E-04	6.477E-04	2.546E+00	2.534E+00
County	Fresno	2012	Annual	T6 instate construction small	35 MPH	6.037E-04	1.540E-02	2.545E-03	2.519E-05	2.646E-05	2.873E-04	4.412E-04	7.550E-04	6.614E-06	1.231E-04	4.059E-04	5.357E-04	2.543E+00	2.530E+00
County	Fresno	2012	Annual	T6 instate heavy	35 MPH	7.596E-04	1.951E-02	3.305E-03	2.522E-05	2.646E-05	2.873E-04	5.499E-04	8.637E-04	6.614E-06	1.231E-04	5.059E-04	6.356E-04	2.545E+00	2.533E+00
County	Fresno	2012	Annual	T6 instate small	35 MPH	5.862E-04	1.486E-02	2.468E-03	2.518E-05	2.646E-05	2.873E-04	4.256E-04	7.394E-04	6.614E-06	1.231E-04	3.916E-04	5.213E-04	2.541E+00	2.529E+00
County	Fresno	2012	Annual	T6 OOS heavy	35 MPH	4.827E-04	1.334E-02	1.980E-03	2.521E-05	2.646E-05	2.873E-04	3.322E-04	6.460E-04	6.614E-06	1.231E-04	3.057E-04	4.354E-04	2.545E+00	2.532E+00
County	Fresno	2012	Annual	T6 OOS small	35 MPH	4.183E-04	1.056E-02	1.654E-03	2.519E-05	2.646E-05	2.873E-04	2.806E-04	5.944E-04	6.614E-06	1.231E-04	2.582E-04	3.879E-04	2.543E+00	2.530E+00
County	Fresno	2012	Annual	T6 Public	35 MPH	5.807E-04	1.868E-02	2.348E-03	2.541E-05	2.646E-05	2.873E-04	5.199E-04	8.337E-04	6.614E-06	1.231E-04	4.783E-04	6.081E-04	2.565E+00	2.552E+00
County	Fresno	2012	Annual	T6 utility	35 MPH	2.825E-04	1.379E-02	1.187E-03	2.520E-05	2.646E-05	2.873E-04	2.475E-04	5.613E-04	6.614E-06	1.231E-04	2.277E-04	3.574E-04	2.543E+00	2.531E+00
County	Fresno	2012	Annual	T6TS	35 MPH	1.076E-03	4.280E-03	2.027E-02	1.554E-05	1.764E-05	8.102E-05	6.324E-06	1.050E-04	4.409E-06	3.472E-05	5.507E-06	4.464E-05	1.164E+00	1.158E+00
County	Fresno	2012	Annual	T7 Ag	35 MPH	1.573E-03	3.327E-02	8.988E-03	3.693E-05	7.937E-05	1.361E-04	1.196E-03	1.411E-03	1.984E-05	5.833E-05	1.100E-03	1.178E-03	3.962E+00	3.943E+00
County	Fresno	2012	Annual	T7 CAIRP	35 MPH	1.191E-03	2.236E-02	5.193E-03	3.661E-05	7.937E-05	1.361E-04	6.889E-04	9.043E-04	1.984E-05	5.833E-05	6.337E-04	7.119E-04	3.928E+00	3.909E+00
County	Fresno	2012	Annual	T7 CAIRP construction	35 MPH	1.206E-03	2.271E-02	5.257E-03	3.662E-05	7.937E-05	1.361E-04	6.996E-04	9.151E-04	1.984E-05	5.833E-05	6.437E-04	7.218E-04	3.929E+00	3.910E+00
County	Fresno	2012	Annual	T7 NNOOS	35 MPH	8.177E-04	1.357E-02	3.452E-03	3.645E-05	7.937E-05	1.361E-04	3.962E-04	6.116E-04	1.984E-05	5.833E-05	3.645E-04	4.426E-04	3.911E+00	3.891E+00
County	Fresno	2012	Annual	T7 NOOS	35 MPH	1.178E-03	2.236E-02	5.114E-03	3.662E-05	7.937E-05	1.361E-04	6.824E-04	8.978E-04	1.984E-05	5.833E-05	6.278E-04	7.059E-04	3.929E+00	3.909E+00
County	Fresno	2012	Annual	T7 other port	35 MPH	5.511E-04	3.517E-02	2.450E-03	3.698E-05	7.937E-05	1.361E-04	3.851E-04	6.006E-04	1.984E-05	5.833E-05	3.543E-04	4.325E-04	3.968E+00	3.948E+00
County	Fresno	2012	Annual	T7 POAK	35 MPH	5.085E-04	3.697E-02	2.322E-03	3.701E-05	7.937E-05	1.361E-04	3.461E-04	5.616E-04	1.984E-05	5.833E-05	3.184E-04	3.966E-04	3.971E+00	3.951E+00
County	Fresno	2012	Annual	T7 POLA	35 MPH	8.124E-04	1.882E-02	3.327E-03	3.712E-05	7.937E-05	1.361E-04	2.527E-04	4.682E-04	1.984E-05	5.833E-05	2.325E-04	3.107E-04	3.983E+00	3.963E+00
County	Fresno	2012	Annual	T7 Public	35 MPH	1.121E-03	3.416E-02	6.885E-03	3.725E-05	7.937E-05	1.361E-04	1.143E-03	1.358E-03	1.984E-05	5.833E-05	1.052E-03	1.130E-03	3.997E+00	3.977E+00
County	Fresno	2012	Annual	T7 Single	35 MPH	8.602E-04	2.545E-02	4.492E-03	3.646E-05	7.937E-05	1.361E-04	5.411E-04	7.565E-04	1.984E-05	5.833E-05	4.978E-04	5.759E-04	3.912E+00	3.893E+00
County	Fresno	2012	Annual	T7 single construction	35 MPH	8.720E-04	2.597E-02	4.562E-03	3.647E-05	7.937E-05	1.361E-04	5.516E-04	7.670E-04	1.984E-05	5.833E-05	5.074E-04	5.856E-04	3.913E+00	3.894E+00
County	Fresno	2012	Annual	T7 SWCV	35 MPH	2.214E-04	2.902E-02	1.142E-03	3.729E-05	7.937E-05	1.361E-04	1.389E-04	3.543E-04	1.984E-05	5.833E-05	1.277E-04	2.059E-04	4.002E+00	3.982E+00
County	Fresno	2012	Annual	T7 tractor	35 MPH	1.442E-03	2.817E-02	7.397E-03	3.662E-05	7.937E-05	1.361E-04	9.132E-04	1.129E-03	1.984E-05	5.833E-05	8.402E-04	9.183E-04	3.930E+00	3.910E+00
County	Fresno	2012	Annual	T7 tractor construction	35 MPH	1.499E-03	2.904E-02	7.814E-03	3.662E-05	7.937E-05	1.361E-04	9.444E-04	1.160E-03	1.984E-05	5.833E-05	8.689E-04	9.471E-04	3.929E+00	3.910E+00
County	Fresno	2012	Annual	T7 utility	35 MPH	5.170E-04	2.543E-02	2.642E-03	3.657E-05	7.937E-05	1.361E-04	4.222E-04	6.377E-04	1.984E-05	5.833E-05	3.884E-04	4.666E-04	3.924E+00	3.904E+00
County	Fresno	2012	Annual	T7IS	35 MPH	2.540E-03	1.278E-02	7.783E-02	1.420E-05	1.764E-05	8.102E-05	2.718E-06	1.014E-04	4.409E-06	3.472E-05	2.259E-06	4.139E-05	1.164E+00	1.158E+00
County	Fresno	2012	Annual	UBUS	35 MPH	1.104E-03	2.170E-02	8.250E-03	4.328E-05	1.764E-05	1.344E-03	3.273E-04	1.689E-03	4.409E-06	5.759E-04	3.011E-04	8.814E-04	4.359E+00	4.337E+00

County	Fresno	2012	Annual	All Other Buses	40 MPH	7.114E-04	1.829E-02	2.909E-03	2.537E-05	2.646E-05	2.873E-04	6.064E-04	9.202E-04	6.614E-06	1.231E-04	5.579E-04	6.876E-04	2.444E+00	2.432E+00
County	Fresno	2012	Annual	LDA	40 MPH	1.196E-04	3.795E-04	4.207E-03	7.403E-06	1.764E-05	8.102E-05	4.772E-06	1.034E-04	4.409E-06	3.472E-05	4.320E-06	4.345E-05	6.674E-01	6.261E-01
County	Fresno	2012	Annual	LDT1	40 MPH	3.103E-04	9.363E-04	9.625E-03	8.598E-06	1.764E-05	8.102E-05	1.071E-05	1.094E-04	4.409E-06	3.472E-05	9.687E-06	4.882E-05	7.674E-01	7.246E-01
County	Fresno	2012	Annual	LDT2	40 MPH	1.706E-04	7.353E-04	6.065E-03	1.012E-05	1.764E-05	8.102E-05	5.247E-06	1.039E-04	4.409E-06	3.472E-05	4.736E-06	4.387E-05	9.121E-01	8.719E-01
County	Fresno	2012	Annual	LHD1	40 MPH	2.972E-04	4.350E-03	3.416E-03	1.753E-05	2.098E-05	1.142E-04	3.369E-05	1.689E-04	5.245E-06	4.895E-05	3.099E-05	8.518E-05	1.090E+00	1.084E+00
County	Fresno	2012	Annual	LHD2	40 MPH	3.096E-04	5.898E-03	2.909E-03	1.500E-05	2.308E-05	1.524E-04	5.103E-05	2.265E-04	5.770E-06	6.530E-05	4.691E-05	1.180E-04	1.117E+00	1.111E+00
County	Fresno	2012	Annual	MCY	40 MPH	4.934E-03	2.761E-03	4.872E-02	4.885E-06	1.764E-05	8.102E-05	1.847E-06	1.005E-04	4.409E-06	3.472E-05	1.457E-06	4.059E-05	2.773E-01	2.759E-01
County	Fresno	2012	Annual	MDV	40 MPH	1.867E-04	9.950E-04	7.198E-03	1.275E-05	1.764E-05	8.102E-05	5.010E-06	1.037E-04	4.409E-06	3.472E-05	4.581E-06	4.371E-05	1.150E+00	1.117E+00
County	Fresno	2012	Annual	MH	40 MPH	5.401E-04	5.712E-03	1.564E-02	1.734E-05	1.920E-05	1.177E-04	7.216E-05	2.091E-04	4.801E-06	5.045E-05	6.621E-05	1.215E-04	1.304E+00	1.297E+00
County	Fresno	2012	Annual	Motor Coach	40 MPH	8.893E-04	2.457E-02	4.523E-03	3.656E-05	2.646E-05	2.873E-04	6.790E-04	9.928E-04	6.614E-06	1.231E-04	6.246E-04	7.544E-04	3.745E+00	3.726E+00
County	Fresno	2012	Annual	OBUS	40 MPH	4.887E-04	4.337E-03	9.471E-03	1.532E-05	1.764E-05	8.102E-05	2.091E-06	1.007E-04	4.409E-06	3.472E-05	1.910E-06	4.104E-05	1.048E+00	1.042E+00
County	Fresno	2012	Annual	PTO	40 MPH	1.813E-03	3.097E-02	8.587E-03	4.507E-05	0.000E+00	0.000E+00	1.064E-03	1.064E-03	0.000E+00	0.000E+00	9.792E-04	9.792E-04	4.736E+00	4.712E+00
County	Fresno	2012	Annual	SBUS	40 MPH	1.483E-03	1.757E-02	2.294E-02	2.484E-05	2.348E-05	1.116E-03	3.934E-04	1.533E-03	5.871E-06	4.784E-04	3.614E-04	8.456E-04	2.081E+00	2.070E+00
County	Fresno	2012	Annual	T6 Ag	40 MPH	9.142E-04	1.893E-02	3.636E-03	2.548E-05	2.646E-05	2.873E-04	7.461E-04	1.060E-03	6.614E-06	1.231E-04	6.864E-04	8.162E-04	2.454E+00	2.442E+00
County	Fresno	2012	Annual	T6 CAIRP heavy	40 MPH	4.124E-04	1.283E-02	1.796E-03	2.521E-05	2.646E-05	2.873E-04	3.237E-04	6.375E-04	6.614E-06	1.231E-04	2.978E-04	4.276E-04	2.429E+00	2.417E+00
County	Fresno	2012	Annual	T6 CAIRP small	40 MPH	3.599E-04	9.973E-03	1.550E-03	2.519E-05	2.646E-05	2.873E-04	2.840E-04	5.978E-04	6.614E-06	1.231E-04	2.613E-04	3.911E-04	2.427E+00	2.415E+00
County	Fresno	2012	Annual	T6 instate construction heavy	40 MPH	6.542E-04	1.956E-02	2.913E-03	2.523E-05	2.646E-05	2.873E-04	5.182E-04	8.320E-04	6.614E-06	1.231E-04	4.767E-04	6.065E-04	2.430E+00	2.418E+00
County	Fresno	2012	Annual	T6 instate construction small	40 MPH	5.122E-04	1.482E-02	2.275E-03	2.519E-05	2.646E-05	2.873E-04	4.265E-04	7.403E-04	6.614E-06	1.231E-04	3.923E-04	5.221E-04	2.427E+00	2.415E+00
County	Fresno	2012	Annual	T6 instate heavy	40 MPH	6.413E-04	1.910E-02	2.854E-03	2.522E-05	2.646E-05	2.873E-04	5.063E-04	8.201E-04	6.614E-06	1.231E-04	4.658E-04	5.956E-04	2.429E+00	2.417E+00
County	Fresno	2012	Annual	T6 instate small	40 MPH	4.976E-04	1.430E-02	2.208E-03	2.518E-05	2.646E-05	2.873E-04	4.116E-04	7.254E-04	6.614E-06	1.231E-04	3.787E-04	5.084E-04	2.425E+00	2.413E+00
County	Fresno	2012	Annual	T6 OOS heavy	40 MPH	4.124E-04	1.283E-02	1.796E-03	2.521E-05	2.646E-05	2.873E-04	3.237E-04	6.375E-04	6.614E-06	1.231E-04	2.978E-04	4.276E-04	2.429E+00	2.417E+00
County	Fresno	2012	Annual	T6 OOS small	40 MPH	3.599E-04	9.973E-03	1.550E-03	2.519E-05	2.646E-05	2.873E-04	2.840E-04	5.978E-04	6.614E-06	1.231E-04	2.613E-04	3.911E-04	2.427E+00	2.415E+00
County	Fresno	2012	Annual	T6 Public	40 MPH	5.000E-04	1.822E-02	2.027E-03	2.541E-05	2.646E-05	2.873E-04	4.784E-04	7.922E-04	6.614E-06	1.231E-04	4.401E-04	5.699E-04	2.448E+00	2.435E+00
County	Fresno	2012	Annual	T6 utility	40 MPH	2.401E-04	1.335E-02	1.074E-03	2.520E-05	2.646E-05	2.873E-04	2.404E-04	5.542E-04	6.614E-06	1.231E-04	2.212E-04	3.510E-04	2.427E+00	2.415E+00
County	Fresno	2012	Annual	T6TS	40 MPH	8.835E-04	4.461E-03	1.830E-02	1.554E-05	1.764E-05	8.102E-05	5.206E-06	1.039E-04	4.409E-06	3.472E-05	4.534E-06	4.367E-05	1.048E+00	1.042E+00
County	Fresno	2012	Annual	T7 Ag	40 MPH	1.349E-03	3.236E-02	7.781E-03	3.693E-05	7.937E-05	1.361E-04	1.114E-03	1.329E-03	1.984E-05	5.833E-05	1.025E-03	1.103E-03	3.782E+00	3.763E+00
County	Fresno	2012	Annual	T7 CAIRP	40 MPH	1.030E-03	2.101E-02	4.953E-03	3.661E-05	7.937E-05	1.361E-04	7.142E-04	9.296E-04	1.984E-05	5.833E-05	6.570E-04	7.352E-04	3.749E+00	3.731E+00
County	Fresno	2012	Annual	T7 CAIRP construction	40 MPH	1.043E-03	2.133E-02	5.013E-03	3.662E-05	7.937E-05	1.361E-04	7.253E-04	9.408E-04	1.984E-05	5.833E-05	6.673E-04	7.454E-04	3.750E+00	3.731E+00
County	Fresno	2012	Annual	T7 NNOOS	40 MPH	7.106E-04	1.267E-02	3.348E-03	3.645E-05	7.937E-05	1.361E-04	4.153E-04	6.308E-04	1.984E-05	5.833E-05	3.821E-04	4.603E-04	3.732E+00	3.714E+00
County	Fresno	2012	Annual	T7 NOOS	40 MPH	1.020E-03	2.101E-02	4.888E-03	3.662E-05	7.937E-05	1.361E-04	7.087E-04	9.242E-04	1.984E-05	5.833E-05	6.520E-04	7.302E-04	3.750E+00	3.731E+00
County	Fresno	2012	Annual	T7 other port	40 MPH	4.739E-04	3.399E-02	2.302E-03	3.698E-05	7.937E-05	1.361E-04	3.977E-04	6.132E-04	1.984E-05	5.833E-05	3.659E-04	4.441E-04	3.787E+00	3.768E+00
County	Fresno	2012	Annual	T7 POAK	40 MPH	4.350E-04	3.594E-02	2.149E-03	3.701E-05	7.937E-05	1.361E-04	3.529E-04	5.684E-04	1.984E-05	5.833E-05	3.247E-04	4.028E-04	3.790E+00	3.771E+00
County	Fresno	2012	Annual	T7 POLA	40 MPH	7.102E-04	1.751E-02	3.293E-03	3.712E-05	7.937E-05	1.361E-04	2.695E-04	4.850E-04	1.984E-05	5.833E-05	2.480E-04	3.261E-04	3.801E+00	3.782E+00
County	Fresno	2012	Annual	T7 Public	40 MPH	9.710E-04	3.336E-02	5.891E-03	3.725E-05	7.937E-05	1.361E-04	1.045E-03	1.261E-03	1.984E-05	5.833E-05	9.615E-04	1.040E-03	3.815E+00	3.796E+00
County	Fresno	2012	Annual	T7 Single	40 MPH	7.238E-04	2.485E-02	3.935E-03	3.646E-05	7.937E-05	1.361E-04	5.064E-04	7.218E-04	1.984E-05	5.833E-05	4.659E-04	5.440E-04	3.734E+00	3.715E+00
County	Fresno	2012	Annual	T7 single construction	40 MPH	7.335E-04	2.536E-02	3.993E-03	3.647E-05	7.937E-05	1.361E-04	5.160E-04	7.315E-04	1.984E-05	5.833E-05	4.747E-04	5.529E-04	3.735E+00	3.716E+00
County	Fresno	2012	Annual	T7 SWCV	40 MPH	1.907E-04	2.827E-02	1.027E-03	3.729E-05	7.937E-05	1.361E-04	1.306E-04	3.461E-04	1.984E-05	5.833E-05	1.201E-04	1.983E-04	3.819E+00	3.800E+00
County	Fresno	2012	Annual	T7 tractor	40 MPH	1.230E-03	2.713E-02	6.587E-03	3.662E-05	7.937E-05	1.361E-04	8.806E-04	1.096E-03	1.984E-05	5.833E-05	8.101E-04	8.883E-04	3.751E+00	3.732E+00
County	Fresno	2012	Annual	T7 tractor construction	40 MPH	1.275E-03	2.805E-02	6.909E-03	3.662E-05	7.937E-05	1.361E-04	9.025E-04	1.118E-03	1.984E-05	5.833E-05	8.303E-04	9.085E-04	3.750E+00	3.731E+00
County	Fresno	2012	Annual	T7 utility	40 MPH	4.384E-04	2.476E-02	2.350E-03	3.657E-05	7.937E-05	1.361E-04	4.025E-04	6.179E-04	1.984E-05	5.833E-05	3.703E-04	4.484E-04	3.745E+00	3.726E+00
County	Fresno	2012	Annual	T7IS	40 MPH	2.089E-03	1.329E-02	7.004E-02	1.420E-05	1.764E-05	8.102E-05	2.237E-06	1.009E-04	4.409E-06	3.472E-05	1.860E-06	4.099E-05	1.048E+00	1.042E+00
County	Fresno	2012	Annual	UBUS	40 MPH	9.481E-04	2.193E-02	7.358E-03	4.328E-05	1.764E-05	1.344E-03	2.878E-04	1.649E-03	4.409E-06	5.759E-04	2.648E-04	8.450E-04	4.326E+00	4.304E+00

County	Fresno	2012	Annual	All Other Buses	45 MPH	6.368E-04	1.787E-02	2.635E-03	2.537E-05	2.646E-05	2.873E-04	6.079E-04	9.217E-04	6.614E-06	1.231E-04	5.593E-04	6.891E-04	2.358E+00	2.346E+00
County	Fresno	2012	Annual	LDA	45 MPH	1.120E-04	3.753E-04	3.986E-03	7.403E-06	1.764E-05	8.102E-05	4.395E-06	1.031E-04	4.409E-06	3.472E-05	3.976E-06	4.311E-05	6.422E-01	6.024E-01
County	Fresno	2012	Annual	LDT1	45 MPH	2.901E-04	9.324E-04	9.175E-03	8.598E-06	1.764E-05	8.102E-05	9.858E-06	1.085E-04	4.409E-06	3.472E-05	8.906E-06	4.804E-05	7.384E-01	6.971E-01
County	Fresno	2012	Annual	LDT2	45 MPH	1.592E-04	7.250E-04	5.738E-03	1.012E-05	1.764E-05	8.102E-05	4.833E-06	1.035E-04	4.409E-06	3.472E-05	4.358E-06	4.349E-05	8.775E-01	8.388E-01
County	Fresno	2012	Annual	LHD1	45 MPH	2.630E-04	4.517E-03	3.247E-03	1.753E-05	2.098E-05	1.142E-04	3.041E-05	1.656E-04	5.245E-06	4.895E-05	2.798E-05	8.217E-05	1.058E+00	1.053E+00
County	Fresno	2012	Annual	LHD2	45 MPH	2.760E-04	6.139E-03	2.734E-03	1.500E-05	2.308E-05	1.524E-04	4.615E-05	2.216E-04	5.770E-06	6.530E-05	4.243E-05	1.135E-04	1.097E+00	1.092E+00
County	Fresno	2012	Annual	MCY	45 MPH	5.202E-03	2.846E-03	5.466E-02	4.885E-06	1.764E-05	8.102E-05	1.955E-06	1.006E-04	4.409E-06	3.472E-05	1.542E-06	4.067E-05	2.746E-01	2.732E-01
County	Fresno	2012	Annual	MDV	45 MPH	1.728E-04	9.792E-04	6.789E-03	1.275E-05	1.764E-05	8.102E-05	4.603E-06	1.033E-04	4.409E-06	3.472E-05	4.207E-06	4.334E-05	1.106E+00	1.075E+00
County	Fresno	2012	Annual	MH	45 MPH	4.664E-04	5.737E-03	1.485E-02	1.734E-05	1.920E-05	1.177E-04	7.190E-05	2.088E-04	4.801E-06	5.045E-05	6.599E-05	1.212E-04	1.246E+00	1.240E+00
County	Fresno	2012	Annual	Motor Coach	45 MPH	7.889E-04	2.387E-02	4.244E-03	3.656E-05	2.646E-05	2.873E-04	7.126E-04	1.026E-03	6.614E-06	1.231E-04	6.556E-04	7.854E-04	3.612E+00	3.594E+00
County	Fresno	2012	Annual	OBUS	45 MPH	4.224E-04	4.485E-03	9.017E-03	1.532E-05	1.764E-05	8.102E-05	1.795E-06	1.005E-04	4.409E-06	3.472E-05	1.639E-06	4.077E-05	9.966E-01	9.916E-01
County	Fresno	2012	Annual	PTO	45 MPH	1.813E-03	3.097E-02	8.587E-03	4.507E-05	0.000E+00	0.000E+00	1.064E-03	1.064E-03	0.000E+00	0.000E+00	9.792E-04	9.792E-04	4.736E+00	4.712E+00
County	Fresno	2012	Annual	SBUS	45 MPH	1.293E-03	1.747E-02	2.168E-02	2.484E-05	2.348E-05	1.116E-03	3.749E-04	1.515E-03	5.871E-06	4.784E-04	3.445E-04	8.287E-04	2.003E+00	1.993E+00
County	Fresno	2012	Annual	T6 Ag	45 MPH	8.227E-04	1.858E-02	3.209E-03	2.548E-05	2.646E-05	2.873E-04	7.235E-04	1.037E-03	6.614E-06	1.231E-04	6.656E-04	7.953E-04	2.367E+00	2.355E+00
County	Fresno	2012	Annual	T6 CAIRP heavy	45 MPH	3.662E-04	1.249E-02	1.674E-03	2.521E-05	2.646E-05	2.873E-04	3.344E-04	6.482E-04	6.614E-06	1.231E-04	3.076E-04	4.374E-04	2.343E+00	2.331E+00
County	Fresno	2012	Annual	T6 CAIRP small	45 MPH	3.185E-04	9.560E-03	1.490E-03	2.519E-05	2.646E-05	2.873E-04	3.022E-04	6.160E-04	6.614E-06	1.231E-04	2.780E-04	4.078E-04	2.341E+00	2.329E+00
County	Fresno	2012	Annual	T6 instate construction heavy	45 MPH	5.841E-04	1.934E-02	2.574E-03	2.523E-05	2.646E-05	2.873E-04	5.103E-04	8.241E-04	6.614E-06	1.231E-04	4.695E-04	5.992E-04	2.344E+00	2.332E+00
County	Fresno	2012	Annual	T6 instate construction small	45 MPH	4.549E-04	1.445E-02	2.089E-03	2.519E-05	2.646E-05	2.873E-04	4.387E-04	7.525E-04	6.614E-06	1.231E-04	4.036E-04	5.334E-04	2.341E+00	2.329E+00
County	Fresno	2012	Annual	T6 instate heavy	45 MPH	5.725E-04	1.888E-02	2.524E-03	2.522E-05	2.646E-05	2.873E-04	4.988E-04	8.126E-04	6.614E-06	1.231E-04	4.589E-04	5.886E-04	2.343E+00	2.331E+00
County	Fresno	2012	Annual	T6 instate small	45 MPH	4.419E-04	1.393E-02	2.030E-03	2.518E-05	2.646E-05	2.873E-04	4.236E-04	7.374E-04	6.614E-06	1.231E-04	3.897E-04	5.195E-04	2.339E+00	2.328E+00
County	Fresno	2012	Annual	T6 OOS heavy	45 MPH	3.662E-04	1.249E-02	1.674E-03	2.521E-05	2.646E-05	2.873E-04	3.344E-04	6.482E-04	6.614E-06	1.231E-04	3.076E-04	4.374E-04	2.343E+00	2.331E+00
County	Fresno	2012	Annual	T6 OOS small	45 MPH	3.185E-04	9.560E-03	1.490E-03	2.519E-05	2.646E-05	2.873E-04	3.022E-04	6.160E-04	6.614E-06	1.231E-04	2.780E-04	4.078E-04	2.341E+00	2.329E+00
County	Fresno	2012	Annual	T6 Public	45 MPH	4.496E-04	1.796E-02	1.785E-03	2.541E-05	2.646E-05	2.873E-04	4.629E-04	7.767E-04	6.614E-06	1.231E-04	4.259E-04	5.556E-04	2.361E+00	2.349E+00
County	Fresno	2012	Annual	T6 utility	45 MPH	2.129E-04	1.307E-02	9.988E-04	2.520E-05	2.646E-05	2.873E-04	2.490E-04	5.628E-04	6.614E-06	1.231E-04	2.290E-04	3.588E-04	2.341E+00	2.330E+00
County	Fresno	2012	Annual	T6TS	45 MPH	7.606E-04	4.613E-03	1.737E-02	1.554E-05	1.764E-05	8.102E-05	4.468E-06	1.031E-04	4.409E-06	3.472E-05	3.891E-06	4.302E-05	9.966E-01	9.916E-01
County	Fresno	2012	Annual	T7 Ag	45 MPH	1.210E-03	3.181E-02	6.863E-03	3.693E-05	7.937E-05	1.361E-04	1.086E-03	1.302E-03	1.984E-05	5.833E-05	9.992E-04	1.077E-03	3.648E+00	3.629E+00
County	Fresno	2012	Annual	T7 CAIRP	45 MPH	9.109E-04	2.004E-02	4.842E-03	3.661E-05	7.937E-05	1.361E-04	7.721E-04	9.876E-04	1.984E-05	5.833E-05	7.104E-04	7.885E-04	3.616E+00	3.598E+00
County	Fresno	2012	Annual	T7 CAIRP construction	45 MPH	9.218E-04	2.035E-02	4.900E-03	3.662E-05	7.937E-05	1.361E-04	7.841E-04	9.996E-04	1.984E-05	5.833E-05	7.214E-04	7.996E-04	3.617E+00	3.599E+00
County	Fresno	2012	Annual	T7 NNOOS	45 MPH	6.277E-04	1.202E-02	3.322E-03	3.645E-05	7.937E-05	1.361E-04	4.524E-04	6.678E-04	1.984E-05	5.833E-05	4.162E-04	4.944E-04	3.600E+00	3.582E+00
County	Fresno	2012	Annual	T7 NOOS	45 MPH	9.013E-04	2.004E-02	4.788E-03	3.662E-05	7.937E-05	1.361E-04	7.671E-04	9.826E-04	1.984E-05	5.833E-05	7.058E-04	7.840E-04	3.617E+00	3.599E+00
County	Fresno	2012	Annual	T7 other port	45 MPH	4.192E-04	3.323E-02	2.220E-03	3.698E-05	7.937E-05	1.361E-04	4.293E-04	6.447E-04	1.984E-05	5.833E-05	3.949E-04	4.731E-04	3.653E+00	3.634E+00
County	Fresno	2012	Annual	T7 POAK	45 MPH	3.850E-04	3.531E-02	2.043E-03	3.701E-05	7.937E-05	1.361E-04	3.778E-04	5.933E-04	1.984E-05	5.833E-05	3.476E-04	4.258E-04	3.656E+00	3.637E+00
County	Fresno	2012	Annual	T7 POLA	45 MPH	6.268E-04	1.656E-02	3.324E-03	3.712E-05	7.937E-05	1.361E-04	2.967E-04	5.122E-04	1.984E-05	5.833E-05	2.730E-04	3.511E-04	3.667E+00	3.648E+00
County	Fresno	2012	Annual	T7 Public	45 MPH	8.762E-04	3.293E-02	5.111E-03	3.725E-05	7.937E-05	1.361E-04	9.920E-04	1.207E-03	1.984E-05	5.833E-05	9.127E-04	9.908E-04	3.680E+00	3.661E+00
County	Fresno	2012	Annual	T7 Single	45 MPH	6.430E-04	2.450E-02	3.539E-03	3.646E-05	7.937E-05	1.361E-04	5.089E-04	7.244E-04	1.984E-05	5.833E-05	4.682E-04	5.464E-04	3.602E+00	3.584E+00
County	Fresno	2012	Annual	T7 single construction	45 MPH	6.516E-04	2.500E-02	3.588E-03	3.647E-05	7.937E-05	1.361E-04	5.184E-04	7.339E-04	1.984E-05	5.833E-05	4.769E-04	5.551E-04	3.603E+00	3.585E+00
County	Fresno	2012	Annual	T7 SWCV	45 MPH	1.700E-04	2.783E-02	9.446E-04	3.729E-05	7.937E-05	1.361E-04	1.292E-04	3.447E-04	1.984E-05	5.833E-05	1.189E-04	1.970E-04	3.684E+00	3.665E+00
County	Fresno	2012	Annual	T7 tractor	45 MPH	1.094E-03	2.645E-02	6.014E-03	3.662E-05	7.937E-05	1.361E-04	8.971E-04	1.113E-03	1.984E-05	5.833E-05	8.253E-04	9.035E-04	3.618E+00	3.600E+00
County	Fresno	2012	Annual	T7 tractor construction	45 MPH	1.135E-03	2.741E-02	6.261E-03	3.662E-05	7.937E-05	1.361E-04	9.129E-04	1.128E-03	1.984E-05	5.833E-05	8.399E-04	9.181E-04	3.617E+00	3.599E+00
County	Fresno	2012	Annual	T7 utility	45 MPH	3.893E-04	2.436E-02	2.147E-03	3.657E-05	7.937E-05	1.361E-04	4.095E-04	6.250E-04	1.984E-05	5.833E-05	3.767E-04	4.549E-04	3.612E+00	3.594E+00
County	Fresno	2012	Annual	T7IS	45 MPH	1.790E-03	1.389E-02	6.669E-02	1.420E-05	1.764E-05	8.102E-05	1.920E-06	1.006E-04	4.409E-06	3.472E-05	1.596E-06	4.073E-05	9.966E-01	9.916E-01
County	Fresno	2012	Annual	UBUS	45 MPH	8.459E-04	2.317E-02	6.946E-03	4.328E-05	1.764E-05	1.344E-03	2.621E-04	1.623E-03	4.409E-06	5.759E-04	2.411E-04	8.214E-04	4.311E+00	4.289E+00

County	Fresno	2012	Annual	All Other Buses	50 MPH	6.020E-04	1.768E-02	2.463E-03	2.537E-05	2.646E-05	2.873E-04	6.406E-04	9.544E-04	6.614E-06	1.231E-04	5.893E-04	7.191E-04	2.301E+00	2.290E+00
County	Fresno	2012	Annual	LDA	50 MPH	1.101E-04	3.767E-04	3.850E-03	7.403E-06	1.764E-05	8.102E-05	4.251E-06	1.029E-04	4.409E-06	3.472E-05	3.841E-06	4.297E-05	6.416E-01	6.019E-01
County	Fresno	2012	Annual	LDT1	50 MPH	2.839E-04	9.464E-04	8.961E-03	8.598E-06	1.764E-05	8.102E-05	9.496E-06	1.082E-04	4.409E-06	3.472E-05	8.570E-06	4.770E-05	7.376E-01	6.964E-01
County	Fresno	2012	Annual	LDT2	50 MPH	1.558E-04	7.278E-04	5.531E-03	1.012E-05	1.764E-05	8.102E-05	4.674E-06	1.033E-04	4.409E-06	3.472E-05	4.211E-06	4.334E-05	8.766E-01	8.379E-01
County	Fresno	2012	Annual	LHD1	50 MPH	2.432E-04	4.806E-03	3.275E-03	1.753E-05	2.098E-05	1.142E-04	2.810E-05	1.633E-04	5.245E-06	4.895E-05	2.585E-05	8.004E-05	1.061E+00	1.056E+00
County	Fresno	2012	Annual	LHD2	50 MPH	2.541E-04	6.592E-03	2.713E-03	1.500E-05	2.308E-05	1.524E-04	4.269E-05	2.181E-04	5.770E-06	6.530E-05	3.925E-05	1.103E-04	1.099E+00	1.094E+00
County	Fresno	2012	Annual	MCY	50 MPH	5.750E-03	2.942E-03	6.461E-02	4.885E-06	1.764E-05	8.102E-05	2.167E-06	1.008E-04	4.409E-06	3.472E-05	1.709E-06	4.084E-05	2.799E-01	2.785E-01
County	Fresno	2012	Annual	MDV	50 MPH	1.679E-04	9.824E-04	6.508E-03	1.275E-05	1.764E-05	8.102E-05	4.442E-06	1.031E-04	4.409E-06	3.472E-05	4.057E-06	4.319E-05	1.105E+00	1.073E+00
County	Fresno	2012	Annual	MH	50 MPH	4.185E-04	5.850E-03	1.489E-02	1.734E-05	1.920E-05	1.177E-04	7.591E-05	2.128E-04	4.801E-06	5.045E-05	6.971E-05	1.250E-04	1.240E+00	1.234E+00
County	Fresno	2012	Annual	Motor Coach	50 MPH	7.369E-04	2.352E-02	4.111E-03	3.656E-05	2.646E-05	2.873E-04	7.813E-04	1.095E-03	6.614E-06	1.231E-04	7.188E-04	8.486E-04	3.525E+00	3.508E+00
County	Fresno	2012	Annual	OBUS	50 MPH	3.734E-04	4.698E-03	9.027E-03	1.532E-05	1.764E-05	8.102E-05	1.605E-06	1.003E-04	4.409E-06	3.472E-05	1.466E-06	4.060E-05	1.002E+00	9.966E-01
County	Fresno	2012	Annual	PTO	50 MPH	1.813E-03	3.097E-02	8.587E-03	4.507E-05	0.000E+00	0.000E+00	1.064E-03	1.064E-03	0.000E+00	0.000E+00	9.792E-04	9.792E-04	4.736E+00	4.712E+00
County	Fresno	2012	Annual	SBUS	50 MPH	1.184E-03	1.751E-02	2.155E-02	2.484E-05	2.348E-05	1.116E-03	3.785E-04	1.518E-03	5.871E-06	4.784E-04	3.479E-04	8.321E-04	1.963E+00	1.953E+00
County	Fresno	2012	Annual	T6 Ag	50 MPH	7.830E-04	1.845E-02	2.917E-03	2.548E-05	2.646E-05	2.873E-04	7.369E-04	1.051E-03	6.614E-06	1.231E-04	6.780E-04	8.077E-04	2.310E+00	2.299E+00
County	Fresno	2012	Annual	T6 CAIRP heavy	50 MPH	3.442E-04	1.232E-02	1.613E-03	2.521E-05	2.646E-05	2.873E-04	3.643E-04	6.781E-04	6.614E-06	1.231E-04	3.352E-04	4.650E-04	2.287E+00	2.275E+00
County	Fresno	2012	Annual	T6 CAIRP small	50 MPH	2.943E-04	9.318E-03	1.476E-03	2.519E-05	2.646E-05	2.873E-04	3.353E-04	6.491E-04	6.614E-06	1.231E-04	3.084E-04	4.382E-04	2.285E+00	2.273E+00
County	Fresno	2012	Annual	T6 instate construction heavy	50 MPH	5.645E-04	1.930E-02	2.358E-03	2.523E-05	2.646E-05	2.873E-04	5.393E-04	8.531E-04	6.614E-06	1.231E-04	4.961E-04	6.259E-04	2.288E+00	2.276E+00
County	Fresno	2012	Annual	T6 instate construction small	50 MPH	4.319E-04	1.426E-02	1.987E-03	2.519E-05	2.646E-05	2.873E-04	4.780E-04	7.918E-04	6.614E-06	1.231E-04	4.398E-04	5.696E-04	2.285E+00	2.273E+00
County	Fresno	2012	Annual	T6 instate heavy	50 MPH	5.531E-04	1.884E-02	2.314E-03	2.522E-05	2.646E-05	2.873E-04	5.272E-04	8.410E-04	6.614E-06	1.231E-04	4.850E-04	6.148E-04	2.287E+00	2.276E+00
County	Fresno	2012	Annual	T6 instate small	50 MPH	4.193E-04	1.376E-02	1.933E-03	2.518E-05	2.646E-05	2.873E-04	4.617E-04	7.755E-04	6.614E-06	1.231E-04	4.247E-04	5.545E-04	2.283E+00	2.272E+00
County	Fresno	2012	Annual	T6 OOS heavy	50 MPH	3.442E-04	1.232E-02	1.613E-03	2.521E-05	2.646E-05	2.873E-04	3.643E-04	6.781E-04	6.614E-06	1.231E-04	3.352E-04	4.650E-04	2.287E+00	2.275E+00
County	Fresno	2012	Annual	T6 OOS small	50 MPH	2.943E-04	9.318E-03	1.476E-03	2.519E-05	2.646E-05	2.873E-04	3.353E-04	6.491E-04	6.614E-06	1.231E-04	3.084E-04	4.382E-04	2.285E+00	2.273E+00
County	Fresno	2012	Annual	T6 Public	50 MPH	4.293E-04	1.790E-02	1.620E-03	2.541E-05	2.646E-05	2.873E-04	4.734E-04	7.872E-04	6.614E-06	1.231E-04	4.356E-04	5.653E-04	2.304E+00	2.293E+00
County	Fresno	2012	Annual	T6 utility	50 MPH	2.008E-04	1.295E-02	9.617E-04	2.520E-05	2.646E-05	2.873E-04	2.730E-04	5.868E-04	6.614E-06	1.231E-04	2.511E-04	3.809E-04	2.285E+00	2.274E+00
County	Fresno	2012	Annual	T6TS	50 MPH	6.773E-04	4.833E-03	1.748E-02	1.554E-05	1.764E-05	8.102E-05	3.996E-06	1.027E-04	4.409E-06	3.472E-05	3.480E-06	4.261E-05	1.002E+00	9.966E-01
County	Fresno	2012	Annual	T7 Ag	50 MPH	1.155E-03	3.164E-02	6.237E-03	3.693E-05	7.937E-05	1.361E-04	1.113E-03	1.328E-03	1.984E-05	5.833E-05	1.024E-03	1.102E-03	3.560E+00	3.542E+00
County	Fresno	2012	Annual	T7 CAIRP	50 MPH	8.328E-04	1.946E-02	4.859E-03	3.661E-05	7.937E-05	1.361E-04	8.628E-04	1.078E-03	1.984E-05	5.833E-05	7.937E-04	8.719E-04	3.530E+00	3.512E+00
County	Fresno	2012	Annual	T7 CAIRP construction	50 MPH	8.429E-04	1.976E-02	4.917E-03	3.662E-05	7.937E-05	1.361E-04	8.762E-04	1.092E-03	1.984E-05	5.833E-05	8.061E-04	8.843E-04	3.531E+00	3.513E+00
County	Fresno	2012	Annual	T7 NNOOS	50 MPH	5.690E-04	1.162E-02	3.374E-03	3.645E-05	7.937E-05	1.361E-04	5.073E-04	7.228E-04	1.984E-05	5.833E-05	4.667E-04	5.449E-04	3.514E+00	3.496E+00
County	Fresno	2012	Annual	T7 NOOS	50 MPH	8.231E-04	1.946E-02	4.812E-03	3.662E-05	7.937E-05	1.361E-04	8.576E-04	1.073E-03	1.984E-05	5.833E-05	7.890E-04	8.672E-04	3.530E+00	3.512E+00
County	Fresno	2012	Annual	T7 other port	50 MPH	3.868E-04	3.289E-02	2.204E-03	3.698E-05	7.937E-05	1.361E-04	4.798E-04	6.953E-04	1.984E-05	5.833E-05	4.414E-04	5.196E-04	3.565E+00	3.547E+00
County	Fresno	2012	Annual	T7 POAK	50 MPH	3.585E-04	3.508E-02	2.005E-03	3.701E-05	7.937E-05	1.361E-04	4.209E-04	6.363E-04	1.984E-05	5.833E-05	3.872E-04	4.654E-04	3.568E+00	3.550E+00
County	Fresno	2012	Annual	T7 POLA	50 MPH	5.621E-04	1.597E-02	3.421E-03	3.712E-05	7.937E-05	1.361E-04	3.343E-04	5.498E-04	1.984E-05	5.833E-05	3.075E-04	3.857E-04	3.579E+00	3.561E+00
County	Fresno	2012	Annual	T7 Public	50 MPH	8.365E-04	3.285E-02	4.546E-03	3.725E-05	7.937E-05	1.361E-04	9.837E-04	1.199E-03	1.984E-05	5.833E-05	9.050E-04	9.832E-04	3.591E+00	3.573E+00
County	Fresno	2012	Annual	T7 Single	50 MPH	6.178E-04	2.440E-02	3.303E-03	3.646E-05	7.937E-05	1.361E-04	5.487E-04	7.642E-04	1.984E-05	5.833E-05	5.048E-04	5.830E-04	3.515E+00	3.498E+00
County	Fresno	2012	Annual	T7 single construction	50 MPH	6.265E-04	2.491E-02	3.346E-03	3.647E-05	7.937E-05	1.361E-04	5.589E-04	7.744E-04	1.984E-05	5.833E-05	5.142E-04	5.923E-04	3.516E+00	3.499E+00
County	Fresno	2012	Annual	T7 SWCV	50 MPH	1.592E-04	2.771E-02	8.961E-04	3.729E-05	7.937E-05	1.361E-04	1.347E-04	3.501E-04	1.984E-05	5.833E-05	1.239E-04	2.021E-04	3.595E+00	3.577E+00
County	Fresno	2012	Annual	T7 tractor	50 MPH	1.036E-03	2.612E-02	5.678E-03	3.662E-05	7.937E-05	1.361E-04	9.628E-04	1.178E-03	1.984E-05	5.833E-05	8.857E-04	9.639E-04	3.531E+00	3.513E+00
County	Fresno	2012	Annual	T7 tractor construction	50 MPH	1.079E-03	2.712E-02	5.870E-03	3.662E-05	7.937E-05	1.361E-04	9.757E-04	1.191E-03	1.984E-05	5.833E-05	8.977E-04	9.758E-04	3.530E+00	3.513E+00
County	Fresno	2012	Annual	T7 utility	50 MPH	3.697E-04	2.423E-02	2.032E-03	3.657E-05	7.937E-05	1.361E-04	4.434E-04	6.588E-04	1.984E-05	5.833E-05	4.079E-04	4.861E-04	3.526E+00	3.508E+00
County	Fresno	2012	Annual	T7IS	50 MPH	1.597E-03	1.438E-02	6.696E-02	1.420E-05	1.764E-05	8.102E-05	1.717E-06	1.004E-04	4.409E-06	3.472E-05	1.428E-06	4.056E-05	1.002E+00	9.966E-01
County	Fresno	2012	Annual	UBUS	50 MPH	7.839E-04	2.560E-02	6.941E-03	4.328E-05	1.764E-05	1.344E-03	2.472E-04	1.608E-03	4.409E-06	5.759E-04	2.274E-04	8.077E-04	4.312E+00	4.291E+00

County	Fresno	2012	Annual	All Other Buses	55 MPH	6.069E-04	1.773E-02	2.394E-03	2.537E-05	2.646E-05	2.873E-04	7.043E-04	1.018E-03	6.614E-06	1.231E-04	6.480E-04	7.777E-04	2.275E+00	2.263E+00
County	Fresno	2012	Annual	LDA	55 MPH	1.135E-04	3.842E-04	3.803E-03	7.403E-06	1.764E-05	8.102E-05	4.317E-06	1.030E-04	4.409E-06	3.472E-05	3.898E-06	4.303E-05	6.652E-01	6.240E-01
County	Fresno	2012	Annual	LDT1	55 MPH	2.911E-04	9.800E-04	8.999E-03	8.598E-06	1.764E-05	8.102E-05	9.578E-06	1.082E-04	4.409E-06	3.472E-05	8.635E-06	4.777E-05	7.647E-01	7.220E-01
County	Fresno	2012	Annual	LDT2	55 MPH	1.599E-04	7.446E-04	5.449E-03	1.012E-05	1.764E-05	8.102E-05	4.746E-06	1.034E-04	4.409E-06	3.472E-05	4.271E-06	4.340E-05	9.087E-01	8.687E-01
County	Fresno	2012	Annual	LHD1	55 MPH	2.233E-04	5.368E-03	3.408E-03	1.753E-05	2.098E-05	1.142E-04	2.657E-05	1.618E-04	5.245E-06	4.895E-05	2.445E-05	7.864E-05	1.100E+00	1.094E+00
County	Fresno	2012	Annual	LHD2	55 MPH	2.383E-04	7.398E-03	2.861E-03	1.500E-05	2.308E-05	1.524E-04	4.039E-05	2.158E-04	5.770E-06	6.530E-05	3.714E-05	1.082E-04	1.123E+00	1.117E+00
County	Fresno	2012	Annual	MCY	55 MPH	6.669E-03	3.053E-03	8.069E-02	4.885E-06	1.764E-05	8.102E-05	2.515E-06	1.012E-04	4.409E-06	3.472E-05	1.983E-06	4.111E-05	2.942E-01	2.927E-01
County	Fresno	2012	Annual	MDV	55 MPH	1.712E-04	1.006E-03	6.361E-03	1.275E-05	1.764E-05	8.102E-05	4.501E-06	1.032E-04	4.409E-06	3.472E-05	4.109E-06	4.324E-05	1.146E+00	1.113E+00
County	Fresno	2012	Annual	MH	55 MPH	3.893E-04	5.989E-03	1.582E-02	1.734E-05	1.920E-05	1.177E-04	8.414E-05	2.211E-04	4.801E-06	5.045E-05	7.729E-05	1.325E-04	1.286E+00	1.279E+00
County	Fresno	2012	Annual	Motor Coach	55 MPH	7.331E-04	2.350E-02	4.125E-03	3.656E-05	2.646E-05	2.873E-04	8.850E-04	1.199E-03	6.614E-06	1.231E-04	8.142E-04	9.440E-04	3.485E+00	3.467E+00
County	Fresno	2012	Annual	OBUS	55 MPH	3.390E-04	4.894E-03	9.571E-03	1.532E-05	1.764E-05	8.102E-05	1.497E-06	1.002E-04	4.409E-06	3.472E-05	1.367E-06	4.050E-05	1.064E+00	1.058E+00
County	Fresno	2012	Annual	PTO	55 MPH	1.813E-03	3.097E-02	8.587E-03	4.507E-05	0.000E+00	0.000E+00	1.064E-03	1.064E-03	0.000E+00	0.000E+00	9.792E-04	9.792E-04	4.736E+00	4.712E+00
County	Fresno	2012	Annual	SBUS	55 MPH	1.149E-03	1.778E-02	2.297E-02	2.484E-05	2.348E-05	1.116E-03	4.041E-04	1.544E-03	5.871E-06	4.784E-04	3.714E-04	8.556E-04	1.960E+00	1.950E+00
County	Fresno	2012	Annual	T6 Ag	55 MPH	7.949E-04	1.855E-02	2.759E-03	2.548E-05	2.646E-05	2.873E-04	7.865E-04	1.100E-03	6.614E-06	1.231E-04	7.236E-04	8.534E-04	2.284E+00	2.272E+00
County	Fresno	2012	Annual	T6 CAIRP heavy	55 MPH	3.463E-04	1.232E-02	1.612E-03	2.521E-05	2.646E-05	2.873E-04	4.136E-04	7.274E-04	6.614E-06	1.231E-04	3.805E-04	5.102E-04	2.260E+00	2.249E+00
County	Fresno	2012	Annual	T6 CAIRP small	55 MPH	2.872E-04	9.249E-03	1.507E-03	2.519E-05	2.646E-05	2.873E-04	3.831E-04	6.969E-04	6.614E-06	1.231E-04	3.525E-04	4.823E-04	2.259E+00	2.247E+00
County	Fresno	2012	Annual	T6 instate construction heavy	55 MPH	5.955E-04	1.946E-02	2.264E-03	2.523E-05	2.646E-05	2.873E-04	6.051E-04	9.189E-04	6.614E-06	1.231E-04	5.567E-04	6.864E-04	2.262E+00	2.250E+00
County	Fresno	2012	Annual	T6 instate construction small	55 MPH	4.431E-04	1.428E-02	1.970E-03	2.519E-05	2.646E-05	2.873E-04	5.444E-04	8.582E-04	6.614E-06	1.231E-04	5.009E-04	6.306E-04	2.258E+00	2.247E+00
County	Fresno	2012	Annual	T6 instate heavy	55 MPH	5.830E-04	1.899E-02	2.224E-03	2.522E-05	2.646E-05	2.873E-04	5.916E-04	9.054E-04	6.614E-06	1.231E-04	5.443E-04	6.740E-04	2.261E+00	2.249E+00
County	Fresno	2012	Annual	T6 instate small	55 MPH	4.296E-04	1.377E-02	1.917E-03	2.518E-05	2.646E-05	2.873E-04	5.258E-04	8.396E-04	6.614E-06	1.231E-04	4.837E-04	6.135E-04	2.257E+00	2.246E+00
County	Fresno	2012	Annual	T6 OOS heavy	55 MPH	3.463E-04	1.232E-02	1.612E-03	2.521E-05	2.646E-05	2.873E-04	4.136E-04	7.274E-04	6.614E-06	1.231E-04	3.805E-04	5.102E-04	2.260E+00	2.249E+00
County	Fresno	2012	Annual	T6 OOS small	55 MPH	2.872E-04	9.249E-03	1.507E-03	2.519E-05	2.646E-05	2.873E-04	3.831E-04	6.969E-04	6.614E-06	1.231E-04	3.525E-04	4.823E-04	2.259E+00	2.247E+00
County	Fresno	2012	Annual	T6 Public	55 MPH	4.393E-04	1.803E-02	1.533E-03	2.541E-05	2.646E-05	2.873E-04	5.100E-04	8.238E-04	6.614E-06	1.231E-04	4.692E-04	5.990E-04	2.278E+00	2.266E+00
County	Fresno	2012	Annual	T6 utility	55 MPH	2.039E-04	1.299E-02	9.625E-04	2.520E-05	2.646E-05	2.873E-04	3.125E-04	6.263E-04	6.614E-06	1.231E-04	2.875E-04	4.173E-04	2.259E+00	2.248E+00
County	Fresno	2012	Annual	T6TS	55 MPH	6.224E-04	5.037E-03	1.862E-02	1.554E-05	1.764E-05	8.102E-05	3.726E-06	1.024E-04	4.409E-06	3.472E-05	3.245E-06	4.238E-05	1.064E+00	1.058E+00
County	Fresno	2012	Annual	T7 Ag	55 MPH	1.185E-03	3.184E-02	5.901E-03	3.693E-05	7.937E-05	1.361E-04	1.194E-03	1.409E-03	1.984E-05	5.833E-05	1.098E-03	1.176E-03	3.519E+00	3.502E+00
County	Fresno	2012	Annual	T7 CAIRP	55 MPH	7.961E-04	1.927E-02	5.005E-03	3.661E-05	7.937E-05	1.361E-04	9.861E-04	1.202E-03	1.984E-05	5.833E-05	9.072E-04	9.854E-04	3.489E+00	3.472E+00
County	Fresno	2012	Annual	T7 CAIRP construction	55 MPH	8.059E-04	1.957E-02	5.064E-03	3.662E-05	7.937E-05	1.361E-04	1.001E-03	1.217E-03	1.984E-05	5.833E-05	9.213E-04	9.995E-04	3.490E+00	3.473E+00
County	Fresno	2012	Annual	T7 NNOOS	55 MPH	5.346E-04	1.146E-02	3.503E-03	3.645E-05	7.937E-05	1.361E-04	5.801E-04	7.956E-04	1.984E-05	5.833E-05	5.337E-04	6.119E-04	3.473E+00	3.456E+00
County	Fresno	2012	Annual	T7 NOOS	55 MPH	7.850E-04	1.927E-02	4.962E-03	3.662E-05	7.937E-05	1.361E-04	9.801E-04	1.196E-03	1.984E-05	5.833E-05	9.017E-04	9.799E-04	3.490E+00	3.472E+00
County	Fresno	2012	Annual	T7 other port	55 MPH	3.769E-04	3.297E-02	2.255E-03	3.698E-05	7.937E-05	1.361E-04	5.493E-04	7.648E-04	1.984E-05	5.833E-05	5.054E-04	5.835E-04	3.524E+00	3.506E+00
County	Fresno	2012	Annual	T7 POAK	55 MPH	3.553E-04	3.524E-02	2.035E-03	3.701E-05	7.937E-05	1.361E-04	4.821E-04	6.975E-04	1.984E-05	5.833E-05	4.435E-04	5.217E-04	3.527E+00	3.509E+00
County	Fresno	2012	Annual	T7 POLA	55 MPH	5.162E-04	1.573E-02	3.582E-03	3.712E-05	7.937E-05	1.361E-04	3.822E-04	5.977E-04	1.984E-05	5.833E-05	3.517E-04	4.298E-04	3.537E+00	3.520E+00
County	Fresno	2012	Annual	T7 Public	55 MPH	8.518E-04	3.314E-02	4.196E-03	3.725E-05	7.937E-05	1.361E-04	1.020E-03	1.236E-03	1.984E-05	5.833E-05	9.386E-04	1.017E-03	3.550E+00	3.532E+00
County	Fresno	2012	Annual	T7 Single	55 MPH	6.483E-04	2.456E-02	3.229E-03	3.646E-05	7.937E-05	1.361E-04	6.258E-04	8.413E-04	1.984E-05	5.833E-05	5.757E-04	6.539E-04	3.475E+00	3.458E+00
County	Fresno	2012	Annual	T7 single construction	55 MPH	6.581E-04	2.507E-02	3.268E-03	3.647E-05	7.937E-05	1.361E-04	6.374E-04	8.528E-04	1.984E-05	5.833E-05	5.864E-04	6.646E-04	3.476E+00	3.458E+00
County	Fresno	2012	Annual	T7 SWCV	55 MPH	1.583E-04	2.789E-02	8.813E-04	3.729E-05	7.937E-05	1.361E-04	1.470E-04	3.625E-04	1.984E-05	5.833E-05	1.352E-04	2.134E-04	3.554E+00	3.536E+00
County	Fresno	2012	Annual	T7 tractor	55 MPH	1.054E-03	2.616E-02	5.578E-03	3.662E-05	7.937E-05	1.361E-04	1.078E-03	1.293E-03	1.984E-05	5.833E-05	9.914E-04	1.070E-03	3.490E+00	3.473E+00
County	Fresno	2012	Annual	T7 tractor construction	55 MPH	1.107E-03	2.719E-02	5.736E-03	3.662E-05	7.937E-05	1.361E-04	1.091E-03	1.306E-03	1.984E-05	5.833E-05	1.004E-03	1.082E-03	3.490E+00	3.472E+00
County	Fresno	2012	Annual	T7 utility	55 MPH	3.796E-04	2.436E-02	2.006E-03	3.657E-05	7.937E-05	1.361E-04	5.040E-04	7.195E-04	1.984E-05	5.833E-05	4.637E-04	5.419E-04	3.485E+00	3.468E+00
County	Fresno	2012	Annual	T7IS	55 MPH	1.490E-03	1.480E-02	7.113E-02	1.420E-05	1.764E-05	8.102E-05	1.601E-06	1.003E-04	4.409E-06	3.472E-05	1.331E-06	4.046E-05	1.064E+00	1.058E+00
County	Fresno	2012	Annual	UBUS	55 MPH	7.544E-04	2.963E-02	7.339E-03	4.328E-05	1.764E-05	1.344E-03	2.414E-04	1.603E-03	4.409E-06	5.759E-04	2.221E-04	8.024E-04	4.330E+00	4.309E+00

County	Fresno	2012	Annual	All Other Buses	60 MPH	6.516E-04	1.801E-02	2.427E-03	2.537E-05	2.646E-05	2.873E-04	7.992E-04	1.113E-03	6.614E-06	1.231E-04	7.352E-04	8.650E-04	2.278E+00	2.267E+00
County	Fresno	2012	Annual	LDA	60 MPH	1.227E-04	3.973E-04	3.862E-03	7.403E-06	1.764E-05	8.102E-05	4.606E-06	1.033E-04	4.409E-06	3.472E-05	4.156E-06	4.329E-05	7.157E-01	6.713E-01
County	Fresno	2012	Annual	LDT1	60 MPH	3.122E-04	1.034E-03	9.331E-03	8.598E-06	1.764E-05	8.102E-05	1.012E-05	1.088E-04	4.409E-06	3.472E-05	9.116E-06	4.825E-05	8.227E-01	7.767E-01
County	Fresno	2012	Annual	LDT2	60 MPH	1.719E-04	7.751E-04	5.510E-03	1.012E-05	1.764E-05	8.102E-05	5.061E-06	1.037E-04	4.409E-06	3.472E-05	4.551E-06	4.368E-05	9.777E-01	9.346E-01
County	Fresno	2012	Annual	LHD1	60 MPH	2.089E-04	5.863E-03	3.591E-03	1.753E-05	2.098E-05	1.142E-04	2.527E-05	1.605E-04	5.245E-06	4.895E-05	2.325E-05	7.744E-05	1.179E+00	1.173E+00
County	Fresno	2012	Annual	LHD2	60 MPH	2.209E-04	8.135E-03	2.817E-03	1.500E-05	2.308E-05	1.524E-04	3.958E-05	2.150E-04	5.770E-06	6.530E-05	3.640E-05	1.075E-04	1.171E+00	1.165E+00
County	Fresno	2012	Annual	MCY	60 MPH	8.104E-03	3.178E-03	1.063E-01	4.885E-06	1.764E-05	8.102E-05	3.057E-06	1.017E-04	4.409E-06	3.472E-05	2.410E-06	4.154E-05	3.196E-01	3.180E-01
County	Fresno	2012	Annual	MDV	60 MPH	1.830E-04	1.049E-03	6.363E-03	1.275E-05	1.764E-05	8.102E-05	4.792E-06	1.034E-04	4.409E-06	3.472E-05	4.373E-06	4.350E-05	1.232E+00	1.197E+00
County	Fresno	2012	Annual	MH	60 MPH	3.797E-04	6.131E-03	1.772E-02	1.734E-05	1.920E-05	1.177E-04	9.655E-05	2.335E-04	4.801E-06	5.045E-05	8.870E-05	1.439E-04	1.392E+00	1.385E+00
County	Fresno	2012	Annual	Motor Coach	60 MPH	7.777E-04	2.383E-02	4.284E-03	3.656E-05	2.646E-05	2.873E-04	1.024E-03	1.338E-03	6.614E-06	1.231E-04	9.419E-04	1.072E-03	3.490E+00	3.473E+00
County	Fresno	2012	Annual	OBUS	60 MPH	3.234E-04	5.048E-03	1.075E-02	1.532E-05	1.764E-05	8.102E-05	1.455E-06	1.001E-04	4.409E-06	3.472E-05	1.329E-06	4.046E-05	1.193E+00	1.187E+00
County	Fresno	2012	Annual	PTO	60 MPH	1.813E-03	3.097E-02	8.587E-03	4.507E-05	0.000E+00	0.000E+00	1.064E-03	1.064E-03	0.000E+00	0.000E+00	9.792E-04	9.792E-04	4.736E+00	4.712E+00
County	Fresno	2012	Annual	SBUS	60 MPH	1.170E-03	1.813E-02	2.550E-02	2.484E-05	2.348E-05	1.116E-03	4.516E-04	1.591E-03	5.871E-06	4.784E-04	4.151E-04	8.993E-04	1.996E+00	1.986E+00
County	Fresno	2012	Annual	T6 Ag	60 MPH	8.585E-04	1.888E-02	2.737E-03	2.548E-05	2.646E-05	2.873E-04	8.722E-04	1.186E-03	6.614E-06	1.231E-04	8.024E-04	9.322E-04	2.288E+00	2.276E+00
County	Fresno	2012	Annual	T6 CAIRP heavy	60 MPH	3.725E-04	1.250E-02	1.673E-03	2.521E-05	2.646E-05	2.873E-04	4.820E-04	7.958E-04	6.614E-06	1.231E-04	4.435E-04	5.732E-04	2.264E+00	2.253E+00
County	Fresno	2012	Annual	T6 CAIRP small	60 MPH	2.972E-04	9.350E-03	1.582E-03	2.519E-05	2.646E-05	2.873E-04	4.458E-04	7.597E-04	6.614E-06	1.231E-04	4.102E-04	5.399E-04	2.262E+00	2.251E+00
County	Fresno	2012	Annual	T6 instate construction heavy	60 MPH	6.770E-04	1.980E-02	2.294E-03	2.523E-05	2.646E-05	2.873E-04	7.077E-04	1.022E-03	6.614E-06	1.231E-04	6.511E-04	7.809E-04	2.265E+00	2.254E+00
County	Fresno	2012	Annual	T6 instate construction small	60 MPH	4.885E-04	1.448E-02	2.036E-03	2.519E-05	2.646E-05	2.873E-04	6.378E-04	9.516E-04	6.614E-06	1.231E-04	5.868E-04	7.166E-04	2.262E+00	2.251E+00
County	Fresno	2012	Annual	T6 instate heavy	60 MPH	6.624E-04	1.932E-02	2.253E-03	2.522E-05	2.646E-05	2.873E-04	6.919E-04	1.006E-03	6.614E-06	1.231E-04	6.366E-04	7.663E-04	2.264E+00	2.253E+00
County	Fresno	2012	Annual	T6 instate small	60 MPH	4.729E-04	1.397E-02	1.983E-03	2.518E-05	2.646E-05	2.873E-04	6.159E-04	9.297E-04	6.614E-06	1.231E-04	5.667E-04	6.964E-04	2.261E+00	2.249E+00
County	Fresno	2012	Annual	T6 OOS heavy	60 MPH	3.725E-04	1.250E-02	1.673E-03	2.521E-05	2.646E-05	2.873E-04	4.820E-04	7.958E-04	6.614E-06	1.231E-04	4.435E-04	5.732E-04	2.264E+00	2.253E+00
County	Fresno	2012	Annual	T6 OOS small	60 MPH	2.972E-04	9.350E-03	1.582E-03	2.519E-05	2.646E-05	2.873E-04	4.458E-04	7.597E-04	6.614E-06	1.231E-04	4.102E-04	5.399E-04	2.262E+00	2.251E+00
County	Fresno	2012	Annual	T6 Public	60 MPH	4.795E-04	1.836E-02	1.524E-03	2.541E-05	2.646E-05	2.873E-04	5.726E-04	8.864E-04	6.614E-06	1.231E-04	5.268E-04	6.565E-04	2.281E+00	2.270E+00
County	Fresno	2012	Annual	T6 utility	60 MPH	2.221E-04	1.319E-02	1.001E-03	2.520E-05	2.646E-05	2.873E-04	3.676E-04	6.814E-04	6.614E-06	1.231E-04	3.382E-04	4.680E-04	2.262E+00	2.251E+00
County	Fresno	2012	Annual	T6TS	60 MPH	5.972E-04	5.194E-03	2.086E-02	1.554E-05	1.764E-05	8.102E-05	3.621E-06	1.023E-04	4.409E-06	3.472E-05	3.154E-06	4.229E-05	1.193E+00	1.187E+00
County	Fresno	2012	Annual	T7 Ag	60 MPH	1.300E-03	3.240E-02	5.855E-03	3.693E-05	7.937E-05	1.361E-04	1.329E-03	1.544E-03	1.984E-05	5.833E-05	1.222E-03	1.301E-03	3.525E+00	3.507E+00
County	Fresno	2012	Annual	T7 CAIRP	60 MPH	8.007E-04	1.946E-02	5.280E-03	3.661E-05	7.937E-05	1.361E-04	1.142E-03	1.358E-03	1.984E-05	5.833E-05	1.051E-03	1.129E-03	3.495E+00	3.477E+00
County	Fresno	2012	Annual	T7 CAIRP construction	60 MPH	8.108E-04	1.976E-02	5.341E-03	3.662E-05	7.937E-05	1.361E-04	1.160E-03	1.375E-03	1.984E-05	5.833E-05	1.067E-03	1.145E-03	3.496E+00	3.478E+00
County	Fresno	2012	Annual	T7 NNOOS	60 MPH	5.243E-04	1.156E-02	3.710E-03	3.645E-05	7.937E-05	1.361E-04	6.708E-04	8.863E-04	1.984E-05	5.833E-05	6.172E-04	6.953E-04	3.479E+00	3.462E+00
County	Fresno	2012	Annual	T7 NOOS	60 MPH	7.870E-04	1.946E-02	5.236E-03	3.662E-05	7.937E-05	1.361E-04	1.135E-03	1.350E-03	1.984E-05	5.833E-05	1.044E-03	1.122E-03	3.495E+00	3.478E+00
County	Fresno	2012	Annual	T7 other port	60 MPH	3.893E-04	3.346E-02	2.372E-03	3.698E-05	7.937E-05	1.361E-04	6.378E-04	8.532E-04	1.984E-05	5.833E-05	5.867E-04	6.649E-04	3.530E+00	3.512E+00
County	Fresno	2012	Annual	T7 POAK	60 MPH	3.757E-04	3.580E-02	2.132E-03	3.701E-05	7.937E-05	1.361E-04	5.614E-04	7.769E-04	1.984E-05	5.833E-05	5.165E-04	5.947E-04	3.533E+00	3.515E+00
County	Fresno	2012	Annual	T7 POLA	60 MPH	4.891E-04	1.586E-02	3.809E-03	3.712E-05	7.937E-05	1.361E-04	4.406E-04	6.561E-04	1.984E-05	5.833E-05	4.054E-04	4.835E-04	3.543E+00	3.525E+00
County	Fresno	2012	Annual	T7 Public	60 MPH	9.221E-04	3.379E-02	4.060E-03	3.725E-05	7.937E-05	1.361E-04	1.101E-03	1.317E-03	1.984E-05	5.833E-05	1.013E-03	1.092E-03	3.556E+00	3.538E+00
County	Fresno	2012	Annual	T7 Single	60 MPH	7.344E-04	2.497E-02	3.314E-03	3.646E-05	7.937E-05	1.361E-04	7.401E-04	9.556E-04	1.984E-05	5.833E-05	6.809E-04	7.591E-04	3.481E+00	3.463E+00
County	Fresno	2012	Annual	T7 single construction	60 MPH	7.464E-04	2.549E-02	3.353E-03	3.647E-05	7.937E-05	1.361E-04	7.539E-04	9.693E-04	1.984E-05	5.833E-05	6.936E-04	7.717E-04	3.481E+00	3.464E+00
County	Fresno	2012	Annual	T7 SWCV	60 MPH	1.673E-04	2.839E-02	9.001E-04	3.729E-05	7.937E-05	1.361E-04	1.662E-04	3.817E-04	1.984E-05	5.833E-05	1.529E-04	2.311E-04	3.560E+00	3.542E+00
County	Fresno	2012	Annual	T7 tractor	60 MPH	1.148E-03	2.655E-02	5.716E-03	3.662E-05	7.937E-05	1.361E-04	1.242E-03	1.457E-03	1.984E-05	5.833E-05	1.142E-03	1.220E-03	3.496E+00	3.478E+00
County	Fresno	2012	Annual	T7 tractor construction	60 MPH	1.218E-03	2.762E-02	5.860E-03	3.662E-05	7.937E-05	1.361E-04	1.258E-03	1.474E-03	1.984E-05	5.833E-05	1.158E-03	1.236E-03	3.496E+00	3.478E+00
County	Fresno	2012	Annual	T7 utility	60 MPH	4.190E-04	2.477E-02	2.067E-03	3.657E-05	7.937E-05	1.361E-04	5.915E-04	8.069E-04	1.984E-05	5.833E-05	5.442E-04	6.223E-04	3.491E+00	3.473E+00
County	Fresno	2012	Annual	T7IS	60 MPH	1.438E-03	1.540E-02	7.982E-02	1.420E-05	1.764E-05	8.102E-05	1.556E-06	1.002E-04	4.409E-06	3.472E-05	1.294E-06	4.043E-05	1.193E+00	1.187E+00
County	Fresno	2012	Annual	UBUS	60 MPH	7.536E-04	3.595E-02	8.213E-03	4.328E-05	1.764E-05	1.344E-03	2.442E-04	1.606E-03	4.409E-06	5.759E-04	2.247E-04	8.049E-04	4.368E+00	4.346E+00

County	Fresno	2012	Annual	All Other Buses	65 MPH	7.359E-04	1.853E-02	2.562E-03	2.537E-05	2.646E-05	2.873E-04	9.251E-04	1.239E-03	6.614E-06	1.231E-04	8.511E-04	9.809E-04	2.312E+00	2.300E+00
County	Fresno	2012	Annual	LDA	65 MPH	1.392E-04	4.173E-04	4.071E-03	7.403E-06	1.764E-05	8.102E-05	5.165E-06	1.038E-04	4.409E-06	3.472E-05	4.658E-06	4.379E-05	7.994E-01	7.498E-01
County	Fresno	2012	Annual	LDT1	65 MPH	3.509E-04	1.114E-03	1.008E-02	8.598E-06	1.764E-05	8.102E-05	1.122E-05	1.099E-04	4.409E-06	3.472E-05	1.009E-05	4.922E-05	9.188E-01	8.675E-01
County	Fresno	2012	Annual	LDT2	65 MPH	1.939E-04	8.224E-04	5.774E-03	1.012E-05	1.764E-05	8.102E-05	5.672E-06	1.043E-04	4.409E-06	3.472E-05	5.096E-06	4.423E-05	1.092E+00	1.044E+00
County	Fresno	2012	Annual	LHD1	65 MPH	2.210E-04	6.997E-03	4.430E-03	1.753E-05	2.098E-05	1.142E-04	2.538E-05	1.606E-04	5.245E-06	4.895E-05	2.335E-05	7.754E-05	1.316E+00	1.309E+00
County	Fresno	2012	Annual	LHD2	65 MPH	2.269E-04	9.768E-03	3.417E-03	1.500E-05	2.308E-05	1.524E-04	3.896E-05	2.144E-04	5.770E-06	6.530E-05	3.583E-05	1.069E-04	1.254E+00	1.247E+00
County	Fresno	2012	Annual	MCY	65 MPH	1.033E-02	3.318E-03	1.482E-01	4.885E-06	1.764E-05	8.102E-05	3.891E-06	1.025E-04	4.409E-06	3.472E-05	3.068E-06	4.220E-05	3.598E-01	3.580E-01
County	Fresno	2012	Annual	MDV	65 MPH	2.055E-04	1.118E-03	6.575E-03	1.275E-05	1.764E-05	8.102E-05	5.364E-06	1.040E-04	4.409E-06	3.472E-05	4.893E-06	4.402E-05	1.377E+00	1.337E+00
County	Fresno	2012	Annual	MH	65 MPH	3.953E-04	6.263E-03	2.095E-02	1.734E-05	1.920E-05	1.177E-04	1.131E-04	2.500E-04	4.801E-06	5.045E-05	1.039E-04	1.592E-04	1.579E+00	1.571E+00
County	Fresno	2012	Annual	Motor Coach	65 MPH	8.705E-04	2.450E-02	4.589E-03	3.656E-05	2.646E-05	2.873E-04	1.198E-03	1.511E-03	6.614E-06	1.231E-04	1.102E-03	1.232E-03	3.542E+00	3.524E+00
County	Fresno	2012	Annual	OBUS	65 MPH	3.348E-04	5.145E-03	1.279E-02	1.532E-05	1.764E-05	8.102E-05	1.474E-06	1.001E-04	4.409E-06	3.472E-05	1.346E-06	4.048E-05	1.414E+00	1.407E+00
County	Fresno	2012	Annual	PTO	65 MPH	1.813E-03	3.097E-02	8.587E-03	4.507E-05	0.000E+00	0.000E+00	1.064E-03	1.064E-03	0.000E+00	0.000E+00	9.792E-04	9.792E-04	4.736E+00	4.712E+00
County	Fresno	2012	Annual	SBUS	65 MPH	9.386E-04	1.790E-02	1.729E-02	2.484E-05	2.348E-05	1.116E-03	4.504E-04	1.590E-03	5.871E-06	4.784E-04	4.142E-04	8.984E-04	1.996E+00	1.986E+00
County	Fresno	2012	Annual	T6 Ag	65 MPH	9.738E-04	1.944E-02	2.850E-03	2.548E-05	2.646E-05	2.873E-04	9.940E-04	1.308E-03	6.614E-06	1.231E-04	9.145E-04	1.044E-03	2.322E+00	2.310E+00
County	Fresno	2012	Annual	T6 CAIRP heavy	65 MPH	4.229E-04	1.285E-02	1.795E-03	2.521E-05	2.646E-05	2.873E-04	5.698E-04	8.836E-04	6.614E-06	1.231E-04	5.242E-04	6.540E-04	2.298E+00	2.286E+00
County	Fresno	2012	Annual	T6 CAIRP small	65 MPH	3.243E-04	9.624E-03	1.703E-03	2.519E-05	2.646E-05	2.873E-04	5.234E-04	8.372E-04	6.614E-06	1.231E-04	4.815E-04	6.113E-04	2.296E+00	2.284E+00
County	Fresno	2012	Annual	T6 instate construction heavy	65 MPH	8.092E-04	2.033E-02	2.446E-03	2.523E-05	2.646E-05	2.873E-04	8.472E-04	1.161E-03	6.614E-06	1.231E-04	7.795E-04	9.092E-04	2.299E+00	2.287E+00
County	Fresno	2012	Annual	T6 instate construction small	65 MPH	5.681E-04	1.489E-02	2.187E-03	2.519E-05	2.646E-05	2.873E-04	7.583E-04	1.072E-03	6.614E-06	1.231E-04	6.976E-04	8.274E-04	2.295E+00	2.284E+00
County	Fresno	2012	Annual	T6 instate heavy	65 MPH	7.912E-04	1.985E-02	2.403E-03	2.522E-05	2.646E-05	2.873E-04	8.282E-04	1.142E-03	6.614E-06	1.231E-04	7.620E-04	8.917E-04	2.298E+00	2.286E+00
County	Fresno	2012	Annual	T6 instate small	65 MPH	5.492E-04	1.435E-02	2.129E-03	2.518E-05	2.646E-05	2.873E-04	7.321E-04	1.046E-03	6.614E-06	1.231E-04	6.736E-04	8.033E-04	2.294E+00	2.283E+00
County	Fresno	2012	Annual	T6 OOS heavy	65 MPH	4.229E-04	1.285E-02	1.795E-03	2.521E-05	2.646E-05	2.873E-04	5.698E-04	8.836E-04	6.614E-06	1.231E-04	5.242E-04	6.540E-04	2.298E+00	2.286E+00
County	Fresno	2012	Annual	T6 OOS small	65 MPH	3.243E-04	9.624E-03	1.703E-03	2.519E-05	2.646E-05	2.873E-04	5.234E-04	8.372E-04	6.614E-06	1.231E-04	4.815E-04	6.113E-04	2.296E+00	2.284E+00
County	Fresno	2012	Annual	T6 Public	65 MPH	5.499E-04	1.889E-02	1.592E-03	2.541E-05	2.646E-05	2.873E-04	6.612E-04	9.750E-04	6.614E-06	1.231E-04	6.083E-04	7.381E-04	2.315E+00	2.304E+00
County	Fresno	2012	Annual	T6 utility	65 MPH	2.556E-04	1.355E-02	1.078E-03	2.520E-05	2.646E-05	2.873E-04	4.382E-04	7.520E-04	6.614E-06	1.231E-04	4.031E-04	5.329E-04	2.296E+00	2.285E+00
County	Fresno	2012	Annual	T6TS	65 MPH	6.105E-04	5.291E-03	2.462E-02	1.554E-05	1.764E-05	8.102E-05	3.669E-06	1.023E-04	4.409E-06	3.472E-05	3.195E-06	4.233E-05	1.414E+00	1.407E+00
County	Fresno	2012	Annual	T7 Ag	65 MPH	1.500E-03	3.333E-02	6.100E-03	3.693E-05	7.937E-05	1.361E-04	1.518E-03	1.734E-03	1.984E-05	5.833E-05	1.397E-03	1.475E-03	3.577E+00	3.559E+00
County	Fresno	2012	Annual	T7 CAIRP	65 MPH	8.467E-04	2.004E-02	5.683E-03	3.661E-05	7.937E-05	1.361E-04	1.331E-03	1.546E-03	1.984E-05	5.833E-05	1.224E-03	1.302E-03	3.547E+00	3.529E+00
County	Fresno	2012	Annual	T7 CAIRP construction	65 MPH	8.577E-04	2.035E-02	5.749E-03	3.662E-05	7.937E-05	1.361E-04	1.351E-03	1.567E-03	1.984E-05	5.833E-05	1.243E-03	1.322E-03	3.547E+00	3.530E+00
County	Fresno	2012	Annual	T7 NNOOS	65 MPH	5.383E-04	1.191E-02	3.995E-03	3.645E-05	7.937E-05	1.361E-04	7.794E-04	9.949E-04	1.984E-05	5.833E-05	7.171E-04	7.952E-04	3.531E+00	3.513E+00
County	Fresno	2012	Annual	T7 NOOS	65 MPH	8.290E-04	2.004E-02	5.636E-03	3.662E-05	7.937E-05	1.361E-04	1.321E-03	1.537E-03	1.984E-05	5.833E-05	1.216E-03	1.294E-03	3.547E+00	3.529E+00
County	Fresno	2012	Annual	T7 other port	65 MPH	4.242E-04	3.438E-02	2.555E-03	3.698E-05	7.937E-05	1.361E-04	7.452E-04	9.606E-04	1.984E-05	5.833E-05	6.856E-04	7.637E-04	3.582E+00	3.564E+00
County	Fresno	2012	Annual	T7 POAK	65 MPH	4.194E-04	3.677E-02	2.297E-03	3.701E-05	7.937E-05	1.361E-04	6.589E-04	8.744E-04	1.984E-05	5.833E-05	6.062E-04	6.843E-04	3.585E+00	3.567E+00
County	Fresno	2012	Annual	T7 POLA	65 MPH	4.807E-04	1.634E-02	4.102E-03	3.712E-05	7.937E-05	1.361E-04	5.094E-04	7.248E-04	1.984E-05	5.833E-05	4.686E-04	5.468E-04	3.596E+00	3.578E+00
County	Fresno	2012	Annual	T7 Public	65 MPH	1.047E-03	3.481E-02	4.138E-03	3.725E-05	7.937E-05	1.361E-04	1.228E-03	1.443E-03	1.984E-05	5.833E-05	1.129E-03	1.208E-03	3.609E+00	3.591E+00
County	Fresno	2012	Annual	T7 Single	65 MPH	8.762E-04	2.564E-02	3.561E-03	3.646E-05	7.937E-05	1.361E-04	8.917E-04	1.107E-03	1.984E-05	5.833E-05	8.204E-04	8.985E-04	3.532E+00	3.514E+00
County	Fresno	2012	Annual	T7 single construction	65 MPH	8.914E-04	2.617E-02	3.602E-03	3.647E-05	7.937E-05	1.361E-04	9.084E-04	1.124E-03	1.984E-05	5.833E-05	8.357E-04	9.139E-04	3.533E+00	3.515E+00
County	Fresno	2012	Annual	T7 SWCV	65 MPH	1.863E-04	2.919E-02	9.525E-04	3.729E-05	7.937E-05	1.361E-04	1.922E-04	4.077E-04	1.984E-05	5.833E-05	1.769E-04	2.550E-04	3.613E+00	3.595E+00
County	Fresno	2012	Annual	T7 tractor	65 MPH	1.320E-03	2.730E-02	6.090E-03	3.662E-05	7.937E-05	1.361E-04	1.455E-03	1.670E-03	1.984E-05	5.833E-05	1.338E-03	1.417E-03	3.548E+00	3.530E+00
County	Fresno	2012	Annual	T7 tractor construction	65 MPH	1.414E-03	2.839E-02	6.241E-03	3.662E-05	7.937E-05	1.361E-04	1.478E-03	1.694E-03	1.984E-05	5.833E-05	1.360E-03	1.438E-03	3.547E+00	3.530E+00
County	Fresno	2012	Annual	T7 utility	65 MPH	4.879E-04	2.544E-02	2.217E-03	3.657E-05	7.937E-05	1.361E-04	7.057E-04	9.212E-04	1.984E-05	5.833E-05	6.493E-04	7.274E-04	3.542E+00	3.525E+00
County	Fresno	2012	Annual	T7IS	65 MPH	1.463E-03	1.596E-02	9.450E-02	1.420E-05	1.764E-05	8.102E-05	1.577E-06	1.002E-04	4.409E-06	3.472E-05	1.311E-06	4.044E-05	1.414E+00	1.407E+00
County	Fresno	2012	Annual	UBUS	65 MPH	1.022E-03	4.049E-02	1.222E-02	4.328E-05	1.764E-05	1.344E-03	2.516E-04	1.613E-03	4.409E-06	5.759E-04	2.315E-04	8.117E-04	4.425E+00	4.403E+00

County	Fresno	2012	Annual	All Other Buses	70 MPH	8.600E-04	1.930E-02	2.799E-03	2.537E-05	2.646E-05	2.873E-04	1.082E-03	1.396E-03	6.614E-06	1.231E-04	9.956E-04	1.125E-03	2.376E+00	2.364E+00
County	Fresno	2012	Annual	LDA	70 MPH	1.508E-04	4.305E-04	4.252E-03	7.403E-06	1.764E-05	8.102E-05	5.579E-06	1.042E-04	4.409E-06	3.472E-05	5.030E-06	4.416E-05	8.572E-01	8.040E-01
County	Fresno	2012	Annual	LDT1	70 MPH	3.784E-04	1.164E-03	1.067E-02	8.598E-06	1.764E-05	8.102E-05	1.203E-05	1.107E-04	4.409E-06	3.472E-05	1.081E-05	4.995E-05	9.851E-01	9.300E-01
County	Fresno	2012	Annual	LDT2	70 MPH	2.096E-04	8.529E-04	6.007E-03	1.012E-05	1.764E-05	8.102E-05	6.119E-06	1.048E-04	4.409E-06	3.472E-05	5.496E-06	4.463E-05	1.171E+00	1.119E+00
County	Fresno	2012	Annual	LHD1	70 MPH	2.584E-04	8.723E-03	6.153E-03	1.753E-05	2.098E-05	1.142E-04	2.666E-05	1.618E-04	5.245E-06	4.895E-05	2.453E-05	7.872E-05	1.536E+00	1.529E+00
County	Fresno	2012	Annual	LHD2	70 MPH	2.561E-04	1.233E-02	4.526E-03	1.500E-05	2.308E-05	1.524E-04	3.956E-05	2.150E-04	5.770E-06	6.530E-05	3.638E-05	1.074E-04	1.386E+00	1.379E+00
County	Fresno	2012	Annual	MCY	70 MPH	1.378E-02	3.476E-03	2.180E-01	4.885E-06	1.764E-05	8.102E-05	5.187E-06	1.038E-04	4.409E-06	3.472E-05	4.090E-06	4.322E-05	4.208E-01	4.187E-01
County	Fresno	2012	Annual	MDV	70 MPH	2.217E-04	1.162E-03	6.785E-03	1.275E-05	1.764E-05	8.102E-05	5.785E-06	1.044E-04	4.801E-06	5.045E-05	5.276E-06	6.052E-05	1.476E+00	1.434E+00
County	Fresno	2012	Annual	MH	70 MPH	4.634E-04	6.671E-03	2.732E-02	1.734E-05	1.920E-05	1.177E-04	1.417E-04	2.786E-04	4.801E-06	5.045E-05	1.302E-04	1.855E-04	1.881E+00	1.872E+00
County	Fresno	2012	Annual	Motor Coach	70 MPH	1.012E-03	2.553E-02	5.040E-03	3.656E-05	2.646E-05	2.873E-04	1.406E-03	1.720E-03	6.614E-06	1.231E-04	1.294E-03	1.424E-03	3.640E+00	3.622E+00
County	Fresno	2012	Annual	OBUS	70 MPH	4.783E-04	6.570E-03	2.241E-02	1.532E-05	1.764E-05	8.102E-05	1.665E-06	1.003E-04	4.409E-06	3.472E-05	1.466E-06	4.060E-05	1.771E+00	1.762E+00
County	Fresno	2012	Annual	PTO	70 MPH	1.813E-03	3.097E-02	8.587E-03	4.507E-05	0.000E+00	0.000E+00	1.064E-03	1.064E-03	0.000E+00	0.000E+00	9.792E-04	9.792E-04	4.736E+00	4.712E+00
County	Fresno	2012	Annual	SBUS	70 MPH	9.386E-04	1.790E-02	1.729E-02	2.484E-05	2.348E-05	1.116E-03	4.504E-04	1.590E-03	5.871E-06	4.784E-04	4.142E-04	8.984E-04	1.996E+00	1.986E+00
County	Fresno	2012	Annual	T6 Ag	70 MPH	1.141E-03	2.022E-02	3.098E-03	2.548E-05	2.646E-05	2.873E-04	1.152E-03	1.466E-03	6.614E-06	1.231E-04	1.060E-03	1.190E-03	2.386E+00	2.374E+00
County	Fresno	2012	Annual	T6 CAIRP heavy	70 MPH	4.974E-04	1.341E-02	1.978E-03	2.521E-05	2.646E-05	2.873E-04	6.768E-04	9.906E-04	6.614E-06	1.231E-04	6.226E-04	7.524E-04	2.361E+00	2.349E+00
County	Fresno	2012	Annual	T6 CAIRP small	70 MPH	3.685E-04	1.010E-02	1.868E-03	2.519E-05	2.646E-05	2.873E-04	6.158E-04	9.296E-04	6.614E-06	1.231E-04	5.665E-04	6.963E-04	2.359E+00	2.347E+00
County	Fresno	2012	Annual	T6 instate construction heavy	70 MPH	1.009E-03	2.085E-02	2.725E-03	2.523E-05	2.646E-05	2.873E-04	1.008E-03	1.322E-03	6.614E-06	1.231E-04	9.273E-04	1.057E-03	2.363E+00	2.352E+00
County	Fresno	2012	Annual	T6 instate construction small	70 MPH	6.653E-04	1.485E-02	2.356E-03	2.519E-05	2.646E-05	2.873E-04	8.620E-04	1.176E-03	6.614E-06	1.231E-04	7.930E-04	9.228E-04	2.359E+00	2.347E+00
County	Fresno	2012	Annual	T6 instate heavy	70 MPH	9.640E-04	1.996E-02	2.650E-03	2.522E-05	2.646E-05	2.873E-04	9.737E-04	1.287E-03	6.614E-06	1.231E-04	8.958E-04	1.026E-03	2.362E+00	2.351E+00
County	Fresno	2012	Annual	T6 instate small	70 MPH	6.241E-04	1.401E-02	2.266E-03	2.518E-05	2.646E-05	2.873E-04	8.190E-04	1.133E-03	6.614E-06	1.231E-04	7.535E-04	8.833E-04	2.357E+00	2.345E+00
County	Fresno	2012	Annual	T6 OOS heavy	70 MPH	4.974E-04	1.341E-02	1.978E-03	2.521E-05	2.646E-05	2.873E-04	6.768E-04	9.906E-04	6.614E-06	1.231E-04	6.226E-04	7.524E-04	2.361E+00	2.349E+00
County	Fresno	2012	Annual	T6 OOS small	70 MPH	3.685E-04	1.010E-02	1.868E-03	2.519E-05	2.646E-05	2.873E-04	6.158E-04	9.296E-04	6.614E-06	1.231E-04	5.665E-04	6.963E-04	2.359E+00	2.347E+00
County	Fresno	2012	Annual	T6 Public	70 MPH	6.127E-04	1.939E-02	1.647E-03	2.541E-05	2.646E-05	2.873E-04	7.341E-04	1.048E-03	6.614E-06	1.231E-04	6.753E-04	8.051E-04	2.372E+00	2.360E+00
County	Fresno	2012	Annual	T6 utility	70 MPH	3.042E-04	1.409E-02	1.192E-03	2.520E-05	2.646E-05	2.873E-04	5.243E-04	8.381E-04	6.614E-06	1.231E-04	4.824E-04	6.121E-04	2.359E+00	2.348E+00
County	Fresno	2012	Annual	T6TS	70 MPH	7.121E-04	6.927E-03	3.154E-02	1.554E-05	1.764E-05	8.102E-05	3.106E-06	1.018E-04	4.409E-06	3.472E-05	2.717E-06	4.185E-05	1.771E+00	1.762E+00
County	Fresno	2012	Annual	T7 Ag	70 MPH	1.784E-03	3.462E-02	6.635E-03	3.693E-05	7.937E-05	1.361E-04	1.762E-03	1.978E-03	1.984E-05	5.833E-05	1.621E-03	1.699E-03	3.676E+00	3.658E+00
County	Fresno	2012	Annual	T7 CAIRP	70 MPH	9.341E-04	2.105E-02	6.215E-03	3.661E-05	7.937E-05	1.361E-04	1.552E-03	1.768E-03	1.984E-05	5.833E-05	1.428E-03	1.506E-03	3.645E+00	3.626E+00
County	Fresno	2012	Annual	T7 CAIRP construction	70 MPH	9.466E-04	2.133E-02	6.287E-03	3.662E-05	7.937E-05	1.361E-04	1.576E-03	1.792E-03	1.984E-05	5.833E-05	1.450E-03	1.528E-03	3.645E+00	3.627E+00
County	Fresno	2012	Annual	T7 NNOOS	70 MPH	5.766E-04	1.254E-02	4.357E-03	3.645E-05	7.937E-05	1.361E-04	9.059E-04	1.121E-03	1.984E-05	5.833E-05	8.334E-04	9.116E-04	3.628E+00	3.610E+00
County	Fresno	2012	Annual	T7 NOOS	70 MPH	9.111E-04	2.105E-02	6.161E-03	3.662E-05	7.937E-05	1.361E-04	1.540E-03	1.755E-03	1.984E-05	5.833E-05	1.417E-03	1.495E-03	3.645E+00	3.627E+00
County	Fresno	2012	Annual	T7 other port	70 MPH	4.242E-04	3.422E-02	2.555E-03	3.698E-05	7.937E-05	1.361E-04	7.452E-04	9.606E-04	1.984E-05	5.833E-05	6.856E-04	7.637E-04	3.582E+00	3.564E+00
County	Fresno	2012	Annual	T7 POAK	70 MPH	4.194E-04	3.667E-02	2.297E-03	3.701E-05	7.937E-05	1.361E-04	6.589E-04	8.744E-04	1.984E-05	5.833E-05	6.062E-04	6.843E-04	3.585E+00	3.567E+00
County	Fresno	2012	Annual	T7 POLA	70 MPH	4.911E-04	1.719E-02	4.460E-03	3.712E-05	7.937E-05	1.361E-04	5.885E-04	8.040E-04	1.984E-05	5.833E-05	5.414E-04	6.196E-04	3.695E+00	3.677E+00
County	Fresno	2012	Annual	T7 Public	70 MPH	1.148E-03	3.559E-02	3.956E-03	3.725E-05	7.937E-05	1.361E-04	1.272E-03	1.488E-03	1.984E-05	5.833E-05	1.170E-03	1.249E-03	3.681E+00	3.663E+00
County	Fresno	2012	Annual	T7 Single	70 MPH	1.303E-03	3.059E-02	4.325E-03	3.646E-05	7.937E-05	1.361E-04	1.177E-03	1.393E-03	1.984E-05	5.833E-05	1.083E-03	1.161E-03	3.629E+00	3.611E+00
County	Fresno	2012	Annual	T7 single construction	70 MPH	1.333E-03	3.139E-02	4.326E-03	3.647E-05	7.937E-05	1.361E-04	1.181E-03	1.397E-03	1.984E-05	5.833E-05	1.087E-03	1.165E-03	3.627E+00	3.609E+00
County	Fresno	2012	Annual	T7 SWCV	70 MPH	2.280E-04	3.163E-02	1.057E-03	3.729E-05	7.937E-05	1.361E-04	2.300E-04	4.455E-04	1.984E-05	5.833E-05	2.116E-04	2.898E-04	3.723E+00	3.704E+00
County	Fresno	2012	Annual	T7 tractor	70 MPH	1.745E-03	3.063E-02	7.048E-03	3.662E-05	7.937E-05	1.361E-04	1.808E-03	2.023E-03	1.984E-05	5.833E-05	1.663E-03	1.741E-03	3.649E+00	3.631E+00
County	Fresno	2012	Annual	T7 tractor construction	70 MPH	1.945E-03	3.257E-02	7.369E-03	3.662E-05	7.937E-05	1.361E-04	1.877E-03	2.092E-03	1.984E-05	5.833E-05	1.726E-03	1.805E-03	3.650E+00	3.632E+00
County	Fresno	2012	Annual	T7 utility	70 MPH	5.863E-04	2.639E-02	2.455E-03	3.657E-05	7.937E-05	1.361E-04	8.468E-04	1.062E-03	1.984E-05	5.833E-05	7.790E-04	8.572E-04	3.640E+00	3.622E+00
County	Fresno	2012	Annual	T7IS	70 MPH	2.698E-03	2.397E-02	1.665E-01	1.420E-05	1.764E-05	8.102E-05	2.112E-06	1.008E-04	4.409E-06	3.472E-05	1.808E-06	4.094E-05	1.771E+00	1.762E+00
County	Fresno	2012	Annual	UBUS	70 MPH	1.022E-03	4.049E-02	1.222E-02	4.328E-05	1.764E-05	1.344E-03	2.516E-04	1.613E-03	4.409E-06	5.759E-04	2.315E-04	8.117E-04	4.425E+00	4.403E+00

Fresno 2012 - all Model Years 1.0E-06 **MTons/Mile**

Region_Type	Region	CalYr	Season	Veh	Speed	ROG_RUNEX	NOx_RUNEX	CO_RUNEX	SOx_RUNEX	PM10_PMTW	PM10_PMBW	PM10_RUNEX	PM10_Total	PM2_5_PMTW	PM2_5_PMBW	PM2_5_RUNEX	PM2_5_Total	CO2_RUNEX	CO2(Pavley I + LCFS)_RUNEX
County	Fresno	2012	Annual	All Other Buses	05 MPH	4.831E-06	2.650E-05	6.472E-06	1.151E-08	1.200E-08	1.303E-07	1.219E-06	1.361E-06	3.000E-09	5.586E-08	1.122E-06	1.180E-06	2.621E-03	2.608E-03
County	Fresno	2012	Annual	LDA	05 MPH	3.295E-07	2.977E-07	4.376E-06	3.358E-09	8.000E-09	3.675E-08	1.532E-08	6.007E-08	2.000E-09	1.575E-08	1.398E-08	3.173E-08	1.120E-03	1.051E-03
County	Fresno	2012	Annual	LDT1	05 MPH	7.992E-07	7.976E-07	1.100E-05	3.900E-09	8.000E-09	3.675E-08	3.173E-08	7.648E-08	2.000E-09	1.575E-08	2.889E-08	4.664E-08	1.289E-03	1.217E-03
County	Fresno	2012	Annual	LDT2	05 MPH	4.691E-07	6.287E-07	6.314E-06	4.591E-09	8.000E-09	3.675E-08	1.676E-08	6.151E-08	2.000E-09	1.575E-08	1.526E-08	3.301E-08	1.533E-03	1.465E-03
County	Fresno	2012	Annual	LHD1	05 MPH	7.743E-07	3.016E-06	8.226E-06	7.950E-09	9.522E-09	5.186E-08	5.380E-08	1.152E-07	2.379E-09	2.220E-08	4.949E-08	7.407E-08	1.757E-03	1.748E-03
County	Fresno	2012	Annual	LHD2	05 MPH	6.452E-07	4.461E-06	6.790E-06	6.805E-09	1.049E-08	6.941E-08	7.792E-08	1.578E-07	2.617E-09	2.962E-08	7.156E-08	1.038E-07	1.275E-03	1.269E-03
County	Fresno	2012	Annual	MCY	05 MPH	5.074E-06	1.161E-06	3.256E-05	2.216E-09	7.999E-09	3.674E-08	1.791E-09	4.653E-08	2.000E-09	1.575E-08	1.422E-09	1.917E-08	2.488E-04	2.475E-04
County	Fresno	2012	Annual	MDV	05 MPH	5.570E-07	8.818E-07	7.241E-06	5.783E-09	8.000E-09	3.675E-08	1.641E-08	6.116E-08	2.000E-09	1.575E-08	1.507E-08	3.282E-08	1.932E-03	1.877E-03
County	Fresno	2012	Annual	MH	05 MPH	1.971E-06	4.664E-06	3.731E-05	7.866E-09	8.737E-09	5.399E-08	1.468E-07	2.096E-07	2.178E-09	2.288E-08	1.345E-07	1.596E-07	2.489E-03	2.476E-03
County	Fresno	2012	Annual	Motor Coach	05 MPH	6.473E-06	3.661E-05	1.125E-05	1.659E-08	1.200E-08	1.303E-07	1.084E-06	1.227E-06	3.000E-09	5.586E-08	9.976E-07	1.057E-06	4.015E-03	3.995E-03
County	Fresno	2012	Annual	OBUS	05 MPH	1.656E-06	1.477E-06	2.271E-05	6.948E-09	8.000E-09	3.675E-08	7.052E-09	5.180E-08	2.000E-09	1.575E-08	6.442E-09	2.419E-08	2.513E-03	2.501E-03
County	Fresno	2012	Annual	PTO	05 MPH	8.225E-07	1.405E-05	3.895E-06	2.044E-08	0.000E+00	0.000E+00	4.828E-07	4.828E-07	0.000E+00	0.000E+00	4.442E-07	4.442E-07	2.148E-03	2.138E-03
County	Fresno	2012	Annual	SBUS	05 MPH	6.648E-06	2.262E-05	5.425E-05	1.127E-08	1.095E-08	5.590E-07	1.033E-06	1.603E-06	2.663E-09	2.170E-07	9.491E-07	1.169E-06	2.596E-03	2.583E-03
County	Fresno	2012	Annual	T6 Ag	05 MPH	5.940E-06	2.661E-05	7.379E-06	1.156E-08	1.200E-08	1.303E-07	1.643E-06	1.785E-06	3.000E-09	5.586E-08	1.511E-06	1.570E-06	2.632E-03	2.619E-03
County	Fresno	2012	Annual	T6 CAIRP heavy	05 MPH	3.065E-06	1.907E-05	4.519E-06	1.144E-08	1.200E-08	1.303E-07	6.572E-07	7.996E-07	3.000E-09	5.586E-08	6.047E-07	6.635E-07	2.605E-03	2.592E-03
County	Fresno	2012	Annual	T6 CAIRP small	05 MPH	2.550E-06	1.518E-05	4.021E-06	1.143E-08	1.200E-08	1.303E-07	4.228E-07	5.652E-07	3.000E-09	5.586E-08	3.890E-07	4.479E-07	2.603E-03	2.590E-03
County	Fresno	2012	Annual	T6 instate construction heavy	05 MPH	5.264E-06	2.832E-05	6.977E-06	1.144E-08	1.200E-08	1.303E-07	1.494E-06	1.637E-06	3.000E-09	5.586E-08	1.375E-06	1.434E-06	2.606E-03	2.593E-03
County	Fresno	2012	Annual	T6 instate construction small	05 MPH	4.012E-06	2.203E-05	5.754E-06	1.143E-08	1.200E-08	1.303E-07	9.429E-07	1.085E-06	3.000E-09	5.586E-08	8.674E-07	9.263E-07	2.602E-03	2.589E-03
County	Fresno	2012	Annual	T6 instate heavy	05 MPH	5.154E-06	2.765E-05	6.841E-06	1.144E-08	1.200E-08	1.303E-07	1.457E-06	1.600E-06	3.000E-09	5.586E-08	1.341E-06	1.400E-06	2.605E-03	2.592E-03
County	Fresno	2012	Annual	T6 instate small	05 MPH	3.887E-06	2.126E-05	5.588E-06	1.142E-08	1.200E-08	1.303E-07	9.064E-07	1.049E-06	3.000E-09	5.586E-08	8.339E-07	8.928E-07	2.601E-03	2.588E-03
County	Fresno	2012	Annual	T6 OOS heavy	05 MPH	3.065E-06	1.907E-05	4.519E-06	1.144E-08	1.200E-08	1.303E-07	6.572E-07	7.996E-07	3.000E-09	5.586E-08	6.047E-07	6.635E-07	2.605E-03	2.592E-03
County	Fresno	2012	Annual	T6 OOS small	05 MPH	2.550E-06	1.518E-05	4.021E-06	1.143E-08	1.200E-08	1.303E-07	4.228E-07	5.652E-07	3.000E-09	5.586E-08	3.890E-07	4.479E-07	2.603E-03	2.590E-03
County	Fresno	2012	Annual	T6 Public	05 MPH	3.376E-06	2.565E-05	4.224E-06	1.152E-08	1.200E-08	1.303E-07	1.166E-06	1.308E-06	3.000E-09	5.586E-08	1.073E-06	1.131E-06	2.625E-03	2.612E-03
County	Fresno	2012	Annual	T6 utility	05 MPH	1.866E-06	1.977E-05	2.771E-06	1.143E-08	1.200E-08	1.303E-07	5.270E-07	6.693E-07	3.000E-09	5.586E-08	4.848E-07	5.437E-07	2.603E-03	2.590E-03
County	Fresno	2012	Annual	T6TS	05 MPH	2.985E-06	1.519E-06	4.376E-05	7.047E-09	8.000E-09	3.675E-08	1.756E-08	6.231E-08	2.000E-09	1.575E-08	1.529E-08	3.304E-08	2.513E-03	2.501E-03
County	Fresno	2012	Annual	T7 Ag	05 MPH	9.485E-06	4.594E-05	1.586E-05	1.675E-08	3.600E-08	6.174E-08	2.413E-06	2.510E-06	9.000E-09	2.646E-08	2.220E-06	2.255E-06	4.055E-03	4.035E-03
County	Fresno	2012	Annual	T7 CAIRP	05 MPH	6.993E-06	3.218E-05	1.292E-05	1.661E-08	3.600E-08	6.174E-08	7.869E-07	8.847E-07	9.000E-09	2.646E-08	7.240E-07	7.594E-07	4.020E-03	4.000E-03
County	Fresno	2012	Annual	T7 CAIRP construction	05 MPH	7.081E-06	3.267E-05	1.308E-05	1.661E-08	3.600E-08	6.174E-08	7.999E-07	8.976E-07	9.000E-09	2.646E-08	7.359E-07	7.713E-07	4.021E-03	4.001E-03
County	Fresno	2012	Annual	T7 NNOOS	05 MPH	4.643E-06	1.955E-05	8.790E-06	1.653E-08	3.600E-08	6.174E-08	3.874E-07	4.851E-07	9.000E-09	2.646E-08	3.564E-07	3.918E-07	4.002E-03	3.982E-03
County	Fresno	2012	Annual	T7 NOOS	05 MPH	6.883E-06	3.218E-05	1.275E-05	1.661E-08	3.600E-08	6.174E-08	7.592E-07	8.570E-07	9.000E-09	2.646E-08	6.985E-07	7.339E-07	4.021E-03	4.001E-03
County	Fresno	2012	Annual	T7 other port	05 MPH	3.373E-06	5.054E-05	6.025E-06	1.677E-08	3.600E-08	6.174E-08	4.723E-07	5.700E-07	9.000E-09	2.646E-08	4.345E-07	4.700E-07	4.061E-03	4.040E-03
County	Fresno	2012	Annual	T7 POAK	05 MPH	3.222E-06	5.310E-05	5.611E-06	1.679E-08	3.600E-08	6.174E-08	4.944E-07	5.921E-07	9.000E-09	2.646E-08	4.548E-07	4.903E-07	4.064E-03	4.044E-03
County	Fresno	2012	Annual	T7 POLA	05 MPH	4.406E-06	2.713E-05	8.688E-06	1.684E-08	3.600E-08	6.174E-08	1.792E-07	2.770E-07	9.000E-09	2.646E-08	1.649E-07	2.004E-07	4.076E-03	4.056E-03
County	Fresno	2012	Annual	T7 Public	05 MPH	6.150E-06	4.553E-05	1.042E-05	1.690E-08	3.600E-08	6.174E-08	2.285E-06	2.383E-06	9.000E-09	2.646E-08	2.102E-06	2.138E-06	4.091E-03	4.070E-03
County	Fresno	2012	Annual	T7 Single	05 MPH	6.029E-06	3.641E-05	9.938E-06	1.654E-08	3.600E-08	6.174E-08	1.413E-06	1.510E-06	9.000E-09	2.646E-08	1.300E-06	1.335E-06	4.004E-03	3.984E-03
County	Fresno	2012	Annual	T7 single construction	05 MPH	6.124E-06	3.716E-05	1.008E-05	1.654E-08	3.600E-08	6.174E-08	1.443E-06	1.541E-06	9.000E-09	2.646E-08	1.328E-06	1.363E-06	4.005E-03	3.985E-03
County	Fresno	2012	Annual	T7 SWCV	05 MPH	1.313E-06	4.026E-05	2.320E-06	1.692E-08	3.600E-08	6.174E-08	2.842E-07	3.819E-07	9.000E-09	2.646E-08	2.614E-07	2.969E-07	4.095E-03	4.075E-03
County	Fresno	2012	Annual	T7 tractor	05 MPH	9.229E-06	3.991E-05	1.570E-05	1.661E-08	3.600E-08	6.174E-08	1.785E-06	1.883E-06	9.000E-09	2.646E-08	1.643E-06	1.678E-06	4.022E-03	4.002E-03
County	Fresno	2012	Annual	T7 tractor construction	05 MPH	9.740E-06	4.111E-05	1.640E-05	1.661E-08	3.600E-08	6.174E-08	1.959E-06	2.057E-06	9.000E-09	2.646E-08	1.803E-06	1.838E-06	4.021E-03	4.001E-03
County	Fresno	2012	Annual	T7 utility	05 MPH	3.451E-06	3.623E-05	5.879E-06	1.659E-08	3.600E-08	6.174E-08	9.766E-07	1.074E-06	9.000E-09	2.646E-08	8.984E-07	9.339E-07	4.016E-03	3.996E-03
County	Fresno	2012	Annual	T7IS	05 MPH	7.046E-06	4.577E-06	1.680E-04	6.443E-09	8.000E-09	3.675E-08	7.545E-09	5.229E-08	2.000E-09	1.575E-08	6.272E-09	2.402E-08	2.513E-03	2.501E-03
County	Fresno	2012	Annual	UBUS	05 MPH	2.326E-06	2.160E-05	1.948E-05	1.963E-08	8.000E-09	6.095E-07	5.634E-07	1.181E-06	2.000E-09	2.612E-07	5.183E-07	7.815E-07	2.550E-03	2.538E-03

County	Fresno	2012	Annual	All Other Buses	10 MPH	2.917E-06	1.871E-05	4.670E-06	1.151E-08	1.200E-08	1.303E-07	8.785E-07	1.021E-06	3.000E-09	5.586E-08	8.082E-07	8.671E-07	2.165E-03	2.154E-03
County	Fresno	2012	Annual	LDA	10 MPH	2.200E-07	2.583E-07	3.671E-06	3.358E-09	8.000E-09	3.675E-08	9.967E-09	5.472E-08	2.000E-09	1.575E-08	9.083E-09	2.683E-08	8.357E-04	7.839E-04
County	Fresno	2012	Annual	LDT1	10 MPH	5.431E-07	6.710E-07	8.968E-06	3.900E-09	8.000E-09	3.675E-08	2.104E-08	6.579E-08	2.000E-09	1.575E-08	1.913E-08	3.688E-08	9.612E-04	9.075E-04
County	Fresno	2012	Annual	LDT2	10 MPH	3.142E-07	5.349E-07	5.306E-06	4.591E-09	8.000E-09	3.675E-08	1.090E-08	5.565E-08	2.000E-09	1.575E-08	9.913E-09	2.766E-08	1.143E-03	1.093E-03
County	Fresno	2012	Annual	LHD1	10 MPH	6.397E-07	2.772E-06	6.680E-06	7.950E-09	9.517E-09	5.180E-08	4.697E-08	1.083E-07	2.379E-09	2.220E-08	4.321E-08	6.779E-08	1.461E-03	1.454E-03
County	Fresno	2012	Annual	LHD2	10 MPH	5.444E-07	4.066E-06	5.520E-06	6.805E-09	1.047E-08	6.912E-08	6.848E-08	1.481E-07	2.617E-09	2.962E-08	6.291E-08	9.515E-08	1.095E-03	1.090E-03
County	Fresno	2012	Annual	MCY	10 MPH	4.404E-06	1.146E-06	2.932E-05	2.216E-09	8.000E-09	3.675E-08	1.575E-09	4.632E-08	2.000E-09	1.575E-08	1.250E-09	1.900E-08	2.276E-04	2.264E-04
County	Fresno	2012	Annual	MDV	10 MPH	3.690E-07	7.453E-07	6.165E-06	5.783E-09	8.000E-09	3.675E-08	1.063E-08	5.538E-08	2.000E-09	1.575E-08	9.759E-09	2.751E-08	1.441E-03	1.400E-03
County	Fresno	2012	Annual	MH	10 MPH	1.574E-06	4.064E-06	3.024E-05	7.866E-09	8.711E-09	5.339E-08	1.224E-07	1.845E-07	2.178E-09	2.288E-08	1.121E-07	1.372E-07	2.059E-03	2.049E-03
County	Fresno	2012	Annual	Motor Coach	10 MPH	3.806E-06	2.597E-05	7.691E-06	1.659E-08	1.200E-08	1.303E-07	7.995E-07	9.418E-07	3.000E-09	5.586E-08	7.355E-07	7.944E-07	3.317E-03	3.300E-03
County	Fresno	2012	Annual	OBUS	10 MPH	1.335E-06	1.516E-06	1.839E-05	6.948E-09	8.000E-09	3.675E-08	5.679E-09	5.043E-08	2.000E-09	1.575E-08	5.188E-09	2.294E-08	2.036E-03	2.026E-03
County	Fresno	2012	Annual	PTO	10 MPH	8.225E-07	1.405E-05	3.895E-06	2.044E-08	0.000E+00	0.000E+00	4.828E-07	4.828E-07	0.000E+00	0.000E+00	4.442E-07	4.442E-07	2.148E-03	2.138E-03
County	Fresno	2012	Annual	SBUS	10 MPH	4.720E-06	1.589E-05	4.367E-05	1.127E-08	1.065E-08	5.063E-07	7.285E-07	1.245E-06	2.663E-09	2.170E-07	6.689E-07	8.885E-07	2.134E-03	2.123E-03
County	Fresno	2012	Annual	T6 Ag	10 MPH	3.648E-06	1.878E-05	5.574E-06	1.156E-08	1.200E-08	1.303E-07	1.177E-06	1.320E-06	3.000E-09	5.586E-08	1.083E-06	1.142E-06	2.174E-03	2.163E-03
County	Fresno	2012	Annual	T6 CAIRP heavy	10 MPH	1.805E-06	1.347E-05	3.107E-06	1.144E-08	1.200E-08	1.303E-07	4.697E-07	6.120E-07	3.000E-09	5.586E-08	4.321E-07	4.909E-07	2.152E-03	2.141E-03
County	Fresno	2012	Annual	T6 CAIRP small	10 MPH	1.491E-06	1.101E-05	2.663E-06	1.143E-08	1.200E-08	1.303E-07	3.140E-07	4.563E-07	3.000E-09	5.586E-08	2.889E-07	3.477E-07	2.150E-03	2.139E-03
County	Fresno	2012	Annual	T6 instate construction heavy	10 MPH	3.131E-06	1.946E-05	5.104E-06	1.144E-08	1.200E-08	1.303E-07	1.034E-06	1.176E-06	3.000E-09	5.586E-08	9.509E-07	1.010E-06	2.153E-03	2.142E-03
County	Fresno	2012	Annual	T6 instate construction small	10 MPH	2.361E-06	1.553E-05	4.016E-06	1.143E-08	1.200E-08	1.303E-07	6.670E-07	8.093E-07	3.000E-09	5.586E-08	6.136E-07	6.725E-07	2.150E-03	2.139E-03
County	Fresno	2012	Annual	T6 instate heavy	10 MPH	3.065E-06	1.900E-05	5.001E-06	1.144E-08	1.200E-08	1.303E-07	1.008E-06	1.151E-06	3.000E-09	5.586E-08	9.275E-07	9.864E-07	2.152E-03	2.141E-03
County	Fresno	2012	Annual	T6 instate small	10 MPH	2.287E-06	1.499E-05	3.895E-06	1.142E-08	1.200E-08	1.303E-07	6.415E-07	7.838E-07	3.000E-09	5.586E-08	5.901E-07	6.490E-07	2.148E-03	2.138E-03
County	Fresno	2012	Annual	T6 OOS heavy	10 MPH	1.805E-06	1.347E-05	3.107E-06	1.144E-08	1.200E-08	1.303E-07	4.697E-07	6.120E-07	3.000E-09	5.586E-08	4.321E-07	4.909E-07	2.152E-03	2.141E-03
County	Fresno	2012	Annual	T6 OOS small	10 MPH	1.491E-06	1.101E-05	2.663E-06	1.143E-08	1.200E-08	1.303E-07	3.140E-07	4.563E-07	3.000E-09	5.586E-08	2.889E-07	3.477E-07	2.150E-03	2.139E-03
County	Fresno	2012	Annual	T6 Public	10 MPH	2.063E-06	1.788E-05	3.184E-06	1.152E-08	1.200E-08	1.303E-07	8.248E-07	9.672E-07	3.000E-09	5.586E-08	7.588E-07	8.177E-07	2.168E-03	2.157E-03
County	Fresno	2012	Annual	T6 utility	10 MPH	1.093E-06	1.380E-05	1.903E-06	1.143E-08	1.200E-08	1.303E-07	3.726E-07	5.150E-07	3.000E-09	5.586E-08	3.428E-07	4.017E-07	2.150E-03	2.139E-03
County	Fresno	2012	Annual	T6TS	10 MPH	2.406E-06	1.559E-06	3.545E-05	7.047E-09	8.000E-09	3.675E-08	1.414E-08	5.889E-08	2.000E-09	1.575E-08	1.231E-08	3.006E-08	2.036E-03	2.026E-03
County	Fresno	2012	Annual	T7 Ag	10 MPH	5.742E-06	3.215E-05	1.198E-05	1.675E-08	3.600E-08	6.174E-08	1.731E-06	1.829E-06	9.000E-09	2.646E-08	1.593E-06	1.628E-06	3.350E-03	3.333E-03
County	Fresno	2012	Annual	T7 CAIRP	10 MPH	4.082E-06	2.354E-05	8.398E-06	1.661E-08	3.600E-08	6.174E-08	6.147E-07	7.124E-07	9.000E-09	2.646E-08	5.655E-07	6.009E-07	3.321E-03	3.305E-03
County	Fresno	2012	Annual	T7 CAIRP construction	10 MPH	4.133E-06	2.389E-05	8.501E-06	1.661E-08	3.600E-08	6.174E-08	6.247E-07	7.224E-07	9.000E-09	2.646E-08	5.747E-07	6.101E-07	3.322E-03	3.305E-03
County	Fresno	2012	Annual	T7 NNOOS	10 MPH	2.706E-06	1.444E-05	5.613E-06	1.653E-08	3.600E-08	6.174E-08	3.129E-07	4.106E-07	9.000E-09	2.646E-08	2.879E-07	3.233E-07	3.306E-03	3.290E-03
County	Fresno	2012	Annual	T7 NOOS	10 MPH	4.017E-06	2.354E-05	8.272E-06	1.661E-08	3.600E-08	6.174E-08	5.963E-07	6.940E-07	9.000E-09	2.646E-08	5.486E-07	5.840E-07	3.322E-03	3.305E-03
County	Fresno	2012	Annual	T7 other port	10 MPH	1.969E-06	3.536E-05	3.975E-06	1.677E-08	3.600E-08	6.174E-08	3.636E-07	4.613E-07	9.000E-09	2.646E-08	3.345E-07	3.700E-07	3.354E-03	3.338E-03
County	Fresno	2012	Annual	T7 POAK	10 MPH	1.882E-06	3.680E-05	3.761E-06	1.679E-08	3.600E-08	6.174E-08	3.702E-07	4.680E-07	9.000E-09	2.646E-08	3.406E-07	3.761E-07	3.357E-03	3.341E-03
County	Fresno	2012	Annual	T7 POLA	10 MPH	2.564E-06	2.012E-05	5.435E-06	1.684E-08	3.600E-08	6.174E-08	1.574E-07	2.551E-07	9.000E-09	2.646E-08	1.448E-07	1.803E-07	3.367E-03	3.350E-03
County	Fresno	2012	Annual	T7 Public	10 MPH	3.813E-06	3.195E-05	8.275E-06	1.690E-08	3.600E-08	6.174E-08	1.646E-06	1.744E-06	9.000E-09	2.646E-08	1.515E-06	1.550E-06	3.379E-03	3.362E-03
County	Fresno	2012	Annual	T7 Single	10 MPH	3.543E-06	2.508E-05	7.084E-06	1.654E-08	3.600E-08	6.174E-08	9.772E-07	1.075E-06	9.000E-09	2.646E-08	8.991E-07	9.345E-07	3.308E-03	3.291E-03
County	Fresno	2012	Annual	T7 single construction	10 MPH	3.598E-06	2.559E-05	7.192E-06	1.654E-08	3.600E-08	6.174E-08	9.981E-07	1.096E-06	9.000E-09	2.646E-08	9.182E-07	9.537E-07	3.309E-03	3.292E-03
County	Fresno	2012	Annual	T7 SWCV	10 MPH	7.827E-07	2.806E-05	1.641E-06	1.692E-08	3.600E-08	6.174E-08	2.031E-07	3.009E-07	9.000E-09	2.646E-08	1.869E-07	2.223E-07	3.383E-03	3.366E-03
County	Fresno	2012	Annual	T7 tractor	10 MPH	5.461E-06	2.820E-05	1.111E-05	1.661E-08	3.600E-08	6.174E-08	1.280E-06	1.378E-06	9.000E-09	2.646E-08	1.178E-06	1.213E-06	3.322E-03	3.306E-03
County	Fresno	2012	Annual	T7 tractor construction	10 MPH	5.767E-06	2.891E-05	1.171E-05	1.661E-08	3.600E-08	6.174E-08	1.394E-06	1.492E-06	9.000E-09	2.646E-08	1.283E-06	1.318E-06	3.322E-03	3.305E-03
County	Fresno	2012	Annual	T7 utility	10 MPH	2.029E-06	2.510E-05	4.130E-06	1.659E-08	3.600E-08	6.174E-08	6.846E-07	7.823E-07	9.000E-09	2.646E-08	6.298E-07	6.653E-07	3.317E-03	3.301E-03
County	Fresno	2012	Annual	T7IS	10 MPH	5.687E-06	4.665E-06	1.359E-04	6.443E-09	8.000E-09	3.675E-08	6.076E-09	5.083E-08	2.000E-09	1.575E-08	5.051E-09	2.280E-08	2.036E-03	2.026E-03
County	Fresno	2012	Annual	UBUS	10 MPH	1.924E-06	1.890E-05	1.560E-05	1.963E-08	8.000E-09	6.095E-07	4.777E-07	1.095E-06	2.000E-09	2.612E-07	4.394E-07	7.026E-07	2.413E-03	2.401E-03

County	Fresno	2012	Annual	All Other Buses	15 MPH	1.551E-06	1.334E-05	3.306E-06	1.151E-08	1.200E-08	1.303E-07	6.163E-07	7.586E-07	3.000E-09	5.586E-08	5.670E-07	6.258E-07	1.778E-03	1.769E-03
County	Fresno	2012	Annual	LDA	15 MPH	1.550E-07	2.293E-07	3.195E-06	3.358E-09	8.000E-09	3.675E-08	6.811E-09	5.156E-08	2.000E-09	1.575E-08	6.200E-09	2.395E-08	6.483E-04	6.081E-04
County	Fresno	2012	Annual	LDT1	15 MPH	3.886E-07	5.821E-07	7.608E-06	3.900E-09	8.000E-09	3.675E-08	1.464E-08	5.939E-08	2.000E-09	1.575E-08	1.330E-08	3.105E-08	7.451E-04	7.034E-04
County	Fresno	2012	Annual	LDT2	15 MPH	2.220E-07	4.671E-07	4.617E-06	4.591E-09	8.000E-09	3.675E-08	7.464E-09	5.221E-08	2.000E-09	1.575E-08	6.778E-09	2.453E-08	8.863E-04	8.472E-04
County	Fresno	2012	Annual	LHD1	15 MPH	4.508E-07	2.410E-06	4.599E-06	7.950E-09	9.517E-09	5.180E-08	3.655E-08	9.787E-08	2.379E-09	2.220E-08	3.363E-08	5.821E-08	1.062E-03	1.057E-03
County	Fresno	2012	Annual	LHD2	15 MPH	3.993E-07	3.476E-06	3.817E-06	6.805E-09	1.047E-08	6.912E-08	5.389E-08	1.335E-07	2.617E-09	2.962E-08	4.952E-08	8.175E-08	8.523E-04	8.480E-04
County	Fresno	2012	Annual	MCY	15 MPH	3.466E-06	1.134E-06	2.493E-05	2.216E-09	8.000E-09	3.675E-08	1.262E-09	4.601E-08	2.000E-09	1.575E-08	9.998E-10	1.875E-08	1.940E-04	1.930E-04
County	Fresno	2012	Annual	MDV	15 MPH	2.585E-07	6.469E-07	5.418E-06	5.783E-09	8.000E-09	3.675E-08	7.247E-09	5.200E-08	2.000E-09	1.575E-08	6.650E-09	2.440E-08	1.117E-03	1.085E-03
County	Fresno	2012	Annual	MH	15 MPH	1.016E-06	3.171E-06	2.070E-05	7.866E-09	8.711E-09	5.339E-08	8.346E-08	1.456E-07	2.178E-09	2.288E-08	7.646E-08	1.015E-07	1.463E-03	1.455E-03
County	Fresno	2012	Annual	Motor Coach	15 MPH	1.951E-06	1.855E-05	5.079E-06	1.659E-08	1.200E-08	1.303E-07	5.786E-07	7.210E-07	3.000E-09	5.586E-08	5.324E-07	5.912E-07	2.724E-03	2.710E-03
County	Fresno	2012	Annual	OBUS	15 MPH	8.977E-07	1.580E-06	1.261E-05	6.948E-09	8.000E-09	3.675E-08	3.799E-09	4.855E-08	2.000E-09	1.575E-08	3.470E-09	2.122E-08	1.392E-03	1.385E-03
County	Fresno	2012	Annual	PTO	15 MPH	8.225E-07	1.405E-05	3.895E-06	2.044E-08	0.000E+00	0.000E+00	4.828E-07	4.828E-07	0.000E+00	0.000E+00	4.442E-07	4.442E-07	2.148E-03	2.138E-03
County	Fresno	2012	Annual	SBUS	15 MPH	2.902E-06	1.137E-05	3.008E-05	1.127E-08	1.065E-08	5.063E-07	4.930E-07	1.010E-06	2.663E-09	2.170E-07	4.527E-07	6.723E-07	1.679E-03	1.670E-03
County	Fresno	2012	Annual	T6 Ag	15 MPH	1.984E-06	1.341E-05	4.160E-06	1.156E-08	1.200E-08	1.303E-07	8.195E-07	9.619E-07	3.000E-09	5.586E-08	7.540E-07	8.128E-07	1.785E-03	1.776E-03
County	Fresno	2012	Annual	T6 CAIRP heavy	15 MPH	9.268E-07	9.585E-06	2.066E-06	1.144E-08	1.200E-08	1.303E-07	3.256E-07	4.680E-07	3.000E-09	5.586E-08	2.996E-07	3.584E-07	1.767E-03	1.758E-03
County	Fresno	2012	Annual	T6 CAIRP small	15 MPH	7.595E-07	8.030E-06	1.686E-06	1.143E-08	1.200E-08	1.303E-07	2.295E-07	3.718E-07	3.000E-09	5.586E-08	2.111E-07	2.700E-07	1.765E-03	1.756E-03
County	Fresno	2012	Annual	T6 instate construction heavy	15 MPH	1.624E-06	1.348E-05	3.649E-06	1.144E-08	1.200E-08	1.303E-07	6.826E-07	8.250E-07	3.000E-09	5.586E-08	6.280E-07	6.869E-07	1.768E-03	1.759E-03
County	Fresno	2012	Annual	T6 instate construction small	15 MPH	1.208E-06	1.103E-05	2.716E-06	1.143E-08	1.200E-08	1.303E-07	4.557E-07	5.980E-07	3.000E-09	5.586E-08	4.192E-07	4.781E-07	1.765E-03	1.756E-03
County	Fresno	2012	Annual	T6 instate heavy	15 MPH	1.590E-06	1.317E-05	3.572E-06	1.144E-08	1.200E-08	1.303E-07	6.660E-07	8.083E-07	3.000E-09	5.586E-08	6.127E-07	6.716E-07	1.767E-03	1.758E-03
County	Fresno	2012	Annual	T6 instate small	15 MPH	1.170E-06	1.065E-05	2.630E-06	1.142E-08	1.200E-08	1.303E-07	4.385E-07	5.808E-07	3.000E-09	5.586E-08	4.034E-07	4.623E-07	1.764E-03	1.755E-03
County	Fresno	2012	Annual	T6 OOS heavy	15 MPH	9.268E-07	9.585E-06	2.066E-06	1.144E-08	1.200E-08	1.303E-07	3.256E-07	4.680E-07	3.000E-09	5.586E-08	2.996E-07	3.584E-07	1.767E-03	1.758E-03
County	Fresno	2012	Annual	T6 OOS small	15 MPH	7.595E-07	8.030E-06	1.686E-06	1.143E-08	1.200E-08	1.303E-07	2.295E-07	3.718E-07	3.000E-09	5.586E-08	2.111E-07	2.700E-07	1.765E-03	1.756E-03
County	Fresno	2012	Annual	T6 Public	15 MPH	1.113E-06	1.262E-05	2.366E-06	1.152E-08	1.200E-08	1.303E-07	5.636E-07	7.059E-07	3.000E-09	5.586E-08	5.185E-07	5.773E-07	1.780E-03	1.771E-03
County	Fresno	2012	Annual	T6 utility	15 MPH	5.563E-07	9.709E-06	1.262E-06	1.143E-08	1.200E-08	1.303E-07	2.545E-07	3.968E-07	3.000E-09	5.586E-08	2.341E-07	2.930E-07	1.765E-03	1.757E-03
County	Fresno	2012	Annual	T6TS	15 MPH	1.612E-06	1.625E-06	2.423E-05	7.047E-09	8.000E-09	3.675E-08	9.458E-09	5.421E-08	2.000E-09	1.575E-08	8.236E-09	2.599E-08	1.392E-03	1.385E-03
County	Fresno	2012	Annual	T7 Ag	15 MPH	3.059E-06	2.275E-05	8.933E-06	1.675E-08	3.600E-08	6.174E-08	1.207E-06	1.305E-06	9.000E-09	2.646E-08	1.110E-06	1.146E-06	2.751E-03	2.737E-03
County	Fresno	2012	Annual	T7 CAIRP	15 MPH	2.076E-06	1.729E-05	5.183E-06	1.661E-08	3.600E-08	6.174E-08	4.781E-07	5.759E-07	9.000E-09	2.646E-08	4.399E-07	4.753E-07	2.727E-03	2.713E-03
County	Fresno	2012	Annual	T7 CAIRP construction	15 MPH	2.102E-06	1.755E-05	5.249E-06	1.661E-08	3.600E-08	6.174E-08	4.858E-07	5.836E-07	9.000E-09	2.646E-08	4.469E-07	4.824E-07	2.728E-03	2.714E-03
County	Fresno	2012	Annual	T7 NNOOS	15 MPH	1.375E-06	1.069E-05	3.378E-06	1.653E-08	3.600E-08	6.174E-08	2.528E-07	3.505E-07	9.000E-09	2.646E-08	2.325E-07	2.680E-07	2.715E-03	2.701E-03
County	Fresno	2012	Annual	T7 NOOS	15 MPH	2.043E-06	1.729E-05	5.090E-06	1.661E-08	3.600E-08	6.174E-08	4.667E-07	5.645E-07	9.000E-09	2.646E-08	4.294E-07	4.649E-07	2.727E-03	2.714E-03
County	Fresno	2012	Annual	T7 other port	15 MPH	9.998E-07	2.492E-05	2.502E-06	1.677E-08	3.600E-08	6.174E-08	2.780E-07	3.758E-07	9.000E-09	2.646E-08	2.558E-07	2.912E-07	2.754E-03	2.741E-03
County	Fresno	2012	Annual	T7 POAK	15 MPH	9.557E-07	2.569E-05	2.417E-06	1.679E-08	3.600E-08	6.174E-08	2.735E-07	3.713E-07	9.000E-09	2.646E-08	2.516E-07	2.871E-07	2.757E-03	2.743E-03
County	Fresno	2012	Annual	T7 POLA	15 MPH	1.303E-06	1.496E-05	3.173E-06	1.684E-08	3.600E-08	6.174E-08	1.382E-07	2.360E-07	9.000E-09	2.646E-08	1.272E-07	1.626E-07	2.765E-03	2.751E-03
County	Fresno	2012	Annual	T7 Public	15 MPH	2.099E-06	2.276E-05	6.524E-06	1.690E-08	3.600E-08	6.174E-08	1.155E-06	1.252E-06	9.000E-09	2.646E-08	1.062E-06	1.098E-06	2.775E-03	2.761E-03
County	Fresno	2012	Annual	T7 Single	15 MPH	1.806E-06	1.741E-05	4.908E-06	1.654E-08	3.600E-08	6.174E-08	6.455E-07	7.432E-07	9.000E-09	2.646E-08	5.938E-07	6.293E-07	2.716E-03	2.702E-03
County	Fresno	2012	Annual	T7 single construction	15 MPH	1.835E-06	1.776E-05	4.989E-06	1.654E-08	3.600E-08	6.174E-08	6.590E-07	7.568E-07	9.000E-09	2.646E-08	6.063E-07	6.418E-07	2.717E-03	2.703E-03
County	Fresno	2012	Annual	T7 SWCV	15 MPH	4.093E-07	1.977E-05	1.136E-06	1.692E-08	3.600E-08	6.174E-08	1.409E-07	2.386E-07	9.000E-09	2.646E-08	1.296E-07	1.651E-07	2.778E-03	2.764E-03
County	Fresno	2012	Annual	T7 tractor	15 MPH	2.820E-06	2.009E-05	7.669E-06	1.661E-08	3.600E-08	6.174E-08	8.920E-07	9.898E-07	9.000E-09	2.646E-08	8.207E-07	8.561E-07	2.728E-03	2.714E-03
County	Fresno	2012	Annual	T7 tractor construction	15 MPH	2.979E-06	2.051E-05	8.161E-06	1.661E-08	3.600E-08	6.174E-08	9.610E-07	1.059E-06	9.000E-09	2.646E-08	8.841E-07	9.196E-07	2.728E-03	2.714E-03
County	Fresno	2012	Annual	T7 utility	15 MPH	1.037E-06	1.753E-05	2.817E-06	1.659E-08	3.600E-08	6.174E-08	4.615E-07	5.592E-07	9.000E-09	2.646E-08	4.246E-07	4.600E-07	2.724E-03	2.710E-03
County	Fresno	2012	Annual	T7IS	15 MPH	3.799E-06	4.888E-06	9.301E-05	6.443E-09	8.000E-09	3.675E-08	4.064E-09	4.881E-08	2.000E-09	1.575E-08	3.379E-09	2.113E-08	1.392E-03	1.385E-03
County	Fresno	2012	Annual	UBUS	15 MPH	1.358E-06	1.503E-05	1.046E-05	1.963E-08	8.000E-09	6.095E-07	3.526E-07	9.700E-07	2.000E-09	2.612E-07	3.243E-07	5.875E-07	2.227E-03	2.216E-03

County	Fresno	2012	Annual	All Other Buses	20 MPH	6.380E-07	1.012E-05	2.280E-06	1.151E-08	1.200E-08	1.303E-07	4.134E-07	5.557E-07	3.000E-09	5.586E-08	3.803E-07	4.392E-07	1.402E-03	1.395E-03
County	Fresno	2012	Annual	LDA	20 MPH	1.132E-07	2.102E-07	2.734E-06	3.358E-09	8.000E-09	3.675E-08	4.901E-09	4.965E-08	2.000E-09	1.575E-08	4.456E-09	2.221E-08	5.116E-04	4.799E-04
County	Fresno	2012	Annual	LDT1	20 MPH	2.876E-07	5.260E-07	6.421E-06	3.900E-09	8.000E-09	3.675E-08	1.070E-08	5.545E-08	2.000E-09	1.575E-08	9.709E-09	2.746E-08	5.886E-04	5.557E-04
County	Fresno	2012	Annual	LDT2	20 MPH	1.622E-07	4.223E-07	3.957E-06	4.591E-09	8.000E-09	3.675E-08	5.378E-09	5.013E-08	2.000E-09	1.575E-08	4.877E-09	2.263E-08	6.997E-04	6.688E-04
County	Fresno	2012	Annual	LHD1	20 MPH	3.297E-07	2.169E-06	3.330E-06	7.950E-09	9.517E-09	5.180E-08	2.921E-08	9.053E-08	2.379E-09	2.220E-08	2.687E-08	5.146E-08	8.232E-04	8.190E-04
County	Fresno	2012	Annual	LHD2	20 MPH	3.036E-07	3.075E-06	2.776E-06	6.805E-09	1.047E-08	6.912E-08	4.344E-08	1.230E-07	2.617E-09	2.962E-08	3.992E-08	7.216E-08	7.066E-04	7.031E-04
County	Fresno	2012	Annual	MCY	20 MPH	2.906E-06	1.155E-06	2.231E-05	2.216E-09	8.000E-09	3.675E-08	1.059E-09	4.581E-08	2.000E-09	1.575E-08	8.384E-10	1.859E-08	1.694E-04	1.686E-04
County	Fresno	2012	Annual	MDV	20 MPH	1.849E-07	5.812E-07	4.667E-06	5.783E-09	8.000E-09	3.675E-08	5.202E-09	4.995E-08	2.000E-09	1.575E-08	4.769E-09	2.252E-08	8.820E-04	8.568E-04
County	Fresno	2012	Annual	MH	20 MPH	6.759E-07	2.717E-06	1.496E-05	7.866E-09	8.711E-09	5.339E-08	5.684E-08	1.189E-07	2.178E-09	2.288E-08	5.207E-08	7.713E-08	1.089E-03	1.083E-03
County	Fresno	2012	Annual	Motor Coach	20 MPH	8.044E-07	1.397E-05	3.219E-06	1.659E-08	1.200E-08	1.303E-07	4.058E-07	5.481E-07	3.000E-09	5.586E-08	3.733E-07	4.322E-07	2.149E-03	2.138E-03
County	Fresno	2012	Annual	OBUS	20 MPH	6.250E-07	1.655E-06	9.114E-06	6.948E-09	8.000E-09	3.675E-08	2.649E-09	4.740E-08	2.000E-09	1.575E-08	2.420E-09	2.017E-08	1.006E-03	1.001E-03
County	Fresno	2012	Annual	PTO	20 MPH	7.273E-07	1.306E-05	3.233E-06	2.044E-08	0.000E+00	0.000E+00	3.940E-07	3.940E-07	0.000E+00	0.000E+00	3.625E-07	3.625E-07	2.143E-03	2.132E-03
County	Fresno	2012	Annual	SBUS	20 MPH	1.710E-06	8.864E-06	2.175E-05	1.127E-08	1.065E-08	5.063E-07	3.137E-07	8.306E-07	2.663E-09	2.170E-07	2.879E-07	5.076E-07	1.300E-03	1.294E-03
County	Fresno	2012	Annual	T6 Ag	20 MPH	8.151E-07	1.027E-05	3.036E-06	1.156E-08	1.200E-08	1.303E-07	5.432E-07	6.856E-07	3.000E-09	5.586E-08	4.998E-07	5.586E-07	1.408E-03	1.401E-03
County	Fresno	2012	Annual	T6 CAIRP heavy	20 MPH	3.803E-07	7.213E-06	1.314E-06	1.144E-08	1.200E-08	1.303E-07	2.148E-07	3.571E-07	3.000E-09	5.586E-08	1.976E-07	2.564E-07	1.394E-03	1.387E-03
County	Fresno	2012	Annual	T6 CAIRP small	20 MPH	3.159E-07	6.052E-06	1.015E-06	1.143E-08	1.200E-08	1.303E-07	1.631E-07	3.054E-07	3.000E-09	5.586E-08	1.500E-07	2.089E-07	1.393E-03	1.386E-03
County	Fresno	2012	Annual	T6 instate construction heavy	20 MPH	6.536E-07	1.014E-05	2.494E-06	1.144E-08	1.200E-08	1.303E-07	4.165E-07	5.588E-07	3.000E-09	5.586E-08	3.832E-07	4.420E-07	1.394E-03	1.388E-03
County	Fresno	2012	Annual	T6 instate construction small	20 MPH	4.914E-07	8.297E-06	1.751E-06	1.143E-08	1.200E-08	1.303E-07	2.939E-07	4.362E-07	3.000E-09	5.586E-08	2.704E-07	3.292E-07	1.392E-03	1.385E-03
County	Fresno	2012	Annual	T6 instate heavy	20 MPH	6.399E-07	9.910E-06	2.438E-06	1.144E-08	1.200E-08	1.303E-07	4.065E-07	5.488E-07	3.000E-09	5.586E-08	3.740E-07	4.328E-07	1.394E-03	1.387E-03
County	Fresno	2012	Annual	T6 instate small	20 MPH	4.763E-07	8.011E-06	1.694E-06	1.142E-08	1.200E-08	1.303E-07	2.831E-07	4.254E-07	3.000E-09	5.586E-08	2.604E-07	3.193E-07	1.392E-03	1.385E-03
County	Fresno	2012	Annual	T6 OOS heavy	20 MPH	3.803E-07	7.213E-06	1.314E-06	1.144E-08	1.200E-08	1.303E-07	2.148E-07	3.571E-07	3.000E-09	5.586E-08	1.976E-07	2.564E-07	1.394E-03	1.387E-03
County	Fresno	2012	Annual	T6 OOS small	20 MPH	3.159E-07	6.052E-06	1.015E-06	1.143E-08	1.200E-08	1.303E-07	1.631E-07	3.054E-07	3.000E-09	5.586E-08	1.500E-07	2.089E-07	1.393E-03	1.386E-03
County	Fresno	2012	Annual	T6 Public	20 MPH	4.554E-07	9.629E-06	1.712E-06	1.152E-08	1.200E-08	1.303E-07	3.632E-07	5.055E-07	3.000E-09	5.586E-08	3.341E-07	3.930E-07	1.404E-03	1.397E-03
County	Fresno	2012	Annual	T6 utility	20 MPH	2.272E-07	7.289E-06	7.949E-07	1.143E-08	1.200E-08	1.303E-07	1.640E-07	3.064E-07	3.000E-09	5.586E-08	1.509E-07	2.098E-07	1.393E-03	1.386E-03
County	Fresno	2012	Annual	T6TS	20 MPH	1.123E-06	1.701E-06	1.751E-05	7.047E-09	8.000E-09	3.675E-08	6.595E-09	5.134E-08	2.000E-09	1.575E-08	5.743E-09	2.349E-08	1.006E-03	1.001E-03
County	Fresno	2012	Annual	T7 Ag	20 MPH	1.249E-06	1.733E-05	6.511E-06	1.675E-08	3.600E-08	6.174E-08	8.019E-07	8.997E-07	9.000E-09	2.646E-08	7.378E-07	7.732E-07	2.170E-03	2.159E-03
County	Fresno	2012	Annual	T7 CAIRP	20 MPH	8.718E-07	1.304E-05	3.032E-06	1.661E-08	3.600E-08	6.174E-08	3.670E-07	4.647E-07	9.000E-09	2.646E-08	3.376E-07	3.731E-07	2.151E-03	2.141E-03
County	Fresno	2012	Annual	T7 CAIRP construction	20 MPH	8.826E-07	1.323E-05	3.071E-06	1.661E-08	3.600E-08	6.174E-08	3.728E-07	4.705E-07	9.000E-09	2.646E-08	3.430E-07	3.784E-07	2.152E-03	2.141E-03
County	Fresno	2012	Annual	T7 NNOOS	20 MPH	5.826E-07	8.068E-06	1.918E-06	1.653E-08	3.600E-08	6.174E-08	2.023E-07	3.000E-07	9.000E-09	2.646E-08	1.861E-07	2.216E-07	2.142E-03	2.131E-03
County	Fresno	2012	Annual	T7 NOOS	20 MPH	8.590E-07	1.304E-05	2.967E-06	1.661E-08	3.600E-08	6.174E-08	3.608E-07	4.586E-07	9.000E-09	2.646E-08	3.320E-07	3.674E-07	2.152E-03	2.141E-03
County	Fresno	2012	Annual	T7 other port	20 MPH	4.160E-07	1.869E-05	1.493E-06	1.677E-08	3.600E-08	6.174E-08	2.091E-07	3.069E-07	9.000E-09	2.646E-08	1.924E-07	2.279E-07	2.173E-03	2.162E-03
County	Fresno	2012	Annual	T7 POAK	20 MPH	3.944E-07	1.925E-05	1.473E-06	1.679E-08	3.600E-08	6.174E-08	1.972E-07	2.949E-07	9.000E-09	2.646E-08	1.814E-07	2.168E-07	2.175E-03	2.164E-03
County	Fresno	2012	Annual	T7 POLA	20 MPH	5.586E-07	1.130E-05	1.734E-06	1.684E-08	3.600E-08	6.174E-08	1.201E-07	2.178E-07	9.000E-09	2.646E-08	1.104E-07	1.459E-07	2.181E-03	2.170E-03
County	Fresno	2012	Annual	T7 Public	20 MPH	8.621E-07	1.757E-05	5.060E-06	1.690E-08	3.600E-08	6.174E-08	7.735E-07	8.712E-07	9.000E-09	2.646E-08	7.116E-07	7.471E-07	2.189E-03	2.178E-03
County	Fresno	2012	Annual	T7 Single	20 MPH	7.273E-07	1.306E-05	3.233E-06	1.654E-08	3.600E-08	6.174E-08	3.940E-07	4.918E-07	9.000E-09	2.646E-08	3.625E-07	3.980E-07	2.143E-03	2.132E-03
County	Fresno	2012	Annual	T7 single construction	20 MPH	7.385E-07	1.332E-05	3.289E-06	1.654E-08	3.600E-08	6.174E-08	4.021E-07	4.998E-07	9.000E-09	2.646E-08	3.699E-07	4.054E-07	2.143E-03	2.132E-03
County	Fresno	2012	Annual	T7 SWCV	20 MPH	1.692E-07	1.502E-05	7.671E-07	1.692E-08	3.600E-08	6.174E-08	9.292E-08	1.907E-07	9.000E-09	2.646E-08	8.549E-08	1.209E-07	2.191E-03	2.180E-03
County	Fresno	2012	Annual	T7 tractor	20 MPH	1.152E-06	1.517E-05	5.102E-06	1.661E-08	3.600E-08	6.174E-08	5.925E-07	6.902E-07	9.000E-09	2.646E-08	5.451E-07	5.805E-07	2.152E-03	2.141E-03
County	Fresno	2012	Annual	T7 tractor construction	20 MPH	1.213E-06	1.548E-05	5.477E-06	1.661E-08	3.600E-08	6.174E-08	6.280E-07	7.257E-07	9.000E-09	2.646E-08	5.777E-07	6.132E-07	2.152E-03	2.141E-03
County	Fresno	2012	Annual	T7 utility	20 MPH	4.218E-07	1.318E-05	1.835E-06	1.659E-08	3.600E-08	6.174E-08	2.913E-07	3.891E-07	9.000E-09	2.646E-08	2.680E-07	3.035E-07	2.149E-03	2.138E-03
County	Fresno	2012	Annual	T7IS	20 MPH	2.649E-06	5.151E-06	6.724E-05	6.443E-09	8.000E-09	3.675E-08	2.834E-09	4.758E-08	2.000E-09	1.575E-08	2.356E-09	2.011E-08	1.006E-03	1.001E-03
County	Fresno	2012	Annual	UBUS	20 MPH	9.974E-07	1.258E-05	7.423E-06	1.963E-08	8.000E-09	6.095E-07	2.695E-07	8.870E-07	2.000E-09	2.612E-07	2.479E-07	5.111E-07	2.115E-03	2.105E-03

County	Fresno	2012	Annual	All Other Buses	25 MPH	5.322E-07	9.503E-06	1.971E-06	1.151E-08	1.200E-08	1.303E-07	3.576E-07	5.000E-07	3.000E-09	5.586E-08	3.290E-07	3.879E-07	1.309E-03	1.302E-03
County	Fresno	2012	Annual	LDA	25 MPH	8.771E-08	1.950E-07	2.447E-06	3.358E-09	8.000E-09	3.675E-08	3.710E-09	4.846E-08	2.000E-09	1.575E-08	3.369E-09	2.112E-08	4.246E-04	3.983E-04
County	Fresno	2012	Annual	LDT1	25 MPH	2.250E-07	4.828E-07	5.666E-06	3.900E-09	8.000E-09	3.675E-08	8.193E-09	5.294E-08	2.000E-09	1.575E-08	7.431E-09	2.518E-08	4.884E-04	4.611E-04
County	Fresno	2012	Annual	LDT2	25 MPH	1.257E-07	3.870E-07	3.540E-06	4.591E-09	8.000E-09	3.675E-08	4.074E-09	4.882E-08	2.000E-09	1.575E-08	3.690E-09	2.144E-08	5.806E-04	5.550E-04
County	Fresno	2012	Annual	LHD1	25 MPH	2.498E-07	2.026E-06	2.538E-06	7.950E-09	9.517E-09	5.180E-08	2.395E-08	8.527E-08	2.379E-09	2.220E-08	2.203E-08	4.661E-08	6.757E-04	6.723E-04
County	Fresno	2012	Annual	LHD2	25 MPH	2.389E-07	2.827E-06	2.130E-06	6.805E-09	1.047E-08	6.912E-08	3.585E-08	1.154E-07	2.617E-09	2.962E-08	3.295E-08	6.519E-08	6.169E-04	6.138E-04
County	Fresno	2012	Annual	MCY	25 MPH	2.534E-06	1.170E-06	2.081E-05	2.216E-09	8.000E-09	3.675E-08	9.318E-10	4.568E-08	2.000E-09	1.575E-08	7.367E-10	1.849E-08	1.516E-04	1.508E-04
County	Fresno	2012	Annual	MDV	25 MPH	1.417E-07	5.297E-07	4.193E-06	5.783E-09	8.000E-09	3.675E-08	3.927E-09	4.868E-08	2.000E-09	1.575E-08	3.598E-09	2.135E-08	7.318E-04	7.109E-04
County	Fresno	2012	Annual	MH	25 MPH	4.908E-07	2.624E-06	1.144E-05	7.866E-09	8.711E-09	5.339E-08	4.548E-08	1.076E-07	2.178E-09	2.288E-08	4.168E-08	6.674E-08	8.670E-04	8.626E-04
County	Fresno	2012	Annual	Motor Coach	25 MPH	6.713E-07	1.303E-05	2.828E-06	1.659E-08	1.200E-08	1.303E-07	3.575E-07	4.998E-07	3.000E-09	5.586E-08	3.289E-07	3.878E-07	2.005E-03	1.995E-03
County	Fresno	2012	Annual	OBUS	25 MPH	4.545E-07	1.728E-06	6.961E-06	6.948E-09	8.000E-09	3.675E-08	1.926E-09	4.668E-08	2.000E-09	1.575E-08	1.759E-09	1.951E-08	7.680E-04	7.642E-04
County	Fresno	2012	Annual	PTO	25 MPH	8.225E-07	1.405E-05	3.895E-06	2.044E-08	0.000E+00	0.000E+00	4.828E-07	4.828E-07	0.000E+00	0.000E+00	4.442E-07	4.442E-07	2.148E-03	2.138E-03
County	Fresno	2012	Annual	SBUS	25 MPH	1.287E-06	8.532E-06	1.676E-05	1.127E-08	1.065E-08	5.063E-07	2.643E-07	7.812E-07	2.663E-09	2.170E-07	2.427E-07	4.623E-07	1.168E-03	1.162E-03
County	Fresno	2012	Annual	T6 Ag	25 MPH	6.798E-07	9.697E-06	2.597E-06	1.156E-08	1.200E-08	1.303E-07	4.675E-07	6.098E-07	3.000E-09	5.586E-08	4.301E-07	4.889E-07	1.314E-03	1.307E-03
County	Fresno	2012	Annual	T6 CAIRP heavy	25 MPH	3.156E-07	6.747E-06	1.148E-06	1.144E-08	1.200E-08	1.303E-07	1.847E-07	3.270E-07	3.000E-09	5.586E-08	1.699E-07	2.288E-07	1.300E-03	1.294E-03
County	Fresno	2012	Annual	T6 CAIRP small	25 MPH	2.661E-07	5.553E-06	9.061E-07	1.143E-08	1.200E-08	1.303E-07	1.444E-07	2.868E-07	3.000E-09	5.586E-08	1.329E-07	1.917E-07	1.299E-03	1.293E-03
County	Fresno	2012	Annual	T6 instate construction heavy	25 MPH	5.300E-07	9.697E-06	2.117E-06	1.144E-08	1.200E-08	1.303E-07	3.461E-07	4.884E-07	3.000E-09	5.586E-08	3.184E-07	3.772E-07	1.301E-03	1.295E-03
County	Fresno	2012	Annual	T6 instate construction small	25 MPH	4.033E-07	7.771E-06	1.514E-06	1.143E-08	1.200E-08	1.303E-07	2.504E-07	3.927E-07	3.000E-09	5.586E-08	2.303E-07	2.892E-07	1.299E-03	1.293E-03
County	Fresno	2012	Annual	T6 instate heavy	25 MPH	5.191E-07	9.472E-06	2.071E-06	1.144E-08	1.200E-08	1.303E-07	3.378E-07	4.802E-07	3.000E-09	5.586E-08	3.108E-07	3.697E-07	1.301E-03	1.294E-03
County	Fresno	2012	Annual	T6 instate small	25 MPH	3.912E-07	7.502E-06	1.465E-06	1.142E-08	1.200E-08	1.303E-07	2.413E-07	3.836E-07	3.000E-09	5.586E-08	2.220E-07	2.808E-07	1.298E-03	1.292E-03
County	Fresno	2012	Annual	T6 OOS heavy	25 MPH	3.156E-07	6.747E-06	1.148E-06	1.144E-08	1.200E-08	1.303E-07	1.847E-07	3.270E-07	3.000E-09	5.586E-08	1.699E-07	2.288E-07	1.300E-03	1.294E-03
County	Fresno	2012	Annual	T6 OOS small	25 MPH	2.661E-07	5.553E-06	9.061E-07	1.143E-08	1.200E-08	1.303E-07	1.444E-07	2.868E-07	3.000E-09	5.586E-08	1.329E-07	1.917E-07	1.299E-03	1.293E-03
County	Fresno	2012	Annual	T6 Public	25 MPH	3.777E-07	9.154E-06	1.461E-06	1.152E-08	1.200E-08	1.303E-07	3.089E-07	4.513E-07	3.000E-09	5.586E-08	2.842E-07	3.431E-07	1.310E-03	1.304E-03
County	Fresno	2012	Annual	T6 utility	25 MPH	1.873E-07	6.871E-06	6.922E-07	1.143E-08	1.200E-08	1.303E-07	1.397E-07	2.821E-07	3.000E-09	5.586E-08	1.285E-07	1.874E-07	1.299E-03	1.293E-03
County	Fresno	2012	Annual	T6TS	25 MPH	8.163E-07	1.777E-06	1.337E-05	7.047E-09	8.000E-09	3.675E-08	4.794E-09	4.954E-08	2.000E-09	1.575E-08	4.175E-09	2.192E-08	7.680E-04	7.642E-04
County	Fresno	2012	Annual	T7 Ag	25 MPH	1.032E-06	1.641E-05	5.568E-06	1.675E-08	3.600E-08	6.174E-08	6.908E-07	7.885E-07	9.000E-09	2.646E-08	6.355E-07	6.710E-07	2.025E-03	2.015E-03
County	Fresno	2012	Annual	T7 CAIRP	25 MPH	7.425E-07	1.190E-05	2.748E-06	1.661E-08	3.600E-08	6.174E-08	3.340E-07	4.317E-07	9.000E-09	2.646E-08	3.073E-07	3.427E-07	2.007E-03	1.997E-03
County	Fresno	2012	Annual	T7 CAIRP construction	25 MPH	7.516E-07	1.208E-05	2.783E-06	1.661E-08	3.600E-08	6.174E-08	3.393E-07	4.370E-07	9.000E-09	2.646E-08	3.121E-07	3.476E-07	2.008E-03	1.998E-03
County	Fresno	2012	Annual	T7 NNOOS	25 MPH	5.011E-07	7.318E-06	1.765E-06	1.653E-08	3.600E-08	6.174E-08	1.866E-07	2.844E-07	9.000E-09	2.646E-08	1.717E-07	2.072E-07	1.998E-03	1.988E-03
County	Fresno	2012	Annual	T7 NOOS	25 MPH	7.326E-07	1.190E-05	2.695E-06	1.661E-08	3.600E-08	6.174E-08	3.292E-07	4.269E-07	9.000E-09	2.646E-08	3.029E-07	3.383E-07	2.008E-03	1.997E-03
County	Fresno	2012	Annual	T7 other port	25 MPH	3.505E-07	1.759E-05	1.336E-06	1.677E-08	3.600E-08	6.174E-08	1.890E-07	2.868E-07	9.000E-09	2.646E-08	1.739E-07	2.094E-07	2.027E-03	2.017E-03
County	Fresno	2012	Annual	T7 POAK	25 MPH	3.292E-07	1.824E-05	1.303E-06	1.679E-08	3.600E-08	6.174E-08	1.755E-07	2.733E-07	9.000E-09	2.646E-08	1.615E-07	1.970E-07	2.029E-03	2.019E-03
County	Fresno	2012	Annual	T7 POLA	25 MPH	4.867E-07	1.021E-05	1.629E-06	1.684E-08	3.600E-08	6.174E-08	1.135E-07	2.113E-07	9.000E-09	2.646E-08	1.045E-07	1.399E-07	2.035E-03	2.025E-03
County	Fresno	2012	Annual	T7 Public	25 MPH	7.192E-07	1.672E-05	4.317E-06	1.690E-08	3.600E-08	6.174E-08	6.682E-07	7.659E-07	9.000E-09	2.646E-08	6.147E-07	6.502E-07	2.042E-03	2.032E-03
County	Fresno	2012	Annual	T7 Single	25 MPH	5.897E-07	1.244E-05	2.761E-06	1.654E-08	3.600E-08	6.174E-08	3.276E-07	4.253E-07	9.000E-09	2.646E-08	3.014E-07	3.368E-07	1.999E-03	1.989E-03
County	Fresno	2012	Annual	T7 single construction	25 MPH	5.985E-07	1.269E-05	2.808E-06	1.654E-08	3.600E-08	6.174E-08	3.342E-07	4.319E-07	9.000E-09	2.646E-08	3.075E-07	3.429E-07	2.000E-03	1.990E-03
County	Fresno	2012	Annual	T7 SWCV	25 MPH	1.418E-07	1.426E-05	6.689E-07	1.692E-08	3.600E-08	6.174E-08	7.983E-08	1.776E-07	9.000E-09	2.646E-08	7.344E-08	1.089E-07	2.045E-03	2.034E-03
County	Fresno	2012	Annual	T7 tractor	25 MPH	9.513E-07	1.421E-05	4.412E-06	1.661E-08	3.600E-08	6.174E-08	5.108E-07	6.085E-07	9.000E-09	2.646E-08	4.699E-07	5.054E-07	2.008E-03	1.998E-03
County	Fresno	2012	Annual	T7 tractor construction	25 MPH	9.970E-07	1.455E-05	4.716E-06	1.661E-08	3.600E-08	6.174E-08	5.377E-07	6.354E-07	9.000E-09	2.646E-08	4.947E-07	5.301E-07	2.008E-03	1.998E-03
County	Fresno	2012	Annual	T7 utility	25 MPH	3.460E-07	1.251E-05	1.583E-06	1.659E-08	3.600E-08	6.174E-08	2.459E-07	3.437E-07	9.000E-09	2.646E-08	2.262E-07	2.617E-07	2.005E-03	1.995E-03
County	Fresno	2012	Annual	T7IS	25 MPH	1.924E-06	5.359E-06	5.132E-05	6.443E-09	8.000E-09	3.675E-08	2.060E-09	4.681E-08	2.000E-09	1.575E-08	1.713E-09	1.946E-08	7.680E-04	7.642E-04
County	Fresno	2012	Annual	UBUS	25 MPH	7.623E-07	1.106E-05	5.580E-06	1.963E-08	8.000E-09	6.095E-07	2.133E-07	8.308E-07	2.000E-09	2.612E-07	1.962E-07	4.594E-07	2.047E-03	2.036E-03

County	Fresno	2012	Annual	All Other Buses	30 MPH	4.443E-07	8.994E-06	1.707E-06	1.151E-08	1.200E-08	1.303E-07	3.160E-07	4.583E-07	3.000E-09	5.586E-08	2.907E-07	3.496E-07	1.228E-03	1.222E-03
County	Fresno	2012	Annual	LDA	30 MPH	7.130E-08	1.838E-07	2.227E-06	3.358E-09	8.000E-09	3.675E-08	2.951E-09	4.770E-08	2.000E-09	1.575E-08	2.677E-09	2.043E-08	3.660E-04	3.434E-04
County	Fresno	2012	Annual	LDT1	30 MPH	1.841E-07	4.526E-07	5.108E-06	3.900E-09	8.000E-09	3.675E-08	6.575E-09	5.133E-08	2.000E-09	1.575E-08	5.958E-09	2.371E-08	4.209E-04	3.974E-04
County	Fresno	2012	Annual	LDT2	30 MPH	1.021E-07	3.610E-07	3.218E-06	4.591E-09	8.000E-09	3.675E-08	3.243E-09	4.799E-08	2.000E-09	1.575E-08	2.934E-09	2.068E-08	5.004E-04	4.783E-04
County	Fresno	2012	Annual	LHD1	30 MPH	1.980E-07	1.941E-06	2.047E-06	7.950E-09	9.517E-09	5.180E-08	2.013E-08	8.145E-08	2.379E-09	2.220E-08	1.852E-08	4.310E-08	5.837E-04	5.808E-04
County	Fresno	2012	Annual	LHD2	30 MPH	1.945E-07	2.675E-06	1.717E-06	6.805E-09	1.047E-08	6.912E-08	3.029E-08	1.099E-07	2.617E-09	2.962E-08	2.784E-08	6.008E-08	5.609E-04	5.581E-04
County	Fresno	2012	Annual	MCY	30 MPH	2.315E-06	1.189E-06	2.026E-05	2.216E-09	8.000E-09	3.675E-08	8.586E-10	4.561E-08	2.000E-09	1.575E-08	6.783E-10	1.843E-08	1.389E-04	1.382E-04
County	Fresno	2012	Annual	MDV	30 MPH	1.140E-07	4.920E-07	3.822E-06	5.783E-09	8.000E-09	3.675E-08	3.115E-09	4.787E-08	2.000E-09	1.575E-08	2.853E-09	2.060E-08	6.307E-04	6.127E-04
County	Fresno	2012	Annual	MH	30 MPH	3.750E-07	2.596E-06	9.221E-06	7.866E-09	8.711E-09	5.339E-08	3.905E-08	1.012E-07	2.178E-09	2.288E-08	3.580E-08	6.086E-08	7.310E-04	7.273E-04
County	Fresno	2012	Annual	Motor Coach	30 MPH	5.601E-07	1.225E-05	2.503E-06	1.659E-08	1.200E-08	1.303E-07	3.251E-07	4.674E-07	3.000E-09	5.586E-08	2.991E-07	3.580E-07	1.882E-03	1.872E-03
County	Fresno	2012	Annual	OBUS	30 MPH	3.441E-07	1.808E-06	5.605E-06	6.948E-09	8.000E-09	3.675E-08	1.459E-09	4.621E-08	2.000E-09	1.575E-08	1.333E-09	1.908E-08	6.194E-04	6.163E-04
County	Fresno	2012	Annual	PTO	30 MPH	8.225E-07	1.405E-05	3.895E-06	2.044E-08	0.000E+00	0.000E+00	4.828E-07	4.828E-07	0.000E+00	0.000E+00	4.442E-07	4.442E-07	2.148E-03	2.138E-03
County	Fresno	2012	Annual	SBUS	30 MPH	1.001E-06	8.272E-06	1.358E-05	1.127E-08	1.065E-08	5.063E-07	2.254E-07	7.424E-07	2.663E-09	2.170E-07	2.070E-07	4.267E-07	1.070E-03	1.065E-03
County	Fresno	2012	Annual	T6 Ag	30 MPH	5.680E-07	9.224E-06	2.220E-06	1.156E-08	1.200E-08	1.303E-07	4.081E-07	5.504E-07	3.000E-09	5.586E-08	3.754E-07	4.343E-07	1.233E-03	1.227E-03
County	Fresno	2012	Annual	T6 CAIRP heavy	30 MPH	2.618E-07	6.359E-06	1.009E-06	1.144E-08	1.200E-08	1.303E-07	1.633E-07	3.057E-07	3.000E-09	5.586E-08	1.503E-07	2.091E-07	1.221E-03	1.215E-03
County	Fresno	2012	Annual	T6 CAIRP small	30 MPH	2.240E-07	5.132E-06	8.180E-07	1.143E-08	1.200E-08	1.303E-07	1.325E-07	2.748E-07	3.000E-09	5.586E-08	1.219E-07	1.808E-07	1.220E-03	1.214E-03
County	Fresno	2012	Annual	T6 instate construction heavy	30 MPH	4.293E-07	9.337E-06	1.796E-06	1.144E-08	1.200E-08	1.303E-07	2.923E-07	4.347E-07	3.000E-09	5.586E-08	2.690E-07	3.278E-07	1.221E-03	1.215E-03
County	Fresno	2012	Annual	T6 instate construction small	30 MPH	3.308E-07	7.333E-06	1.315E-06	1.143E-08	1.200E-08	1.303E-07	2.191E-07	3.615E-07	3.000E-09	5.586E-08	2.016E-07	2.604E-07	1.219E-03	1.213E-03
County	Fresno	2012	Annual	T6 instate heavy	30 MPH	4.206E-07	9.118E-06	1.758E-06	1.144E-08	1.200E-08	1.303E-07	2.855E-07	4.278E-07	3.000E-09	5.586E-08	2.626E-07	3.215E-07	1.221E-03	1.215E-03
County	Fresno	2012	Annual	T6 instate small	30 MPH	3.211E-07	7.078E-06	1.274E-06	1.142E-08	1.200E-08	1.303E-07	2.113E-07	3.536E-07	3.000E-09	5.586E-08	1.944E-07	2.532E-07	1.219E-03	1.213E-03
County	Fresno	2012	Annual	T6 OOS heavy	30 MPH	2.618E-07	6.359E-06	1.009E-06	1.144E-08	1.200E-08	1.303E-07	1.633E-07	3.057E-07	3.000E-09	5.586E-08	1.503E-07	2.091E-07	1.221E-03	1.215E-03
County	Fresno	2012	Annual	T6 OOS small	30 MPH	2.240E-07	5.132E-06	8.180E-07	1.143E-08	1.200E-08	1.303E-07	1.325E-07	2.748E-07	3.000E-09	5.586E-08	1.219E-07	1.808E-07	1.220E-03	1.214E-03
County	Fresno	2012	Annual	T6 Public	30 MPH	3.137E-07	8.768E-06	1.245E-06	1.152E-08	1.200E-08	1.303E-07	2.665E-07	4.088E-07	3.000E-09	5.586E-08	2.452E-07	3.040E-07	1.230E-03	1.224E-03
County	Fresno	2012	Annual	T6 utility	30 MPH	1.543E-07	6.527E-06	6.066E-07	1.143E-08	1.200E-08	1.303E-07	1.225E-07	2.648E-07	3.000E-09	5.586E-08	1.127E-07	1.715E-07	1.220E-03	1.214E-03
County	Fresno	2012	Annual	T6TS	30 MPH	6.187E-07	1.859E-06	1.078E-05	7.047E-09	8.000E-09	3.675E-08	3.632E-09	4.838E-08	2.000E-09	1.575E-08	3.163E-09	2.091E-08	6.194E-04	6.163E-04
County	Fresno	2012	Annual	T7 Ag	30 MPH	8.535E-07	1.567E-05	4.757E-06	1.675E-08	3.600E-08	6.174E-08	6.043E-07	7.021E-07	9.000E-09	2.646E-08	5.560E-07	5.914E-07	1.900E-03	1.891E-03
County	Fresno	2012	Annual	T7 CAIRP	30 MPH	6.321E-07	1.093E-05	2.523E-06	1.661E-08	3.600E-08	6.174E-08	3.158E-07	4.135E-07	9.000E-09	2.646E-08	2.905E-07	3.260E-07	1.884E-03	1.875E-03
County	Fresno	2012	Annual	T7 CAIRP construction	30 MPH	6.397E-07	1.110E-05	2.554E-06	1.661E-08	3.600E-08	6.174E-08	3.208E-07	4.185E-07	9.000E-09	2.646E-08	2.951E-07	3.306E-07	1.885E-03	1.875E-03
County	Fresno	2012	Annual	T7 NNOOS	30 MPH	4.305E-07	6.680E-06	1.648E-06	1.653E-08	3.600E-08	6.174E-08	1.791E-07	2.769E-07	9.000E-09	2.646E-08	1.648E-07	2.002E-07	1.876E-03	1.866E-03
County	Fresno	2012	Annual	T7 NOOS	30 MPH	6.244E-07	1.093E-05	2.479E-06	1.661E-08	3.600E-08	6.174E-08	3.121E-07	4.098E-07	9.000E-09	2.646E-08	2.871E-07	3.226E-07	1.884E-03	1.875E-03
County	Fresno	2012	Annual	T7 other port	30 MPH	2.951E-07	1.668E-05	1.208E-06	1.677E-08	3.600E-08	6.174E-08	1.776E-07	2.753E-07	9.000E-09	2.646E-08	1.634E-07	1.988E-07	1.903E-03	1.893E-03
County	Fresno	2012	Annual	T7 POAK	30 MPH	2.746E-07	1.742E-05	1.163E-06	1.679E-08	3.600E-08	6.174E-08	1.622E-07	2.599E-07	9.000E-09	2.646E-08	1.492E-07	1.846E-07	1.905E-03	1.895E-03
County	Fresno	2012	Annual	T7 POLA	30 MPH	4.234E-07	9.294E-06	1.554E-06	1.684E-08	3.600E-08	6.174E-08	1.117E-07	2.095E-07	9.000E-09	2.646E-08	1.028E-07	1.382E-07	1.910E-03	1.901E-03
County	Fresno	2012	Annual	T7 Public	30 MPH	6.013E-07	1.602E-05	3.671E-06	1.690E-08	3.600E-08	6.174E-08	5.831E-07	6.809E-07	9.000E-09	2.646E-08	5.365E-07	5.720E-07	1.917E-03	1.907E-03
County	Fresno	2012	Annual	T7 Single	30 MPH	4.773E-07	1.193E-05	2.363E-06	1.654E-08	3.600E-08	6.174E-08	2.781E-07	3.758E-07	9.000E-09	2.646E-08	2.558E-07	2.913E-07	1.876E-03	1.867E-03
County	Fresno	2012	Annual	T7 single construction	30 MPH	4.841E-07	1.217E-05	2.402E-06	1.654E-08	3.600E-08	6.174E-08	2.836E-07	3.813E-07	9.000E-09	2.646E-08	2.609E-07	2.963E-07	1.877E-03	1.868E-03
County	Fresno	2012	Annual	T7 SWCV	30 MPH	1.188E-07	1.364E-05	5.859E-07	1.692E-08	3.600E-08	6.174E-08	6.985E-08	1.676E-07	9.000E-09	2.646E-08	6.426E-08	9.972E-08	1.919E-03	1.910E-03
County	Fresno	2012	Annual	T7 tractor	30 MPH	7.854E-07	1.341E-05	3.830E-06	1.661E-08	3.600E-08	6.174E-08	4.513E-07	5.491E-07	9.000E-09	2.646E-08	4.152E-07	4.507E-07	1.885E-03	1.875E-03
County	Fresno	2012	Annual	T7 tractor construction	30 MPH	8.194E-07	1.378E-05	4.072E-06	1.661E-08	3.600E-08	6.174E-08	4.712E-07	5.689E-07	9.000E-09	2.646E-08	4.335E-07	4.689E-07	1.885E-03	1.875E-03
County	Fresno	2012	Annual	T7 utility	30 MPH	2.836E-07	1.196E-05	1.370E-06	1.659E-08	3.600E-08	6.174E-08	2.126E-07	3.104E-07	9.000E-09	2.646E-08	1.956E-07	2.311E-07	1.882E-03	1.873E-03
County	Fresno	2012	Annual	T7IS	30 MPH	1.460E-06	5.577E-06	4.140E-05	6.443E-09	8.000E-09	3.675E-08	1.561E-09	4.631E-08	2.000E-09	1.575E-08	1.298E-09	1.905E-08	6.194E-04	6.163E-04
County	Fresno	2012	Annual	UBUS	30 MPH	6.060E-07	1.019E-05	4.441E-06	1.963E-08	8.000E-09	6.095E-07	1.749E-07	7.924E-07	2.000E-09	2.612E-07	1.609E-07	4.241E-07	2.004E-03	1.994E-03

County	Fresno	2012	Annual	All Other Buses	35 MPH	3.745E-07	8.591E-06	1.490E-06	1.151E-08	1.200E-08	1.303E-07	2.885E-07	4.308E-07	3.000E-09	5.586E-08	2.654E-07	3.243E-07	1.162E-03	1.156E-03
County	Fresno	2012	Annual	LDA	35 MPH	6.070E-08	1.763E-07	2.047E-06	3.358E-09	8.000E-09	3.675E-08	2.467E-09	4.722E-08	2.000E-09	1.575E-08	2.235E-09	1.999E-08	3.268E-04	3.066E-04
County	Fresno	2012	Annual	LDT1	35 MPH	1.573E-07	4.337E-07	4.676E-06	3.900E-09	8.000E-09	3.675E-08	5.525E-09	5.027E-08	2.000E-09	1.575E-08	5.002E-09	2.275E-08	3.758E-04	3.548E-04
County	Fresno	2012	Annual	LDT2	35 MPH	8.682E-08	3.436E-07	2.954E-06	4.591E-09	8.000E-09	3.675E-08	2.712E-09	4.746E-08	2.000E-09	1.575E-08	2.450E-09	2.020E-08	4.467E-04	4.270E-04
County	Fresno	2012	Annual	LHD1	35 MPH	1.611E-07	1.930E-06	1.733E-06	7.950E-09	9.517E-09	5.180E-08	1.733E-08	7.865E-08	2.379E-09	2.220E-08	1.594E-08	4.053E-08	5.269E-04	5.243E-04
County	Fresno	2012	Annual	LHD2	35 MPH	1.631E-07	2.633E-06	1.464E-06	6.805E-09	1.047E-08	6.912E-08	2.618E-08	1.058E-07	2.617E-09	2.962E-08	2.406E-08	5.630E-08	5.263E-04	5.237E-04
County	Fresno	2012	Annual	MCY	35 MPH	2.222E-06	1.217E-06	2.065E-05	2.216E-09	8.000E-09	3.675E-08	8.286E-10	4.558E-08	2.000E-09	1.575E-08	6.542E-10	1.840E-08	1.305E-04	1.298E-04
County	Fresno	2012	Annual	MDV	35 MPH	9.593E-08	4.663E-07	3.511E-06	5.783E-09	8.000E-09	3.675E-08	2.596E-09	4.735E-08	2.000E-09	1.575E-08	2.376E-09	2.013E-08	5.631E-04	5.470E-04
County	Fresno	2012	Annual	MH	35 MPH	2.973E-07	2.585E-06	7.866E-06	7.866E-09	8.711E-09	5.339E-08	3.485E-08	9.695E-08	2.178E-09	2.288E-08	3.196E-08	5.702E-08	6.440E-04	6.408E-04
County	Fresno	2012	Annual	Motor Coach	35 MPH	4.708E-07	1.162E-05	2.244E-06	1.659E-08	1.200E-08	1.303E-07	3.086E-07	4.509E-07	3.000E-09	5.586E-08	2.839E-07	3.428E-07	1.780E-03	1.771E-03
County	Fresno	2012	Annual	OBUS	35 MPH	2.708E-07	1.887E-06	4.773E-06	6.948E-09	8.000E-09	3.675E-08	1.152E-09	4.590E-08	2.000E-09	1.575E-08	1.053E-09	1.880E-08	5.278E-04	5.252E-04
County	Fresno	2012	Annual	PTO	35 MPH	8.225E-07	1.405E-05	3.895E-06	2.044E-08	0.000E+00	0.000E+00	4.828E-07	4.828E-07	0.000E+00	0.000E+00	4.442E-07	4.442E-07	2.148E-03	2.138E-03
County	Fresno	2012	Annual	SBUS	35 MPH	8.056E-07	8.086E-06	1.159E-05	1.127E-08	1.065E-08	5.063E-07	1.969E-07	7.138E-07	2.663E-09	2.170E-07	1.808E-07	4.005E-07	9.968E-04	9.918E-04
County	Fresno	2012	Annual	T6 Ag	35 MPH	4.796E-07	8.854E-06	1.904E-06	1.156E-08	1.200E-08	1.303E-07	3.651E-07	5.074E-07	3.000E-09	5.586E-08	3.359E-07	3.947E-07	1.166E-03	1.161E-03
County	Fresno	2012	Annual	T6 CAIRP heavy	35 MPH	2.190E-07	6.049E-06	8.980E-07	1.144E-08	1.200E-08	1.303E-07	1.507E-07	2.930E-07	3.000E-09	5.586E-08	1.386E-07	1.975E-07	1.154E-03	1.149E-03
County	Fresno	2012	Annual	T6 CAIRP small	35 MPH	1.898E-07	4.789E-06	7.503E-07	1.143E-08	1.200E-08	1.303E-07	1.273E-07	2.696E-07	3.000E-09	5.586E-08	1.171E-07	1.760E-07	1.153E-03	1.148E-03
County	Fresno	2012	Annual	T6 instate construction heavy	35 MPH	3.515E-07	9.062E-06	1.531E-06	1.144E-08	1.200E-08	1.303E-07	2.553E-07	3.977E-07	3.000E-09	5.586E-08	2.349E-07	2.938E-07	1.155E-03	1.149E-03
County	Fresno	2012	Annual	T6 instate construction small	35 MPH	2.738E-07	6.985E-06	1.154E-06	1.143E-08	1.200E-08	1.303E-07	2.001E-07	3.425E-07	3.000E-09	5.586E-08	1.841E-07	2.430E-07	1.153E-03	1.148E-03
County	Fresno	2012	Annual	T6 instate heavy	35 MPH	3.445E-07	8.849E-06	1.499E-06	1.144E-08	1.200E-08	1.303E-07	2.494E-07	3.918E-07	3.000E-09	5.586E-08	2.295E-07	2.883E-07	1.155E-03	1.149E-03
County	Fresno	2012	Annual	T6 instate small	35 MPH	2.659E-07	6.739E-06	1.119E-06	1.142E-08	1.200E-08	1.303E-07	1.931E-07	3.354E-07	3.000E-09	5.586E-08	1.776E-07	2.365E-07	1.153E-03	1.147E-03
County	Fresno	2012	Annual	T6 OOS heavy	35 MPH	2.190E-07	6.049E-06	8.980E-07	1.144E-08	1.200E-08	1.303E-07	1.507E-07	2.930E-07	3.000E-09	5.586E-08	1.386E-07	1.975E-07	1.154E-03	1.149E-03
County	Fresno	2012	Annual	T6 OOS small	35 MPH	1.898E-07	4.789E-06	7.503E-07	1.143E-08	1.200E-08	1.303E-07	1.273E-07	2.696E-07	3.000E-09	5.586E-08	1.171E-07	1.760E-07	1.153E-03	1.148E-03
County	Fresno	2012	Annual	T6 Public	35 MPH	2.634E-07	8.472E-06	1.065E-06	1.152E-08	1.200E-08	1.303E-07	2.358E-07	3.782E-07	3.000E-09	5.586E-08	2.170E-07	2.758E-07	1.163E-03	1.157E-03
County	Fresno	2012	Annual	T6 utility	35 MPH	1.282E-07	6.254E-06	5.382E-07	1.143E-08	1.200E-08	1.303E-07	1.122E-07	2.546E-07	3.000E-09	5.586E-08	1.033E-07	1.621E-07	1.154E-03	1.148E-03
County	Fresno	2012	Annual	T6TS	35 MPH	4.880E-07	1.941E-06	9.197E-06	7.047E-09	8.000E-09	3.675E-08	2.869E-09	4.762E-08	2.000E-09	1.575E-08	2.498E-09	2.025E-08	5.278E-04	5.252E-04
County	Fresno	2012	Annual	T7 Ag	35 MPH	7.135E-07	1.509E-05	4.077E-06	1.675E-08	3.600E-08	6.174E-08	5.425E-07	6.402E-07	9.000E-09	2.646E-08	4.991E-07	5.345E-07	1.797E-03	1.788E-03
County	Fresno	2012	Annual	T7 CAIRP	35 MPH	5.403E-07	1.014E-05	2.355E-06	1.661E-08	3.600E-08	6.174E-08	3.125E-07	4.102E-07	9.000E-09	2.646E-08	2.875E-07	3.229E-07	1.782E-03	1.773E-03
County	Fresno	2012	Annual	T7 CAIRP construction	35 MPH	5.468E-07	1.030E-05	2.385E-06	1.661E-08	3.600E-08	6.174E-08	3.174E-07	4.151E-07	9.000E-09	2.646E-08	2.920E-07	3.274E-07	1.782E-03	1.773E-03
County	Fresno	2012	Annual	T7 NNOOS	35 MPH	3.709E-07	6.157E-06	1.566E-06	1.653E-08	3.600E-08	6.174E-08	1.797E-07	2.774E-07	9.000E-09	2.646E-08	1.653E-07	2.008E-07	1.774E-03	1.765E-03
County	Fresno	2012	Annual	T7 NOOS	35 MPH	5.344E-07	1.014E-05	2.320E-06	1.661E-08	3.600E-08	6.174E-08	3.095E-07	4.073E-07	9.000E-09	2.646E-08	2.848E-07	3.202E-07	1.782E-03	1.773E-03
County	Fresno	2012	Annual	T7 other port	35 MPH	2.500E-07	1.595E-05	1.111E-06	1.677E-08	3.600E-08	6.174E-08	1.747E-07	2.724E-07	9.000E-09	2.646E-08	1.607E-07	1.962E-07	1.800E-03	1.791E-03
County	Fresno	2012	Annual	T7 POAK	35 MPH	2.306E-07	1.677E-05	1.053E-06	1.679E-08	3.600E-08	6.174E-08	1.570E-07	2.547E-07	9.000E-09	2.646E-08	1.444E-07	1.799E-07	1.801E-03	1.792E-03
County	Fresno	2012	Annual	T7 POLA	35 MPH	3.685E-07	8.537E-06	1.509E-06	1.684E-08	3.600E-08	6.174E-08	1.146E-07	2.124E-07	9.000E-09	2.646E-08	1.055E-07	1.409E-07	1.807E-03	1.798E-03
County	Fresno	2012	Annual	T7 Public	35 MPH	5.084E-07	1.550E-05	3.123E-06	1.690E-08	3.600E-08	6.174E-08	5.184E-07	6.162E-07	9.000E-09	2.646E-08	4.770E-07	5.124E-07	1.813E-03	1.804E-03
County	Fresno	2012	Annual	T7 Single	35 MPH	3.902E-07	1.154E-05	2.038E-06	1.654E-08	3.600E-08	6.174E-08	2.454E-07	3.432E-07	9.000E-09	2.646E-08	2.258E-07	2.612E-07	1.775E-03	1.766E-03
County	Fresno	2012	Annual	T7 single construction	35 MPH	3.956E-07	1.178E-05	2.069E-06	1.654E-08	3.600E-08	6.174E-08	2.502E-07	3.479E-07	9.000E-09	2.646E-08	2.302E-07	2.656E-07	1.775E-03	1.766E-03
County	Fresno	2012	Annual	T7 SWCV	35 MPH	1.004E-07	1.316E-05	5.182E-07	1.692E-08	3.600E-08	6.174E-08	6.298E-08	1.607E-07	9.000E-09	2.646E-08	5.795E-08	9.340E-08	1.815E-03	1.806E-03
County	Fresno	2012	Annual	T7 tractor	35 MPH	6.542E-07	1.278E-05	3.355E-06	1.661E-08	3.600E-08	6.174E-08	4.142E-07	5.120E-07	9.000E-09	2.646E-08	3.811E-07	4.166E-07	1.783E-03	1.774E-03
County	Fresno	2012	Annual	T7 tractor construction	35 MPH	6.799E-07	1.317E-05	3.545E-06	1.661E-08	3.600E-08	6.174E-08	4.284E-07	5.261E-07	9.000E-09	2.646E-08	3.941E-07	4.296E-07	1.782E-03	1.773E-03
County	Fresno	2012	Annual	T7 utility	35 MPH	2.345E-07	1.154E-05	1.198E-06	1.659E-08	3.600E-08	6.174E-08	1.915E-07	2.893E-07	9.000E-09	2.646E-08	1.762E-07	2.117E-07	1.780E-03	1.771E-03
County	Fresno	2012	Annual	T7IS	35 MPH	1.152E-06	5.795E-06	3.531E-05	6.443E-09	8.000E-09	3.675E-08	1.233E-09	4.598E-08	2.000E-09	1.575E-08	1.025E-09	1.877E-08	5.278E-04	5.252E-04
County	Fresno	2012	Annual	UBUS	35 MPH	5.007E-07	9.845E-06	3.742E-06	1.963E-08	8.000E-09	6.095E-07	1.485E-07	7.660E-07	2.000E-09	2.612E-07	1.366E-07	3.998E-07	1.977E-03	1.967E-03

County	Fresno	2012	Annual	All Other Buses	40 MPH	3.227E-07	8.294E-06	1.319E-06	1.151E-08	1.200E-08	1.303E-07	2.751E-07	4.174E-07	3.000E-09	5.586E-08	2.531E-07	3.119E-07	1.109E-03	1.103E-03
County	Fresno	2012	Annual	LDA	40 MPH	5.425E-08	1.721E-07	1.908E-06	3.358E-09	8.000E-09	3.675E-08	2.164E-09	4.691E-08	2.000E-09	1.575E-08	1.959E-09	1.971E-08	3.027E-04	2.840E-04
County	Fresno	2012	Annual	LDT1	40 MPH	1.407E-07	4.247E-07	4.366E-06	3.900E-09	8.000E-09	3.675E-08	4.859E-09	4.961E-08	2.000E-09	1.575E-08	4.394E-09	2.214E-08	3.481E-04	3.287E-04
County	Fresno	2012	Annual	LDT2	40 MPH	7.740E-08	3.335E-07	2.751E-06	4.591E-09	8.000E-09	3.675E-08	2.380E-09	4.713E-08	2.000E-09	1.575E-08	2.148E-09	1.990E-08	4.137E-04	3.955E-04
County	Fresno	2012	Annual	LHD1	40 MPH	1.348E-07	1.973E-06	1.549E-06	7.950E-09	9.517E-09	5.180E-08	1.528E-08	7.660E-08	2.379E-09	2.220E-08	1.406E-08	3.864E-08	4.943E-04	4.919E-04
County	Fresno	2012	Annual	LHD2	40 MPH	1.404E-07	2.675E-06	1.320E-06	6.805E-09	1.047E-08	6.912E-08	2.315E-08	1.027E-07	2.617E-09	2.962E-08	2.128E-08	5.352E-08	5.065E-04	5.040E-04
County	Fresno	2012	Annual	MCY	40 MPH	2.238E-06	1.253E-06	2.210E-05	2.216E-09	8.000E-09	3.675E-08	8.376E-10	4.559E-08	2.000E-09	1.575E-08	6.609E-10	1.841E-08	1.258E-04	1.251E-04
County	Fresno	2012	Annual	MDV	40 MPH	8.468E-08	4.513E-07	3.265E-06	5.783E-09	8.000E-09	3.675E-08	2.272E-09	4.702E-08	2.000E-09	1.575E-08	2.078E-09	1.983E-08	5.215E-04	5.066E-04
County	Fresno	2012	Annual	MH	40 MPH	2.450E-07	2.591E-06	7.092E-06	7.866E-09	8.711E-09	5.339E-08	3.273E-08	9.484E-08	2.178E-09	2.288E-08	3.003E-08	5.510E-08	5.914E-04	5.884E-04
County	Fresno	2012	Annual	Motor Coach	40 MPH	4.034E-07	1.115E-05	2.052E-06	1.659E-08	1.200E-08	1.303E-07	3.080E-07	4.503E-07	3.000E-09	5.586E-08	2.833E-07	3.422E-07	1.699E-03	1.690E-03
County	Fresno	2012	Annual	OBUS	40 MPH	2.217E-07	1.967E-06	4.296E-06	6.948E-09	8.000E-09	3.675E-08	9.487E-10	4.570E-08	2.000E-09	1.575E-08	8.666E-10	1.862E-08	4.752E-04	4.729E-04
County	Fresno	2012	Annual	PTO	40 MPH	8.225E-07	1.405E-05	3.895E-06	2.044E-08	0.000E+00	0.000E+00	4.828E-07	4.828E-07	0.000E+00	0.000E+00	4.442E-07	4.442E-07	2.148E-03	2.138E-03
County	Fresno	2012	Annual	SBUS	40 MPH	6.728E-07	7.970E-06	1.040E-05	1.127E-08	1.065E-08	5.063E-07	1.784E-07	6.954E-07	2.663E-09	2.170E-07	1.639E-07	3.836E-07	9.438E-04	9.391E-04
County	Fresno	2012	Annual	T6 Ag	40 MPH	4.147E-07	8.589E-06	1.649E-06	1.156E-08	1.200E-08	1.303E-07	3.384E-07	4.808E-07	3.000E-09	5.586E-08	3.113E-07	3.702E-07	1.113E-03	1.108E-03
County	Fresno	2012	Annual	T6 CAIRP heavy	40 MPH	1.871E-07	5.817E-06	8.148E-07	1.144E-08	1.200E-08	1.303E-07	1.468E-07	2.892E-07	3.000E-09	5.586E-08	1.351E-07	1.939E-07	1.102E-03	1.096E-03
County	Fresno	2012	Annual	T6 CAIRP small	40 MPH	1.632E-07	4.524E-06	7.030E-07	1.143E-08	1.200E-08	1.303E-07	1.288E-07	2.712E-07	3.000E-09	5.586E-08	1.185E-07	1.774E-07	1.101E-03	1.095E-03
County	Fresno	2012	Annual	T6 instate construction heavy	40 MPH	2.968E-07	8.874E-06	1.321E-06	1.144E-08	1.200E-08	1.303E-07	2.351E-07	3.774E-07	3.000E-09	5.586E-08	2.162E-07	2.751E-07	1.102E-03	1.097E-03
County	Fresno	2012	Annual	T6 instate construction small	40 MPH	2.323E-07	6.724E-06	1.032E-06	1.143E-08	1.200E-08	1.303E-07	1.934E-07	3.358E-07	3.000E-09	5.586E-08	1.780E-07	2.368E-07	1.101E-03	1.095E-03
County	Fresno	2012	Annual	T6 instate heavy	40 MPH	2.909E-07	8.663E-06	1.295E-06	1.144E-08	1.200E-08	1.303E-07	2.297E-07	3.720E-07	3.000E-09	5.586E-08	2.113E-07	2.702E-07	1.102E-03	1.096E-03
County	Fresno	2012	Annual	T6 instate small	40 MPH	2.257E-07	6.487E-06	1.002E-06	1.142E-08	1.200E-08	1.303E-07	1.867E-07	3.290E-07	3.000E-09	5.586E-08	1.718E-07	2.306E-07	1.100E-03	1.095E-03
County	Fresno	2012	Annual	T6 OOS heavy	40 MPH	1.871E-07	5.817E-06	8.148E-07	1.144E-08	1.200E-08	1.303E-07	1.468E-07	2.892E-07	3.000E-09	5.586E-08	1.351E-07	1.939E-07	1.102E-03	1.096E-03
County	Fresno	2012	Annual	T6 OOS small	40 MPH	1.632E-07	4.524E-06	7.030E-07	1.143E-08	1.200E-08	1.303E-07	1.288E-07	2.712E-07	3.000E-09	5.586E-08	1.185E-07	1.774E-07	1.101E-03	1.095E-03
County	Fresno	2012	Annual	T6 Public	40 MPH	2.268E-07	8.265E-06	9.196E-07	1.152E-08	1.200E-08	1.303E-07	2.170E-07	3.593E-07	3.000E-09	5.586E-08	1.996E-07	2.585E-07	1.110E-03	1.105E-03
County	Fresno	2012	Annual	T6 utility	40 MPH	1.089E-07	6.055E-06	4.870E-07	1.143E-08	1.200E-08	1.303E-07	1.091E-07	2.514E-07	3.000E-09	5.586E-08	1.003E-07	1.592E-07	1.101E-03	1.096E-03
County	Fresno	2012	Annual	T6TS	40 MPH	4.007E-07	2.024E-06	8.300E-06	7.047E-09	8.000E-09	3.675E-08	2.362E-09	4.711E-08	2.000E-09	1.575E-08	2.056E-09	1.981E-08	4.752E-04	4.729E-04
County	Fresno	2012	Annual	T7 Ag	40 MPH	6.120E-07	1.468E-05	3.529E-06	1.675E-08	3.600E-08	6.174E-08	5.053E-07	6.030E-07	9.000E-09	2.646E-08	4.648E-07	5.003E-07	1.715E-03	1.707E-03
County	Fresno	2012	Annual	T7 CAIRP	40 MPH	4.674E-07	9.531E-06	2.247E-06	1.661E-08	3.600E-08	6.174E-08	3.239E-07	4.217E-07	9.000E-09	2.646E-08	2.980E-07	3.335E-07	1.701E-03	1.692E-03
County	Fresno	2012	Annual	T7 CAIRP construction	40 MPH	4.730E-07	9.677E-06	2.274E-06	1.661E-08	3.600E-08	6.174E-08	3.290E-07	4.267E-07	9.000E-09	2.646E-08	3.027E-07	3.381E-07	1.701E-03	1.693E-03
County	Fresno	2012	Annual	T7 NNOOS	40 MPH	3.223E-07	5.747E-06	1.519E-06	1.653E-08	3.600E-08	6.174E-08	1.884E-07	2.861E-07	9.000E-09	2.646E-08	1.733E-07	2.088E-07	1.693E-03	1.685E-03
County	Fresno	2012	Annual	T7 NOOS	40 MPH	4.625E-07	9.531E-06	2.217E-06	1.661E-08	3.600E-08	6.174E-08	3.215E-07	4.192E-07	9.000E-09	2.646E-08	2.958E-07	3.312E-07	1.701E-03	1.692E-03
County	Fresno	2012	Annual	T7 other port	40 MPH	2.150E-07	1.542E-05	1.044E-06	1.677E-08	3.600E-08	6.174E-08	1.804E-07	2.781E-07	9.000E-09	2.646E-08	1.660E-07	2.014E-07	1.718E-03	1.709E-03
County	Fresno	2012	Annual	T7 POAK	40 MPH	1.973E-07	1.630E-05	9.746E-07	1.679E-08	3.600E-08	6.174E-08	1.601E-07	2.578E-07	9.000E-09	2.646E-08	1.473E-07	1.827E-07	1.719E-03	1.711E-03
County	Fresno	2012	Annual	T7 POLA	40 MPH	3.222E-07	7.943E-06	1.494E-06	1.684E-08	3.600E-08	6.174E-08	1.223E-07	2.200E-07	9.000E-09	2.646E-08	1.125E-07	1.479E-07	1.724E-03	1.716E-03
County	Fresno	2012	Annual	T7 Public	40 MPH	4.405E-07	1.513E-05	2.672E-06	1.690E-08	3.600E-08	6.174E-08	4.741E-07	5.718E-07	9.000E-09	2.646E-08	4.361E-07	4.716E-07	1.730E-03	1.722E-03
County	Fresno	2012	Annual	T7 Single	40 MPH	3.283E-07	1.127E-05	1.785E-06	1.654E-08	3.600E-08	6.174E-08	2.297E-07	3.274E-07	9.000E-09	2.646E-08	2.113E-07	2.468E-07	1.694E-03	1.685E-03
County	Fresno	2012	Annual	T7 single construction	40 MPH	3.327E-07	1.150E-05	1.811E-06	1.654E-08	3.600E-08	6.174E-08	2.340E-07	3.318E-07	9.000E-09	2.646E-08	2.153E-07	2.508E-07	1.694E-03	1.686E-03
County	Fresno	2012	Annual	T7 SWCV	40 MPH	8.652E-08	1.282E-05	4.657E-07	1.692E-08	3.600E-08	6.174E-08	5.923E-08	1.570E-07	9.000E-09	2.646E-08	5.450E-08	8.995E-08	1.732E-03	1.724E-03
County	Fresno	2012	Annual	T7 tractor	40 MPH	5.579E-07	1.231E-05	2.988E-06	1.661E-08	3.600E-08	6.174E-08	3.994E-07	4.972E-07	9.000E-09	2.646E-08	3.675E-07	4.029E-07	1.701E-03	1.693E-03
County	Fresno	2012	Annual	T7 tractor construction	40 MPH	5.784E-07	1.272E-05	3.134E-06	1.661E-08	3.600E-08	6.174E-08	4.094E-07	5.071E-07	9.000E-09	2.646E-08	3.766E-07	4.121E-07	1.701E-03	1.693E-03
County	Fresno	2012	Annual	T7 utility	40 MPH	1.989E-07	1.123E-05	1.066E-06	1.659E-08	3.600E-08	6.174E-08	1.826E-07	2.803E-07	9.000E-09	2.646E-08	1.679E-07	2.034E-07	1.699E-03	1.690E-03
County	Fresno	2012	Annual	T7IS	40 MPH	9.474E-07	6.030E-06	3.177E-05	6.443E-09	8.000E-09	3.675E-08	1.015E-09	4.576E-08	2.000E-09	1.575E-08	8.437E-10	1.859E-08	4.752E-04	4.729E-04
County	Fresno	2012	Annual	UBUS	40 MPH	4.301E-07	9.946E-06	3.338E-06	1.963E-08	8.000E-09	6.095E-07	1.306E-07	7.480E-07	2.000E-09	2.612E-07	1.201E-07	3.833E-07	1.962E-03	1.952E-03

County	Fresno	2012	Annual	All Other Buses	45 MPH	2.889E-07	8.104E-06	1.195E-06	1.151E-08	1.200E-08	1.303E-07	2.758E-07	4.181E-07	3.000E-09	5.586E-08	2.537E-07	3.126E-07	1.069E-03	1.064E-03
County	Fresno	2012	Annual	LDA	45 MPH	5.081E-08	1.702E-07	1.808E-06	3.358E-09	8.000E-09	3.675E-08	1.994E-09	4.674E-08	2.000E-09	1.575E-08	1.803E-09	1.955E-08	2.913E-04	2.733E-04
County	Fresno	2012	Annual	LDT1	45 MPH	1.316E-07	4.229E-07	4.162E-06	3.900E-09	8.000E-09	3.675E-08	4.472E-09	4.922E-08	2.000E-09	1.575E-08	4.040E-09	2.179E-08	3.349E-04	3.162E-04
County	Fresno	2012	Annual	LDT2	45 MPH	7.223E-08	3.289E-07	2.603E-06	4.591E-09	8.000E-09	3.675E-08	2.192E-09	4.694E-08	2.000E-09	1.575E-08	1.977E-09	1.973E-08	3.980E-04	3.805E-04
County	Fresno	2012	Annual	LHD1	45 MPH	1.193E-07	2.049E-06	1.473E-06	7.950E-09	9.517E-09	5.180E-08	1.379E-08	7.512E-08	2.379E-09	2.220E-08	1.269E-08	3.727E-08	4.800E-04	4.776E-04
County	Fresno	2012	Annual	LHD2	45 MPH	1.252E-07	2.785E-06	1.240E-06	6.805E-09	1.047E-08	6.912E-08	2.093E-08	1.005E-07	2.617E-09	2.962E-08	1.924E-08	5.148E-08	4.978E-04	4.953E-04
County	Fresno	2012	Annual	MCY	45 MPH	2.360E-06	1.291E-06	2.479E-05	2.216E-09	8.000E-09	3.675E-08	8.866E-10	4.564E-08	2.000E-09	1.575E-08	6.993E-10	1.845E-08	1.246E-04	1.239E-04
County	Fresno	2012	Annual	MDV	45 MPH	7.838E-08	4.442E-07	3.079E-06	5.783E-09	8.000E-09	3.675E-08	2.088E-09	4.684E-08	2.000E-09	1.575E-08	1.908E-09	1.966E-08	5.017E-04	4.874E-04
County	Fresno	2012	Annual	MH	45 MPH	2.116E-07	2.602E-06	6.734E-06	7.866E-09	8.711E-09	5.339E-08	3.261E-08	9.472E-08	2.178E-09	2.288E-08	2.994E-08	5.500E-08	5.653E-04	5.624E-04
County	Fresno	2012	Annual	Motor Coach	45 MPH	3.579E-07	1.083E-05	1.925E-06	1.659E-08	1.200E-08	1.303E-07	3.232E-07	4.656E-07	3.000E-09	5.586E-08	2.974E-07	3.562E-07	1.638E-03	1.630E-03
County	Fresno	2012	Annual	OBUS	45 MPH	1.916E-07	2.035E-06	4.090E-06	6.948E-09	8.000E-09	3.675E-08	8.141E-10	4.556E-08	2.000E-09	1.575E-08	7.436E-10	1.849E-08	4.521E-04	4.498E-04
County	Fresno	2012	Annual	PTO	45 MPH	8.225E-07	1.405E-05	3.895E-06	2.044E-08	0.000E+00	0.000E+00	4.828E-07	4.828E-07	0.000E+00	0.000E+00	4.442E-07	4.442E-07	2.148E-03	2.138E-03
County	Fresno	2012	Annual	SBUS	45 MPH	5.866E-07	7.925E-06	9.833E-06	1.127E-08	1.065E-08	5.063E-07	1.701E-07	6.870E-07	2.663E-09	2.170E-07	1.563E-07	3.759E-07	9.087E-04	9.042E-04
County	Fresno	2012	Annual	T6 Ag	45 MPH	3.732E-07	8.427E-06	1.455E-06	1.156E-08	1.200E-08	1.303E-07	3.282E-07	4.705E-07	3.000E-09	5.586E-08	3.019E-07	3.608E-07	1.074E-03	1.068E-03
County	Fresno	2012	Annual	T6 CAIRP heavy	45 MPH	1.661E-07	5.664E-06	7.593E-07	1.144E-08	1.200E-08	1.303E-07	1.517E-07	2.940E-07	3.000E-09	5.586E-08	1.395E-07	1.984E-07	1.063E-03	1.057E-03
County	Fresno	2012	Annual	T6 CAIRP small	45 MPH	1.445E-07	4.336E-06	6.760E-07	1.143E-08	1.200E-08	1.303E-07	1.371E-07	2.794E-07	3.000E-09	5.586E-08	1.261E-07	1.850E-07	1.062E-03	1.057E-03
County	Fresno	2012	Annual	T6 instate construction heavy	45 MPH	2.649E-07	8.771E-06	1.167E-06	1.144E-08	1.200E-08	1.303E-07	2.315E-07	3.738E-07	3.000E-09	5.586E-08	2.130E-07	2.718E-07	1.063E-03	1.058E-03
County	Fresno	2012	Annual	T6 instate construction small	45 MPH	2.064E-07	6.553E-06	9.476E-07	1.143E-08	1.200E-08	1.303E-07	1.990E-07	3.413E-07	3.000E-09	5.586E-08	1.831E-07	2.419E-07	1.062E-03	1.056E-03
County	Fresno	2012	Annual	T6 instate heavy	45 MPH	2.597E-07	8.562E-06	1.145E-06	1.144E-08	1.200E-08	1.303E-07	2.262E-07	3.686E-07	3.000E-09	5.586E-08	2.081E-07	2.670E-07	1.063E-03	1.058E-03
County	Fresno	2012	Annual	T6 instate small	45 MPH	2.004E-07	6.320E-06	9.208E-07	1.142E-08	1.200E-08	1.303E-07	1.921E-07	3.345E-07	3.000E-09	5.586E-08	1.768E-07	2.356E-07	1.061E-03	1.056E-03
County	Fresno	2012	Annual	T6 OOS heavy	45 MPH	1.661E-07	5.664E-06	7.593E-07	1.144E-08	1.200E-08	1.303E-07	1.517E-07	2.940E-07	3.000E-09	5.586E-08	1.395E-07	1.984E-07	1.063E-03	1.057E-03
County	Fresno	2012	Annual	T6 OOS small	45 MPH	1.445E-07	4.336E-06	6.760E-07	1.143E-08	1.200E-08	1.303E-07	1.371E-07	2.794E-07	3.000E-09	5.586E-08	1.261E-07	1.850E-07	1.062E-03	1.057E-03
County	Fresno	2012	Annual	T6 Public	45 MPH	2.039E-07	8.147E-06	8.096E-07	1.152E-08	1.200E-08	1.303E-07	2.100E-07	3.523E-07	3.000E-09	5.586E-08	1.932E-07	2.520E-07	1.071E-03	1.066E-03
County	Fresno	2012	Annual	T6 utility	45 MPH	9.655E-08	5.928E-06	4.530E-07	1.143E-08	1.200E-08	1.303E-07	1.129E-07	2.553E-07	3.000E-09	5.586E-08	1.039E-07	1.627E-07	1.062E-03	1.057E-03
County	Fresno	2012	Annual	T6TS	45 MPH	3.450E-07	2.093E-06	7.880E-06	7.047E-09	8.000E-09	3.675E-08	2.027E-09	4.678E-08	2.000E-09	1.575E-08	1.765E-09	1.951E-08	4.521E-04	4.498E-04
County	Fresno	2012	Annual	T7 Ag	45 MPH	5.488E-07	1.443E-05	3.113E-06	1.675E-08	3.600E-08	6.174E-08	4.927E-07	5.904E-07	9.000E-09	2.646E-08	4.533E-07	4.887E-07	1.655E-03	1.646E-03
County	Fresno	2012	Annual	T7 CAIRP	45 MPH	4.132E-07	9.092E-06	2.196E-06	1.661E-08	3.600E-08	6.174E-08	3.502E-07	4.480E-07	9.000E-09	2.646E-08	3.222E-07	3.577E-07	1.640E-03	1.632E-03
County	Fresno	2012	Annual	T7 CAIRP construction	45 MPH	4.181E-07	9.232E-06	2.223E-06	1.661E-08	3.600E-08	6.174E-08	3.557E-07	4.534E-07	9.000E-09	2.646E-08	3.272E-07	3.627E-07	1.641E-03	1.633E-03
County	Fresno	2012	Annual	T7 NNOOS	45 MPH	2.847E-07	5.451E-06	1.507E-06	1.653E-08	3.600E-08	6.174E-08	2.052E-07	3.029E-07	9.000E-09	2.646E-08	1.888E-07	2.242E-07	1.633E-03	1.625E-03
County	Fresno	2012	Annual	T7 NOOS	45 MPH	4.088E-07	9.092E-06	2.172E-06	1.661E-08	3.600E-08	6.174E-08	3.480E-07	4.457E-07	9.000E-09	2.646E-08	3.201E-07	3.556E-07	1.641E-03	1.632E-03
County	Fresno	2012	Annual	T7 other port	45 MPH	1.901E-07	1.507E-05	1.007E-06	1.677E-08	3.600E-08	6.174E-08	1.947E-07	2.925E-07	9.000E-09	2.646E-08	1.791E-07	2.146E-07	1.657E-03	1.648E-03
County	Fresno	2012	Annual	T7 POAK	45 MPH	1.746E-07	1.602E-05	9.267E-07	1.679E-08	3.600E-08	6.174E-08	1.714E-07	2.691E-07	9.000E-09	2.646E-08	1.577E-07	1.931E-07	1.658E-03	1.650E-03
County	Fresno	2012	Annual	T7 POLA	45 MPH	2.843E-07	7.512E-06	1.508E-06	1.684E-08	3.600E-08	6.174E-08	1.346E-07	2.323E-07	9.000E-09	2.646E-08	1.238E-07	1.593E-07	1.663E-03	1.655E-03
County	Fresno	2012	Annual	T7 Public	45 MPH	3.975E-07	1.493E-05	2.318E-06	1.690E-08	3.600E-08	6.174E-08	4.500E-07	5.477E-07	9.000E-09	2.646E-08	4.140E-07	4.494E-07	1.669E-03	1.661E-03
County	Fresno	2012	Annual	T7 Single	45 MPH	2.916E-07	1.111E-05	1.605E-06	1.654E-08	3.600E-08	6.174E-08	2.308E-07	3.286E-07	9.000E-09	2.646E-08	2.124E-07	2.478E-07	1.634E-03	1.626E-03
County	Fresno	2012	Annual	T7 single construction	45 MPH	2.956E-07	1.134E-05	1.627E-06	1.654E-08	3.600E-08	6.174E-08	2.352E-07	3.329E-07	9.000E-09	2.646E-08	2.163E-07	2.518E-07	1.634E-03	1.626E-03
County	Fresno	2012	Annual	T7 SWCV	45 MPH	7.711E-08	1.262E-05	4.285E-07	1.692E-08	3.600E-08	6.174E-08	5.860E-08	1.563E-07	9.000E-09	2.646E-08	5.391E-08	8.937E-08	1.671E-03	1.663E-03
County	Fresno	2012	Annual	T7 tractor	45 MPH	4.964E-07	1.200E-05	2.728E-06	1.661E-08	3.600E-08	6.174E-08	4.069E-07	5.047E-07	9.000E-09	2.646E-08	3.744E-07	4.098E-07	1.641E-03	1.633E-03
County	Fresno	2012	Annual	T7 tractor construction	45 MPH	5.149E-07	1.243E-05	2.840E-06	1.661E-08	3.600E-08	6.174E-08	4.141E-07	5.118E-07	9.000E-09	2.646E-08	3.810E-07	4.164E-07	1.641E-03	1.633E-03
County	Fresno	2012	Annual	T7 utility	45 MPH	1.766E-07	1.105E-05	9.739E-07	1.659E-08	3.600E-08	6.174E-08	1.858E-07	2.835E-07	9.000E-09	2.646E-08	1.709E-07	2.064E-07	1.639E-03	1.630E-03
County	Fresno	2012	Annual	T7IS	45 MPH	8.119E-07	6.298E-06	3.025E-05	6.443E-09	8.000E-09	3.675E-08	8.709E-10	4.562E-08	2.000E-09	1.575E-08	7.240E-10	1.847E-08	4.521E-04	4.498E-04
County	Fresno	2012	Annual	UBUS	45 MPH	3.837E-07	1.051E-05	3.151E-06	1.963E-08	8.000E-09	6.095E-07	1.189E-07	7.364E-07	2.000E-09	2.612E-07	1.094E-07	3.726E-07	1.955E-03	1.946E-03

County	Fresno	2012	Annual	All Other Buses	50 MPH	2.731E-07	8.020E-06	1.117E-06	1.151E-08	1.200E-08	1.303E-07	2.906E-07	4.329E-07	3.000E-09	5.586E-08	2.673E-07	3.262E-07	1.044E-03	1.039E-03
County	Fresno	2012	Annual	LDA	50 MPH	4.993E-08	1.709E-07	1.746E-06	3.358E-09	8.000E-09	3.675E-08	1.928E-09	4.668E-08	2.000E-09	1.575E-08	1.742E-09	1.949E-08	2.910E-04	2.730E-04
County	Fresno	2012	Annual	LDT1	50 MPH	1.288E-07	4.293E-07	4.065E-06	3.900E-09	8.000E-09	3.675E-08	4.307E-09	4.906E-08	2.000E-09	1.575E-08	3.888E-09	2.164E-08	3.346E-04	3.159E-04
County	Fresno	2012	Annual	LDT2	50 MPH	7.068E-08	3.301E-07	2.509E-06	4.591E-09	8.000E-09	3.675E-08	2.120E-09	4.687E-08	2.000E-09	1.575E-08	1.910E-09	1.966E-08	3.976E-04	3.801E-04
County	Fresno	2012	Annual	LHD1	50 MPH	1.103E-07	2.180E-06	1.486E-06	7.950E-09	9.517E-09	5.180E-08	1.275E-08	7.407E-08	2.379E-09	2.220E-08	1.173E-08	3.631E-08	4.814E-04	4.790E-04
County	Fresno	2012	Annual	LHD2	50 MPH	1.153E-07	2.990E-06	1.230E-06	6.805E-09	1.047E-08	6.912E-08	1.937E-08	9.895E-08	2.617E-09	2.962E-08	1.780E-08	5.004E-08	4.986E-04	4.961E-04
County	Fresno	2012	Annual	MCY	50 MPH	2.608E-06	1.335E-06	2.931E-05	2.216E-09	8.000E-09	3.675E-08	9.828E-10	4.573E-08	2.000E-09	1.575E-08	7.750E-10	1.852E-08	1.270E-04	1.263E-04
County	Fresno	2012	Annual	MDV	50 MPH	7.615E-08	4.456E-07	2.952E-06	5.783E-09	8.000E-09	3.675E-08	2.015E-09	4.676E-08	2.000E-09	1.575E-08	1.840E-09	1.959E-08	5.012E-04	4.869E-04
County	Fresno	2012	Annual	MH	50 MPH	1.898E-07	2.654E-06	6.756E-06	7.866E-09	8.711E-09	5.339E-08	3.443E-08	9.654E-08	2.178E-09	2.288E-08	3.162E-08	5.668E-08	5.624E-04	5.596E-04
County	Fresno	2012	Annual	Motor Coach	50 MPH	3.343E-07	1.067E-05	1.865E-06	1.659E-08	1.200E-08	1.303E-07	3.544E-07	4.967E-07	3.000E-09	5.586E-08	3.260E-07	3.849E-07	1.599E-03	1.591E-03
County	Fresno	2012	Annual	OBUS	50 MPH	1.694E-07	2.131E-06	4.094E-06	6.948E-09	8.000E-09	3.675E-08	7.282E-10	4.548E-08	2.000E-09	1.575E-08	6.652E-10	1.842E-08	4.543E-04	4.521E-04
County	Fresno	2012	Annual	PTO	50 MPH	8.225E-07	1.405E-05	3.895E-06	2.044E-08	0.000E+00	0.000E+00	4.828E-07	4.828E-07	0.000E+00	0.000E+00	4.442E-07	4.442E-07	2.148E-03	2.138E-03
County	Fresno	2012	Annual	SBUS	50 MPH	5.369E-07	7.943E-06	9.775E-06	1.127E-08	1.065E-08	5.063E-07	1.717E-07	6.886E-07	2.663E-09	2.170E-07	1.578E-07	3.774E-07	8.903E-04	8.859E-04
County	Fresno	2012	Annual	T6 Ag	50 MPH	3.551E-07	8.369E-06	1.323E-06	1.156E-08	1.200E-08	1.303E-07	3.343E-07	4.766E-07	3.000E-09	5.586E-08	3.075E-07	3.664E-07	1.048E-03	1.043E-03
County	Fresno	2012	Annual	T6 CAIRP heavy	50 MPH	1.561E-07	5.588E-06	7.315E-07	1.144E-08	1.200E-08	1.303E-07	1.653E-07	3.076E-07	3.000E-09	5.586E-08	1.520E-07	2.109E-07	1.037E-03	1.032E-03
County	Fresno	2012	Annual	T6 CAIRP small	50 MPH	1.335E-07	4.227E-06	6.695E-07	1.143E-08	1.200E-08	1.303E-07	1.521E-07	2.944E-07	3.000E-09	5.586E-08	1.399E-07	1.988E-07	1.036E-03	1.031E-03
County	Fresno	2012	Annual	T6 instate construction heavy	50 MPH	2.560E-07	8.755E-06	1.069E-06	1.144E-08	1.200E-08	1.303E-07	2.446E-07	3.869E-07	3.000E-09	5.586E-08	2.250E-07	2.839E-07	1.038E-03	1.033E-03
County	Fresno	2012	Annual	T6 instate construction small	50 MPH	1.959E-07	6.470E-06	9.014E-07	1.143E-08	1.200E-08	1.303E-07	2.168E-07	3.592E-07	3.000E-09	5.586E-08	1.995E-07	2.584E-07	1.036E-03	1.031E-03
County	Fresno	2012	Annual	T6 instate heavy	50 MPH	2.509E-07	8.546E-06	1.050E-06	1.144E-08	1.200E-08	1.303E-07	2.391E-07	3.815E-07	3.000E-09	5.586E-08	2.200E-07	2.789E-07	1.037E-03	1.032E-03
County	Fresno	2012	Annual	T6 instate small	50 MPH	1.902E-07	6.239E-06	8.768E-07	1.142E-08	1.200E-08	1.303E-07	2.094E-07	3.517E-07	3.000E-09	5.586E-08	1.927E-07	2.515E-07	1.036E-03	1.031E-03
County	Fresno	2012	Annual	T6 OOS heavy	50 MPH	1.561E-07	5.588E-06	7.315E-07	1.144E-08	1.200E-08	1.303E-07	1.653E-07	3.076E-07	3.000E-09	5.586E-08	1.520E-07	2.109E-07	1.037E-03	1.032E-03
County	Fresno	2012	Annual	T6 OOS small	50 MPH	1.335E-07	4.227E-06	6.695E-07	1.143E-08	1.200E-08	1.303E-07	1.521E-07	2.944E-07	3.000E-09	5.586E-08	1.399E-07	1.988E-07	1.036E-03	1.031E-03
County	Fresno	2012	Annual	T6 Public	50 MPH	1.947E-07	8.119E-06	7.349E-07	1.152E-08	1.200E-08	1.303E-07	2.147E-07	3.571E-07	3.000E-09	5.586E-08	1.976E-07	2.564E-07	1.045E-03	1.040E-03
County	Fresno	2012	Annual	T6 utility	50 MPH	9.108E-08	5.873E-06	4.362E-07	1.143E-08	1.200E-08	1.303E-07	1.238E-07	2.662E-07	3.000E-09	5.586E-08	1.139E-07	1.728E-07	1.037E-03	1.031E-03
County	Fresno	2012	Annual	T6TS	50 MPH	3.072E-07	2.192E-06	7.930E-06	7.047E-09	8.000E-09	3.675E-08	1.813E-09	4.656E-08	2.000E-09	1.575E-08	1.579E-09	1.933E-08	4.543E-04	4.521E-04
County	Fresno	2012	Annual	T7 Ag	50 MPH	5.240E-07	1.435E-05	2.829E-06	1.675E-08	3.600E-08	6.174E-08	5.047E-07	6.025E-07	9.000E-09	2.646E-08	4.643E-07	4.998E-07	1.615E-03	1.607E-03
County	Fresno	2012	Annual	T7 CAIRP	50 MPH	3.778E-07	8.829E-06	2.204E-06	1.661E-08	3.600E-08	6.174E-08	3.913E-07	4.891E-07	9.000E-09	2.646E-08	3.600E-07	3.955E-07	1.601E-03	1.593E-03
County	Fresno	2012	Annual	T7 CAIRP construction	50 MPH	3.823E-07	8.965E-06	2.230E-06	1.661E-08	3.600E-08	6.174E-08	3.974E-07	4.952E-07	9.000E-09	2.646E-08	3.656E-07	4.011E-07	1.601E-03	1.593E-03
County	Fresno	2012	Annual	T7 NNOOS	50 MPH	2.581E-07	5.269E-06	1.530E-06	1.653E-08	3.600E-08	6.174E-08	2.301E-07	3.279E-07	9.000E-09	2.646E-08	2.117E-07	2.472E-07	1.594E-03	1.586E-03
County	Fresno	2012	Annual	T7 NOOS	50 MPH	3.734E-07	8.829E-06	2.183E-06	1.661E-08	3.600E-08	6.174E-08	3.890E-07	4.867E-07	9.000E-09	2.646E-08	3.579E-07	3.933E-07	1.601E-03	1.593E-03
County	Fresno	2012	Annual	T7 other port	50 MPH	1.755E-07	1.492E-05	9.999E-07	1.677E-08	3.600E-08	6.174E-08	2.176E-07	3.154E-07	9.000E-09	2.646E-08	2.002E-07	2.357E-07	1.617E-03	1.609E-03
County	Fresno	2012	Annual	T7 POAK	50 MPH	1.626E-07	1.591E-05	9.094E-07	1.679E-08	3.600E-08	6.174E-08	1.909E-07	2.886E-07	9.000E-09	2.646E-08	1.756E-07	2.111E-07	1.618E-03	1.610E-03
County	Fresno	2012	Annual	T7 POLA	50 MPH	2.550E-07	7.243E-06	1.552E-06	1.684E-08	3.600E-08	6.174E-08	1.516E-07	2.494E-07	9.000E-09	2.646E-08	1.395E-07	1.750E-07	1.623E-03	1.615E-03
County	Fresno	2012	Annual	T7 Public	50 MPH	3.794E-07	1.490E-05	2.062E-06	1.690E-08	3.600E-08	6.174E-08	4.462E-07	5.440E-07	9.000E-09	2.646E-08	4.105E-07	4.460E-07	1.629E-03	1.621E-03
County	Fresno	2012	Annual	T7 Single	50 MPH	2.802E-07	1.107E-05	1.498E-06	1.654E-08	3.600E-08	6.174E-08	2.489E-07	3.466E-07	9.000E-09	2.646E-08	2.290E-07	2.645E-07	1.595E-03	1.587E-03
County	Fresno	2012	Annual	T7 single construction	50 MPH	2.842E-07	1.130E-05	1.518E-06	1.654E-08	3.600E-08	6.174E-08	2.535E-07	3.512E-07	9.000E-09	2.646E-08	2.332E-07	2.687E-07	1.595E-03	1.587E-03
County	Fresno	2012	Annual	T7 SWCV	50 MPH	7.220E-08	1.257E-05	4.065E-07	1.692E-08	3.600E-08	6.174E-08	6.108E-08	1.588E-07	9.000E-09	2.646E-08	5.619E-08	9.165E-08	1.631E-03	1.623E-03
County	Fresno	2012	Annual	T7 tractor	50 MPH	4.697E-07	1.185E-05	2.575E-06	1.661E-08	3.600E-08	6.174E-08	4.367E-07	5.344E-07	9.000E-09	2.646E-08	4.018E-07	4.372E-07	1.602E-03	1.594E-03
County	Fresno	2012	Annual	T7 tractor construction	50 MPH	4.894E-07	1.230E-05	2.663E-06	1.661E-08	3.600E-08	6.174E-08	4.426E-07	5.403E-07	9.000E-09	2.646E-08	4.072E-07	4.426E-07	1.601E-03	1.593E-03
County	Fresno	2012	Annual	T7 utility	50 MPH	1.677E-07	1.099E-05	9.218E-07	1.659E-08	3.600E-08	6.174E-08	2.011E-07	2.988E-07	9.000E-09	2.646E-08	1.850E-07	2.205E-07	1.599E-03	1.591E-03
County	Fresno	2012	Annual	T7IS	50 MPH	7.242E-07	6.523E-06	3.037E-05	6.443E-09	8.000E-09	3.675E-08	7.790E-10	4.553E-08	2.000E-09	1.575E-08	6.476E-10	1.840E-08	4.543E-04	4.521E-04
County	Fresno	2012	Annual	UBUS	50 MPH	3.556E-07	1.161E-05	3.148E-06	1.963E-08	8.000E-09	6.095E-07	1.121E-07	7.296E-07	2.000E-09	2.612E-07	1.031E-07	3.664E-07	1.956E-03	1.946E-03

County	Fresno	2012	Annual	All Other Buses	55 MPH	2.753E-07	8.042E-06	1.086E-06	1.151E-08	1.200E-08	1.303E-07	3.195E-07	4.618E-07	3.000E-09	5.586E-08	2.939E-07	3.528E-07	1.032E-03	1.027E-03
County	Fresno	2012	Annual	LDA	55 MPH	5.149E-08	1.743E-07	1.725E-06	3.358E-09	8.000E-09	3.675E-08	1.958E-09	4.671E-08	2.000E-09	1.575E-08	1.768E-09	1.952E-08	3.017E-04	2.830E-04
County	Fresno	2012	Annual	LDT1	55 MPH	1.320E-07	4.445E-07	4.082E-06	3.900E-09	8.000E-09	3.675E-08	4.345E-09	4.909E-08	2.000E-09	1.575E-08	3.917E-09	2.167E-08	3.469E-04	3.275E-04
County	Fresno	2012	Annual	LDT2	55 MPH	7.254E-08	3.377E-07	2.472E-06	4.591E-09	8.000E-09	3.675E-08	2.153E-09	4.690E-08	2.000E-09	1.575E-08	1.937E-09	1.969E-08	4.122E-04	3.940E-04
County	Fresno	2012	Annual	LHD1	55 MPH	1.013E-07	2.435E-06	1.546E-06	7.950E-09	9.517E-09	5.180E-08	1.205E-08	7.338E-08	2.379E-09	2.220E-08	1.109E-08	3.567E-08	4.988E-04	4.963E-04
County	Fresno	2012	Annual	LHD2	55 MPH	1.081E-07	3.356E-06	1.298E-06	6.805E-09	1.047E-08	6.912E-08	1.832E-08	9.791E-08	2.617E-09	2.962E-08	1.684E-08	4.908E-08	5.092E-04	5.067E-04
County	Fresno	2012	Annual	MCY	55 MPH	3.025E-06	1.385E-06	3.660E-05	2.216E-09	8.000E-09	3.675E-08	1.141E-09	4.589E-08	2.000E-09	1.575E-08	8.995E-10	1.865E-08	1.334E-04	1.328E-04
County	Fresno	2012	Annual	MDV	55 MPH	7.765E-08	4.563E-07	2.885E-06	5.783E-09	8.000E-09	3.675E-08	2.042E-09	4.679E-08	2.000E-09	1.575E-08	1.864E-09	1.961E-08	5.196E-04	5.048E-04
County	Fresno	2012	Annual	MH	55 MPH	1.766E-07	2.716E-06	7.178E-06	7.866E-09	8.711E-09	5.339E-08	3.817E-08	1.003E-07	2.178E-09	2.288E-08	3.506E-08	6.012E-08	5.831E-04	5.802E-04
County	Fresno	2012	Annual	Motor Coach	55 MPH	3.325E-07	1.066E-05	1.871E-06	1.659E-08	1.200E-08	1.303E-07	4.014E-07	5.438E-07	3.000E-09	5.586E-08	3.693E-07	4.282E-07	1.581E-03	1.573E-03
County	Fresno	2012	Annual	OBUS	55 MPH	1.538E-07	2.220E-06	4.342E-06	6.948E-09	8.000E-09	3.675E-08	6.790E-10	4.543E-08	2.000E-09	1.575E-08	6.202E-10	1.837E-08	4.824E-04	4.800E-04
County	Fresno	2012	Annual	PTO	55 MPH	8.225E-07	1.405E-05	3.895E-06	2.044E-08	0.000E+00	0.000E+00	4.828E-07	4.828E-07	0.000E+00	0.000E+00	4.442E-07	4.442E-07	2.148E-03	2.138E-03
County	Fresno	2012	Annual	SBUS	55 MPH	5.212E-07	8.064E-06	1.042E-05	1.127E-08	1.065E-08	5.063E-07	1.833E-07	7.002E-07	2.663E-09	2.170E-07	1.685E-07	3.881E-07	8.889E-04	8.844E-04
County	Fresno	2012	Annual	T6 Ag	55 MPH	3.605E-07	8.415E-06	1.252E-06	1.156E-08	1.200E-08	1.303E-07	3.568E-07	4.991E-07	3.000E-09	5.586E-08	3.282E-07	3.871E-07	1.036E-03	1.031E-03
County	Fresno	2012	Annual	T6 CAIRP heavy	55 MPH	1.571E-07	5.591E-06	7.314E-07	1.144E-08	1.200E-08	1.303E-07	1.876E-07	3.299E-07	3.000E-09	5.586E-08	1.726E-07	2.314E-07	1.025E-03	1.020E-03
County	Fresno	2012	Annual	T6 CAIRP small	55 MPH	1.303E-07	4.195E-06	6.834E-07	1.143E-08	1.200E-08	1.303E-07	1.738E-07	3.161E-07	3.000E-09	5.586E-08	1.599E-07	2.187E-07	1.024E-03	1.019E-03
County	Fresno	2012	Annual	T6 instate construction heavy	55 MPH	2.701E-07	8.825E-06	1.027E-06	1.144E-08	1.200E-08	1.303E-07	2.745E-07	4.168E-07	3.000E-09	5.586E-08	2.525E-07	3.114E-07	1.026E-03	1.021E-03
County	Fresno	2012	Annual	T6 instate construction small	55 MPH	2.010E-07	6.475E-06	8.934E-07	1.143E-08	1.200E-08	1.303E-07	2.469E-07	3.893E-07	3.000E-09	5.586E-08	2.272E-07	2.861E-07	1.024E-03	1.019E-03
County	Fresno	2012	Annual	T6 instate heavy	55 MPH	2.645E-07	8.613E-06	1.009E-06	1.144E-08	1.200E-08	1.303E-07	2.683E-07	4.107E-07	3.000E-09	5.586E-08	2.469E-07	3.057E-07	1.025E-03	1.020E-03
County	Fresno	2012	Annual	T6 instate small	55 MPH	1.949E-07	6.244E-06	8.696E-07	1.142E-08	1.200E-08	1.303E-07	2.385E-07	3.808E-07	3.000E-09	5.586E-08	2.194E-07	2.783E-07	1.024E-03	1.019E-03
County	Fresno	2012	Annual	T6 OOS heavy	55 MPH	1.571E-07	5.591E-06	7.314E-07	1.144E-08	1.200E-08	1.303E-07	1.876E-07	3.299E-07	3.000E-09	5.586E-08	1.726E-07	2.314E-07	1.025E-03	1.020E-03
County	Fresno	2012	Annual	T6 OOS small	55 MPH	1.303E-07	4.195E-06	6.834E-07	1.143E-08	1.200E-08	1.303E-07	1.738E-07	3.161E-07	3.000E-09	5.586E-08	1.599E-07	2.187E-07	1.024E-03	1.019E-03
County	Fresno	2012	Annual	T6 Public	55 MPH	1.993E-07	8.180E-06	6.954E-07	1.152E-08	1.200E-08	1.303E-07	2.313E-07	3.737E-07	3.000E-09	5.586E-08	2.128E-07	2.717E-07	1.033E-03	1.028E-03
County	Fresno	2012	Annual	T6 utility	55 MPH	9.248E-08	5.891E-06	4.366E-07	1.143E-08	1.200E-08	1.303E-07	1.418E-07	2.841E-07	3.000E-09	5.586E-08	1.304E-07	1.893E-07	1.025E-03	1.019E-03
County	Fresno	2012	Annual	T6TS	55 MPH	2.823E-07	2.285E-06	8.445E-06	7.047E-09	8.000E-09	3.675E-08	1.690E-09	4.644E-08	2.000E-09	1.575E-08	1.472E-09	1.922E-08	4.824E-04	4.800E-04
County	Fresno	2012	Annual	T7 Ag	55 MPH	5.377E-07	1.444E-05	2.677E-06	1.675E-08	3.600E-08	6.174E-08	5.414E-07	6.391E-07	9.000E-09	2.646E-08	4.981E-07	5.336E-07	1.596E-03	1.588E-03
County	Fresno	2012	Annual	T7 CAIRP	55 MPH	3.611E-07	8.740E-06	2.270E-06	1.661E-08	3.600E-08	6.174E-08	4.473E-07	5.450E-07	9.000E-09	2.646E-08	4.115E-07	4.470E-07	1.583E-03	1.575E-03
County	Fresno	2012	Annual	T7 CAIRP construction	55 MPH	3.655E-07	8.875E-06	2.297E-06	1.661E-08	3.600E-08	6.174E-08	4.542E-07	5.520E-07	9.000E-09	2.646E-08	4.179E-07	4.534E-07	1.583E-03	1.575E-03
County	Fresno	2012	Annual	T7 NNOOS	55 MPH	2.425E-07	5.200E-06	1.589E-06	1.653E-08	3.600E-08	6.174E-08	2.631E-07	3.609E-07	9.000E-09	2.646E-08	2.421E-07	2.776E-07	1.576E-03	1.568E-03
County	Fresno	2012	Annual	T7 NOOS	55 MPH	3.561E-07	8.740E-06	2.251E-06	1.661E-08	3.600E-08	6.174E-08	4.446E-07	5.423E-07	9.000E-09	2.646E-08	4.090E-07	4.445E-07	1.583E-03	1.575E-03
County	Fresno	2012	Annual	T7 other port	55 MPH	1.709E-07	1.495E-05	1.023E-06	1.677E-08	3.600E-08	6.174E-08	2.492E-07	3.469E-07	9.000E-09	2.646E-08	2.292E-07	2.647E-07	1.598E-03	1.590E-03
County	Fresno	2012	Annual	T7 POAK	55 MPH	1.612E-07	1.599E-05	9.229E-07	1.679E-08	3.600E-08	6.174E-08	2.187E-07	3.164E-07	9.000E-09	2.646E-08	2.012E-07	2.366E-07	1.600E-03	1.592E-03
County	Fresno	2012	Annual	T7 POLA	55 MPH	2.342E-07	7.137E-06	1.625E-06	1.684E-08	3.600E-08	6.174E-08	1.734E-07	2.711E-07	9.000E-09	2.646E-08	1.595E-07	1.950E-07	1.605E-03	1.597E-03
County	Fresno	2012	Annual	T7 Public	55 MPH	3.864E-07	1.503E-05	1.903E-06	1.690E-08	3.600E-08	6.174E-08	4.628E-07	5.605E-07	9.000E-09	2.646E-08	4.257E-07	4.612E-07	1.610E-03	1.602E-03
County	Fresno	2012	Annual	T7 Single	55 MPH	2.941E-07	1.114E-05	1.464E-06	1.654E-08	3.600E-08	6.174E-08	2.839E-07	3.816E-07	9.000E-09	2.646E-08	2.612E-07	2.966E-07	1.576E-03	1.568E-03
County	Fresno	2012	Annual	T7 single construction	55 MPH	2.985E-07	1.137E-05	1.482E-06	1.654E-08	3.600E-08	6.174E-08	2.891E-07	3.868E-07	9.000E-09	2.646E-08	2.660E-07	3.014E-07	1.577E-03	1.569E-03
County	Fresno	2012	Annual	T7 SWCV	55 MPH	7.180E-08	1.265E-05	3.998E-07	1.692E-08	3.600E-08	6.174E-08	6.667E-08	1.644E-07	9.000E-09	2.646E-08	6.134E-08	9.680E-08	1.612E-03	1.604E-03
County	Fresno	2012	Annual	T7 tractor	55 MPH	4.779E-07	1.186E-05	2.530E-06	1.661E-08	3.600E-08	6.174E-08	4.888E-07	5.865E-07	9.000E-09	2.646E-08	4.497E-07	4.852E-07	1.583E-03	1.575E-03
County	Fresno	2012	Annual	T7 tractor construction	55 MPH	5.020E-07	1.234E-05	2.602E-06	1.661E-08	3.600E-08	6.174E-08	4.948E-07	5.926E-07	9.000E-09	2.646E-08	4.552E-07	4.907E-07	1.583E-03	1.575E-03
County	Fresno	2012	Annual	T7 utility	55 MPH	1.722E-07	1.105E-05	9.097E-07	1.659E-08	3.600E-08	6.174E-08	2.286E-07	3.264E-07	9.000E-09	2.646E-08	2.103E-07	2.458E-07	1.581E-03	1.573E-03
County	Fresno	2012	Annual	T7IS	55 MPH	6.760E-07	6.714E-06	3.227E-05	6.443E-09	8.000E-09	3.675E-08	7.264E-10	4.548E-08	2.000E-09	1.575E-08	6.038E-10	1.835E-08	4.824E-04	4.800E-04
County	Fresno	2012	Annual	UBUS	55 MPH	3.422E-07	1.344E-05	3.329E-06	1.963E-08	8.000E-09	6.095E-07	1.095E-07	7.270E-07	2.000E-09	2.612E-07	1.007E-07	3.639E-07	1.964E-03	1.954E-03

County	Fresno	2012	Annual	All Other Buses	60 MPH	2.956E-07	8.170E-06	1.101E-06	1.151E-08	1.200E-08	1.303E-07	3.625E-07	5.048E-07	3.000E-09	5.586E-08	3.335E-07	3.924E-07	1.033E-03	1.028E-03
County	Fresno	2012	Annual	LDA	60 MPH	5.565E-08	1.802E-07	1.752E-06	3.358E-09	8.000E-09	3.675E-08	2.089E-09	4.684E-08	2.000E-09	1.575E-08	1.885E-09	1.963E-08	3.246E-04	3.045E-04
County	Fresno	2012	Annual	LDT1	60 MPH	1.416E-07	4.690E-07	4.233E-06	3.900E-09	8.000E-09	3.675E-08	4.592E-09	4.934E-08	2.000E-09	1.575E-08	4.135E-09	2.189E-08	3.732E-04	3.523E-04
County	Fresno	2012	Annual	LDT2	60 MPH	7.799E-08	3.516E-07	2.499E-06	4.591E-09	8.000E-09	3.675E-08	2.296E-09	4.705E-08	2.000E-09	1.575E-08	2.064E-09	1.981E-08	4.435E-04	4.239E-04
County	Fresno	2012	Annual	LHD1	60 MPH	9.474E-08	2.659E-06	1.629E-06	7.950E-09	9.517E-09	5.180E-08	1.146E-08	7.278E-08	2.379E-09	2.220E-08	1.055E-08	3.513E-08	5.346E-04	5.319E-04
County	Fresno	2012	Annual	LHD2	60 MPH	1.002E-07	3.690E-06	1.278E-06	6.805E-09	1.047E-08	6.912E-08	1.795E-08	9.754E-08	2.617E-09	2.962E-08	1.651E-08	4.875E-08	5.313E-04	5.286E-04
County	Fresno	2012	Annual	MCY	60 MPH	3.676E-06	1.441E-06	4.824E-05	2.216E-09	8.000E-09	3.675E-08	1.387E-09	4.614E-08	2.000E-09	1.575E-08	1.093E-09	1.884E-08	1.449E-04	1.442E-04
County	Fresno	2012	Annual	MDV	60 MPH	8.300E-08	4.760E-07	2.886E-06	5.783E-09	8.000E-09	3.675E-08	2.174E-09	4.692E-08	2.000E-09	1.575E-08	1.984E-09	1.973E-08	5.591E-04	5.431E-04
County	Fresno	2012	Annual	MH	60 MPH	1.722E-07	2.781E-06	8.038E-06	7.866E-09	8.711E-09	5.339E-08	4.379E-08	1.059E-07	2.178E-09	2.288E-08	4.023E-08	6.529E-08	6.314E-04	6.282E-04
County	Fresno	2012	Annual	Motor Coach	60 MPH	3.527E-07	1.081E-05	1.943E-06	1.659E-08	1.200E-08	1.303E-07	4.644E-07	6.067E-07	3.000E-09	5.586E-08	4.272E-07	4.861E-07	1.583E-03	1.575E-03
County	Fresno	2012	Annual	OBUS	60 MPH	1.467E-07	2.290E-06	4.875E-06	6.948E-09	8.000E-09	3.675E-08	6.599E-10	4.541E-08	2.000E-09	1.575E-08	6.028E-10	1.835E-08	5.412E-04	5.385E-04
County	Fresno	2012	Annual	PTO	60 MPH	8.225E-07	1.405E-05	3.895E-06	2.044E-08	0.000E+00	0.000E+00	4.828E-07	4.828E-07	0.000E+00	0.000E+00	4.442E-07	4.442E-07	2.148E-03	2.138E-03
County	Fresno	2012	Annual	SBUS	60 MPH	5.309E-07	8.225E-06	1.157E-05	1.127E-08	1.065E-08	5.063E-07	2.048E-07	7.218E-07	2.663E-09	2.170E-07	1.883E-07	4.079E-07	9.055E-04	9.010E-04
County	Fresno	2012	Annual	T6 Ag	60 MPH	3.894E-07	8.564E-06	1.242E-06	1.156E-08	1.200E-08	1.303E-07	3.956E-07	5.380E-07	3.000E-09	5.586E-08	3.640E-07	4.228E-07	1.038E-03	1.032E-03
County	Fresno	2012	Annual	T6 CAIRP heavy	60 MPH	1.690E-07	5.671E-06	7.590E-07	1.144E-08	1.200E-08	1.303E-07	2.187E-07	3.610E-07	3.000E-09	5.586E-08	2.012E-07	2.600E-07	1.027E-03	1.022E-03
County	Fresno	2012	Annual	T6 CAIRP small	60 MPH	1.348E-07	4.241E-06	7.176E-07	1.143E-08	1.200E-08	1.303E-07	2.022E-07	3.446E-07	3.000E-09	5.586E-08	1.861E-07	2.449E-07	1.026E-03	1.021E-03
County	Fresno	2012	Annual	T6 instate construction heavy	60 MPH	3.071E-07	8.981E-06	1.040E-06	1.144E-08	1.200E-08	1.303E-07	3.210E-07	4.634E-07	3.000E-09	5.586E-08	2.953E-07	3.542E-07	1.028E-03	1.022E-03
County	Fresno	2012	Annual	T6 instate construction small	60 MPH	2.216E-07	6.570E-06	9.235E-07	1.143E-08	1.200E-08	1.303E-07	2.893E-07	4.317E-07	3.000E-09	5.586E-08	2.662E-07	3.250E-07	1.026E-03	1.021E-03
County	Fresno	2012	Annual	T6 instate heavy	60 MPH	3.005E-07	8.765E-06	1.022E-06	1.144E-08	1.200E-08	1.303E-07	3.139E-07	4.562E-07	3.000E-09	5.586E-08	2.887E-07	3.476E-07	1.027E-03	1.022E-03
County	Fresno	2012	Annual	T6 instate small	60 MPH	2.145E-07	6.335E-06	8.994E-07	1.142E-08	1.200E-08	1.303E-07	2.794E-07	4.217E-07	3.000E-09	5.586E-08	2.570E-07	3.159E-07	1.025E-03	1.020E-03
County	Fresno	2012	Annual	T6 OOS heavy	60 MPH	1.690E-07	5.671E-06	7.590E-07	1.144E-08	1.200E-08	1.303E-07	2.187E-07	3.610E-07	3.000E-09	5.586E-08	2.012E-07	2.600E-07	1.027E-03	1.022E-03
County	Fresno	2012	Annual	T6 OOS small	60 MPH	1.348E-07	4.241E-06	7.176E-07	1.143E-08	1.200E-08	1.303E-07	2.022E-07	3.446E-07	3.000E-09	5.586E-08	1.861E-07	2.449E-07	1.026E-03	1.021E-03
County	Fresno	2012	Annual	T6 Public	60 MPH	2.175E-07	8.330E-06	6.912E-07	1.152E-08	1.200E-08	1.303E-07	2.597E-07	4.021E-07	3.000E-09	5.586E-08	2.389E-07	2.978E-07	1.035E-03	1.030E-03
County	Fresno	2012	Annual	T6 utility	60 MPH	1.008E-07	5.982E-06	4.542E-07	1.143E-08	1.200E-08	1.303E-07	1.667E-07	3.091E-07	3.000E-09	5.586E-08	1.534E-07	2.123E-07	1.026E-03	1.021E-03
County	Fresno	2012	Annual	T6TS	60 MPH	2.709E-07	2.356E-06	9.463E-06	7.047E-09	8.000E-09	3.675E-08	1.643E-09	4.639E-08	2.000E-09	1.575E-08	1.430E-09	1.918E-08	5.412E-04	5.385E-04
County	Fresno	2012	Annual	T7 Ag	60 MPH	5.897E-07	1.470E-05	2.656E-06	1.675E-08	3.600E-08	6.174E-08	6.027E-07	7.005E-07	9.000E-09	2.646E-08	5.545E-07	5.900E-07	1.599E-03	1.591E-03
County	Fresno	2012	Annual	T7 CAIRP	60 MPH	3.632E-07	8.827E-06	2.395E-06	1.661E-08	3.600E-08	6.174E-08	5.180E-07	6.158E-07	9.000E-09	2.646E-08	4.766E-07	5.121E-07	1.585E-03	1.577E-03
County	Fresno	2012	Annual	T7 CAIRP construction	60 MPH	3.678E-07	8.964E-06	2.423E-06	1.661E-08	3.600E-08	6.174E-08	5.261E-07	6.238E-07	9.000E-09	2.646E-08	4.840E-07	5.195E-07	1.586E-03	1.578E-03
County	Fresno	2012	Annual	T7 NNOOS	60 MPH	2.378E-07	5.245E-06	1.683E-06	1.653E-08	3.600E-08	6.174E-08	3.043E-07	4.020E-07	9.000E-09	2.646E-08	2.799E-07	3.154E-07	1.578E-03	1.570E-03
County	Fresno	2012	Annual	T7 NOOS	60 MPH	3.570E-07	8.827E-06	2.375E-06	1.661E-08	3.600E-08	6.174E-08	5.147E-07	6.124E-07	9.000E-09	2.646E-08	4.735E-07	5.090E-07	1.585E-03	1.577E-03
County	Fresno	2012	Annual	T7 other port	60 MPH	1.766E-07	1.518E-05	1.076E-06	1.677E-08	3.600E-08	6.174E-08	2.893E-07	3.870E-07	9.000E-09	2.646E-08	2.661E-07	3.016E-07	1.601E-03	1.593E-03
County	Fresno	2012	Annual	T7 POAK	60 MPH	1.704E-07	1.624E-05	9.670E-07	1.679E-08	3.600E-08	6.174E-08	2.546E-07	3.524E-07	9.000E-09	2.646E-08	2.343E-07	2.697E-07	1.602E-03	1.594E-03
County	Fresno	2012	Annual	T7 POLA	60 MPH	2.219E-07	7.194E-06	1.728E-06	1.684E-08	3.600E-08	6.174E-08	1.999E-07	2.976E-07	9.000E-09	2.646E-08	1.839E-07	2.193E-07	1.607E-03	1.599E-03
County	Fresno	2012	Annual	T7 Public	60 MPH	4.182E-07	1.533E-05	1.841E-06	1.690E-08	3.600E-08	6.174E-08	4.996E-07	5.974E-07	9.000E-09	2.646E-08	4.597E-07	4.951E-07	1.613E-03	1.605E-03
County	Fresno	2012	Annual	T7 Single	60 MPH	3.331E-07	1.133E-05	1.503E-06	1.654E-08	3.600E-08	6.174E-08	3.357E-07	4.335E-07	9.000E-09	2.646E-08	3.089E-07	3.443E-07	1.579E-03	1.571E-03
County	Fresno	2012	Annual	T7 single construction	60 MPH	3.385E-07	1.156E-05	1.521E-06	1.654E-08	3.600E-08	6.174E-08	3.420E-07	4.397E-07	9.000E-09	2.646E-08	3.146E-07	3.501E-07	1.579E-03	1.571E-03
County	Fresno	2012	Annual	T7 SWCV	60 MPH	7.590E-08	1.288E-05	4.083E-07	1.692E-08	3.600E-08	6.174E-08	7.538E-08	1.731E-07	9.000E-09	2.646E-08	6.935E-08	1.048E-07	1.615E-03	1.607E-03
County	Fresno	2012	Annual	T7 tractor	60 MPH	5.208E-07	1.204E-05	2.593E-06	1.661E-08	3.600E-08	6.174E-08	5.632E-07	6.609E-07	9.000E-09	2.646E-08	5.181E-07	5.536E-07	1.586E-03	1.578E-03
County	Fresno	2012	Annual	T7 tractor construction	60 MPH	5.526E-07	1.253E-05	2.658E-06	1.661E-08	3.600E-08	6.174E-08	5.708E-07	6.685E-07	9.000E-09	2.646E-08	5.251E-07	5.606E-07	1.586E-03	1.578E-03
County	Fresno	2012	Annual	T7 utility	60 MPH	1.901E-07	1.123E-05	9.377E-07	1.659E-08	3.600E-08	6.174E-08	2.683E-07	3.660E-07	9.000E-09	2.646E-08	2.468E-07	2.823E-07	1.583E-03	1.575E-03
County	Fresno	2012	Annual	T7IS	60 MPH	6.525E-07	6.984E-06	3.621E-05	6.443E-09	8.000E-09	3.675E-08	7.059E-10	4.546E-08	2.000E-09	1.575E-08	5.868E-10	1.834E-08	5.412E-04	5.385E-04
County	Fresno	2012	Annual	UBUS	60 MPH	3.419E-07	1.631E-05	3.725E-06	1.963E-08	8.000E-09	6.095E-07	1.108E-07	7.283E-07	2.000E-09	2.612E-07	1.019E-07	3.651E-07	1.981E-03	1.971E-03

County	Fresno	2012	Annual	All Other Buses	65 MPH	3.338E-07	8.405E-06	1.162E-06	1.151E-08	1.200E-08	1.303E-07	4.196E-07	5.620E-07	3.000E-09	5.586E-08	3.861E-07	4.449E-07	1.049E-03	1.043E-03
County	Fresno	2012	Annual	LDA	65 MPH	6.312E-08	1.893E-07	1.847E-06	3.358E-09	8.000E-09	3.675E-08	2.343E-09	4.709E-08	2.000E-09	1.575E-08	2.113E-09	1.986E-08	3.626E-04	3.401E-04
County	Fresno	2012	Annual	LDT1	65 MPH	1.592E-07	5.051E-07	4.573E-06	3.900E-09	8.000E-09	3.675E-08	5.088E-09	4.984E-08	2.000E-09	1.575E-08	4.578E-09	2.233E-08	4.168E-04	3.935E-04
County	Fresno	2012	Annual	LDT2	65 MPH	8.796E-08	3.730E-07	2.619E-06	4.591E-09	8.000E-09	3.675E-08	2.573E-09	4.732E-08	2.000E-09	1.575E-08	2.312E-09	2.006E-08	4.953E-04	4.734E-04
County	Fresno	2012	Annual	LHD1	65 MPH	1.002E-07	3.174E-06	2.009E-06	7.950E-09	9.517E-09	5.180E-08	1.151E-08	7.283E-08	2.379E-09	2.220E-08	1.059E-08	3.517E-08	5.967E-04	5.937E-04
County	Fresno	2012	Annual	LHD2	65 MPH	1.029E-07	4.431E-06	1.550E-06	6.805E-09	1.047E-08	6.912E-08	1.767E-08	9.726E-08	2.617E-09	2.962E-08	1.625E-08	4.849E-08	5.687E-04	5.658E-04
County	Fresno	2012	Annual	MCY	65 MPH	4.684E-06	1.505E-06	6.723E-05	2.216E-09	8.000E-09	3.675E-08	1.765E-09	4.651E-08	2.000E-09	1.575E-08	1.392E-09	1.914E-08	1.632E-04	1.624E-04
County	Fresno	2012	Annual	MDV	65 MPH	9.320E-08	5.070E-07	2.982E-06	5.783E-09	8.000E-09	3.675E-08	2.433E-09	4.718E-08	2.000E-09	1.575E-08	2.219E-09	1.997E-08	6.244E-04	6.066E-04
County	Fresno	2012	Annual	MH	65 MPH	1.793E-07	2.841E-06	9.502E-06	7.866E-09	8.711E-09	5.339E-08	5.131E-08	1.134E-07	2.178E-09	2.288E-08	4.715E-08	7.221E-08	7.160E-04	7.124E-04
County	Fresno	2012	Annual	Motor Coach	65 MPH	3.948E-07	1.111E-05	2.081E-06	1.659E-08	1.200E-08	1.303E-07	5.432E-07	6.855E-07	3.000E-09	5.586E-08	4.998E-07	5.586E-07	1.607E-03	1.599E-03
County	Fresno	2012	Annual	OBUS	65 MPH	1.519E-07	2.334E-06	5.804E-06	6.948E-09	8.000E-09	3.675E-08	6.685E-10	4.542E-08	2.000E-09	1.575E-08	6.106E-10	1.836E-08	6.415E-04	6.383E-04
County	Fresno	2012	Annual	PTO	65 MPH	8.225E-07	1.405E-05	3.895E-06	2.044E-08	0.000E+00	0.000E+00	4.828E-07	4.828E-07	0.000E+00	0.000E+00	4.442E-07	4.442E-07	2.148E-03	2.138E-03
County	Fresno	2012	Annual	SBUS	65 MPH	4.257E-07	8.119E-06	7.843E-06	1.127E-08	1.065E-08	5.063E-07	2.043E-07	7.212E-07	2.663E-09	2.170E-07	1.879E-07	4.075E-07	9.055E-04	9.010E-04
County	Fresno	2012	Annual	T6 Ag	65 MPH	4.417E-07	8.817E-06	1.293E-06	1.156E-08	1.200E-08	1.303E-07	4.509E-07	5.932E-07	3.000E-09	5.586E-08	4.148E-07	4.737E-07	1.053E-03	1.048E-03
County	Fresno	2012	Annual	T6 CAIRP heavy	65 MPH	1.918E-07	5.830E-06	8.143E-07	1.144E-08	1.200E-08	1.303E-07	2.584E-07	4.008E-07	3.000E-09	5.586E-08	2.378E-07	2.966E-07	1.042E-03	1.037E-03
County	Fresno	2012	Annual	T6 CAIRP small	65 MPH	1.471E-07	4.365E-06	7.723E-07	1.143E-08	1.200E-08	1.303E-07	2.374E-07	3.797E-07	3.000E-09	5.586E-08	2.184E-07	2.773E-07	1.041E-03	1.036E-03
County	Fresno	2012	Annual	T6 instate construction heavy	65 MPH	3.671E-07	9.223E-06	1.109E-06	1.144E-08	1.200E-08	1.303E-07	3.843E-07	5.266E-07	3.000E-09	5.586E-08	3.536E-07	4.124E-07	1.043E-03	1.038E-03
County	Fresno	2012	Annual	T6 instate construction small	65 MPH	2.577E-07	6.753E-06	9.919E-07	1.143E-08	1.200E-08	1.303E-07	3.440E-07	4.863E-07	3.000E-09	5.586E-08	3.165E-07	3.753E-07	1.041E-03	1.036E-03
County	Fresno	2012	Annual	T6 instate heavy	65 MPH	3.589E-07	9.002E-06	1.090E-06	1.144E-08	1.200E-08	1.303E-07	3.757E-07	5.180E-07	3.000E-09	5.586E-08	3.456E-07	4.045E-07	1.042E-03	1.037E-03
County	Fresno	2012	Annual	T6 instate small	65 MPH	2.491E-07	6.511E-06	9.659E-07	1.142E-08	1.200E-08	1.303E-07	3.321E-07	4.744E-07	3.000E-09	5.586E-08	3.055E-07	3.644E-07	1.041E-03	1.035E-03
County	Fresno	2012	Annual	T6 OOS heavy	65 MPH	1.918E-07	5.830E-06	8.143E-07	1.144E-08	1.200E-08	1.303E-07	2.584E-07	4.008E-07	3.000E-09	5.586E-08	2.378E-07	2.966E-07	1.042E-03	1.037E-03
County	Fresno	2012	Annual	T6 OOS small	65 MPH	1.471E-07	4.365E-06	7.723E-07	1.143E-08	1.200E-08	1.303E-07	2.374E-07	3.797E-07	3.000E-09	5.586E-08	2.184E-07	2.773E-07	1.041E-03	1.036E-03
County	Fresno	2012	Annual	T6 Public	65 MPH	2.494E-07	8.569E-06	7.222E-07	1.152E-08	1.200E-08	1.303E-07	2.999E-07	4.423E-07	3.000E-09	5.586E-08	2.759E-07	3.348E-07	1.050E-03	1.045E-03
County	Fresno	2012	Annual	T6 utility	65 MPH	1.159E-07	6.145E-06	4.889E-07	1.143E-08	1.200E-08	1.303E-07	1.988E-07	3.411E-07	3.000E-09	5.586E-08	1.829E-07	2.417E-07	1.041E-03	1.036E-03
County	Fresno	2012	Annual	T6TS	65 MPH	2.769E-07	2.400E-06	1.117E-05	7.047E-09	8.000E-09	3.675E-08	1.664E-09	4.641E-08	2.000E-09	1.575E-08	1.449E-09	1.920E-08	6.415E-04	6.383E-04
County	Fresno	2012	Annual	T7 Ag	65 MPH	6.802E-07	1.512E-05	2.767E-06	1.675E-08	3.600E-08	6.174E-08	6.887E-07	7.864E-07	9.000E-09	2.646E-08	6.336E-07	6.690E-07	1.623E-03	1.615E-03
County	Fresno	2012	Annual	T7 CAIRP	65 MPH	3.841E-07	9.090E-06	2.578E-06	1.661E-08	3.600E-08	6.174E-08	6.036E-07	7.014E-07	9.000E-09	2.646E-08	5.553E-07	5.908E-07	1.609E-03	1.601E-03
County	Fresno	2012	Annual	T7 CAIRP construction	65 MPH	3.891E-07	9.230E-06	2.608E-06	1.661E-08	3.600E-08	6.174E-08	6.130E-07	7.107E-07	9.000E-09	2.646E-08	5.640E-07	5.994E-07	1.609E-03	1.601E-03
County	Fresno	2012	Annual	T7 NNOOS	65 MPH	2.442E-07	5.404E-06	1.812E-06	1.653E-08	3.600E-08	6.174E-08	3.535E-07	4.513E-07	9.000E-09	2.646E-08	3.253E-07	3.607E-07	1.601E-03	1.593E-03
County	Fresno	2012	Annual	T7 NOOS	65 MPH	3.760E-07	9.090E-06	2.557E-06	1.661E-08	3.600E-08	6.174E-08	5.993E-07	6.970E-07	9.000E-09	2.646E-08	5.514E-07	5.868E-07	1.609E-03	1.601E-03
County	Fresno	2012	Annual	T7 other port	65 MPH	1.924E-07	1.559E-05	1.159E-06	1.677E-08	3.600E-08	6.174E-08	3.380E-07	4.357E-07	9.000E-09	2.646E-08	3.110E-07	3.464E-07	1.625E-03	1.617E-03
County	Fresno	2012	Annual	T7 POAK	65 MPH	1.903E-07	1.668E-05	1.042E-06	1.679E-08	3.600E-08	6.174E-08	2.989E-07	3.966E-07	9.000E-09	2.646E-08	2.750E-07	3.104E-07	1.626E-03	1.618E-03
County	Fresno	2012	Annual	T7 POLA	65 MPH	2.181E-07	7.414E-06	1.861E-06	1.684E-08	3.600E-08	6.174E-08	2.310E-07	3.288E-07	9.000E-09	2.646E-08	2.126E-07	2.480E-07	1.631E-03	1.623E-03
County	Fresno	2012	Annual	T7 Public	65 MPH	4.751E-07	1.579E-05	1.877E-06	1.690E-08	3.600E-08	6.174E-08	5.568E-07	6.545E-07	9.000E-09	2.646E-08	5.123E-07	5.477E-07	1.637E-03	1.629E-03
County	Fresno	2012	Annual	T7 Single	65 MPH	3.974E-07	1.163E-05	1.615E-06	1.654E-08	3.600E-08	6.174E-08	4.045E-07	5.022E-07	9.000E-09	2.646E-08	3.721E-07	4.076E-07	1.602E-03	1.594E-03
County	Fresno	2012	Annual	T7 single construction	65 MPH	4.043E-07	1.187E-05	1.634E-06	1.654E-08	3.600E-08	6.174E-08	4.120E-07	5.098E-07	9.000E-09	2.646E-08	3.791E-07	4.145E-07	1.603E-03	1.595E-03
County	Fresno	2012	Annual	T7 SWCV	65 MPH	8.451E-08	1.324E-05	4.320E-07	1.692E-08	3.600E-08	6.174E-08	8.720E-08	1.849E-07	9.000E-09	2.646E-08	8.023E-08	1.157E-07	1.639E-03	1.630E-03
County	Fresno	2012	Annual	T7 tractor	65 MPH	5.986E-07	1.238E-05	2.763E-06	1.661E-08	3.600E-08	6.174E-08	6.599E-07	7.576E-07	9.000E-09	2.646E-08	6.071E-07	6.426E-07	1.609E-03	1.601E-03
County	Fresno	2012	Annual	T7 tractor construction	65 MPH	6.412E-07	1.288E-05	2.831E-06	1.661E-08	3.600E-08	6.174E-08	6.705E-07	7.683E-07	9.000E-09	2.646E-08	6.169E-07	6.523E-07	1.609E-03	1.601E-03
County	Fresno	2012	Annual	T7 utility	65 MPH	2.213E-07	1.154E-05	1.006E-06	1.659E-08	3.600E-08	6.174E-08	3.201E-07	4.179E-07	9.000E-09	2.646E-08	2.945E-07	3.300E-07	1.607E-03	1.599E-03
County	Fresno	2012	Annual	T7IS	65 MPH	6.635E-07	7.239E-06	4.287E-05	6.443E-09	8.000E-09	3.675E-08	7.152E-10	4.546E-08	2.000E-09	1.575E-08	5.945E-10	1.834E-08	6.415E-04	6.383E-04
County	Fresno	2012	Annual	UBUS	65 MPH	4.638E-07	1.837E-05	5.543E-06	1.963E-08	8.000E-09	6.095E-07	1.141E-07	7.316E-07	2.000E-09	2.612E-07	1.050E-07	3.682E-07	2.007E-03	1.997E-03

County	Fresno	2012	Annual	All Other Buses	70 MPH	3.901E-07	8.755E-06	1.270E-06	1.151E-08	1.200E-08	1.303E-07	4.909E-07	6.332E-07	3.000E-09	5.586E-08	4.516E-07	5.105E-07	1.078E-03	1.072E-03
County	Fresno	2012	Annual	LDA	70 MPH	6.842E-08	1.953E-07	1.929E-06	3.358E-09	8.000E-09	3.675E-08	2.531E-09	4.728E-08	2.000E-09	1.575E-08	2.282E-09	2.003E-08	3.888E-04	3.647E-04
County	Fresno	2012	Annual	LDT1	70 MPH	1.716E-07	5.281E-07	4.839E-06	3.900E-09	8.000E-09	3.675E-08	5.455E-09	5.020E-08	2.000E-09	1.575E-08	4.905E-09	2.265E-08	4.468E-04	4.218E-04
County	Fresno	2012	Annual	LDT2	70 MPH	9.507E-08	3.869E-07	2.725E-06	4.591E-09	8.000E-09	3.675E-08	2.776E-09	4.753E-08	2.000E-09	1.575E-08	2.493E-09	2.024E-08	5.310E-04	5.076E-04
County	Fresno	2012	Annual	LHD1	70 MPH	1.172E-07	3.957E-06	2.791E-06	7.950E-09	9.517E-09	5.180E-08	1.209E-08	7.341E-08	2.379E-09	2.220E-08	1.113E-08	3.571E-08	6.970E-04	6.935E-04
County	Fresno	2012	Annual	LHD2	70 MPH	1.162E-07	5.594E-06	2.053E-06	6.805E-09	1.047E-08	6.912E-08	1.794E-08	9.753E-08	2.617E-09	2.962E-08	1.650E-08	4.874E-08	6.285E-04	6.253E-04
County	Fresno	2012	Annual	MCY	70 MPH	6.251E-06	1.577E-06	9.890E-05	2.216E-09	8.000E-09	3.675E-08	2.353E-09	4.710E-08	2.000E-09	1.575E-08	1.855E-09	1.961E-08	1.909E-04	1.899E-04
County	Fresno	2012	Annual	MDV	70 MPH	1.006E-07	5.271E-07	3.078E-06	5.783E-09	8.000E-09	3.675E-08	2.624E-09	4.737E-08	2.178E-09	2.288E-08	2.393E-09	2.745E-08	6.694E-04	6.503E-04
County	Fresno	2012	Annual	MH	70 MPH	2.102E-07	3.026E-06	1.239E-05	7.866E-09	8.711E-09	5.339E-08	6.428E-08	1.264E-07	2.178E-09	2.288E-08	5.908E-08	8.414E-08	8.533E-04	8.490E-04
County	Fresno	2012	Annual	Motor Coach	70 MPH	4.588E-07	1.158E-05	2.286E-06	1.659E-08	1.200E-08	1.303E-07	6.379E-07	7.803E-07	3.000E-09	5.586E-08	5.869E-07	6.458E-07	1.651E-03	1.643E-03
County	Fresno	2012	Annual	OBUS	70 MPH	2.170E-07	2.980E-06	1.017E-05	6.948E-09	8.000E-09	3.675E-08	7.552E-10	4.550E-08	2.000E-09	1.575E-08	6.652E-10	1.842E-08	8.034E-04	7.993E-04
County	Fresno	2012	Annual	PTO	70 MPH	8.225E-07	1.405E-05	3.895E-06	2.044E-08	0.000E+00	0.000E+00	4.828E-07	4.828E-07	0.000E+00	0.000E+00	4.442E-07	4.442E-07	2.148E-03	2.138E-03
County	Fresno	2012	Annual	SBUS	70 MPH	4.257E-07	8.119E-06	7.843E-06	1.127E-08	1.065E-08	5.063E-07	2.043E-07	7.212E-07	2.663E-09	2.170E-07	1.879E-07	4.075E-07	9.055E-04	9.010E-04
County	Fresno	2012	Annual	T6 Ag	70 MPH	5.174E-07	9.173E-06	1.405E-06	1.156E-08	1.200E-08	1.303E-07	5.225E-07	6.648E-07	3.000E-09	5.586E-08	4.807E-07	5.396E-07	1.082E-03	1.077E-03
County	Fresno	2012	Annual	T6 CAIRP heavy	70 MPH	2.256E-07	6.082E-06	8.973E-07	1.144E-08	1.200E-08	1.303E-07	3.070E-07	4.493E-07	3.000E-09	5.586E-08	2.824E-07	3.413E-07	1.071E-03	1.066E-03
County	Fresno	2012	Annual	T6 CAIRP small	70 MPH	1.671E-07	4.579E-06	8.474E-07	1.143E-08	1.200E-08	1.303E-07	2.793E-07	4.216E-07	3.000E-09	5.586E-08	2.570E-07	3.158E-07	1.070E-03	1.065E-03
County	Fresno	2012	Annual	T6 instate construction heavy	70 MPH	4.575E-07	9.456E-06	1.236E-06	1.144E-08	1.200E-08	1.303E-07	4.572E-07	5.995E-07	3.000E-09	5.586E-08	4.206E-07	4.795E-07	1.072E-03	1.067E-03
County	Fresno	2012	Annual	T6 instate construction small	70 MPH	3.018E-07	6.735E-06	1.069E-06	1.143E-08	1.200E-08	1.303E-07	3.910E-07	5.333E-07	3.000E-09	5.586E-08	3.597E-07	4.186E-07	1.070E-03	1.064E-03
County	Fresno	2012	Annual	T6 instate heavy	70 MPH	4.373E-07	9.053E-06	1.202E-06	1.144E-08	1.200E-08	1.303E-07	4.416E-07	5.840E-07	3.000E-09	5.586E-08	4.063E-07	4.652E-07	1.072E-03	1.066E-03
County	Fresno	2012	Annual	T6 instate small	70 MPH	2.831E-07	6.357E-06	1.028E-06	1.142E-08	1.200E-08	1.303E-07	3.715E-07	5.138E-07	3.000E-09	5.586E-08	3.418E-07	4.006E-07	1.069E-03	1.064E-03
County	Fresno	2012	Annual	T6 OOS heavy	70 MPH	2.256E-07	6.082E-06	8.973E-07	1.144E-08	1.200E-08	1.303E-07	3.070E-07	4.493E-07	3.000E-09	5.586E-08	2.824E-07	3.413E-07	1.071E-03	1.066E-03
County	Fresno	2012	Annual	T6 OOS small	70 MPH	1.671E-07	4.579E-06	8.474E-07	1.143E-08	1.200E-08	1.303E-07	2.793E-07	4.216E-07	3.000E-09	5.586E-08	2.570E-07	3.158E-07	1.070E-03	1.065E-03
County	Fresno	2012	Annual	T6 Public	70 MPH	2.779E-07	8.797E-06	7.469E-07	1.152E-08	1.200E-08	1.303E-07	3.330E-07	4.753E-07	3.000E-09	5.586E-08	3.063E-07	3.652E-07	1.076E-03	1.071E-03
County	Fresno	2012	Annual	T6 utility	70 MPH	1.380E-07	6.389E-06	5.408E-07	1.143E-08	1.200E-08	1.303E-07	2.378E-07	3.802E-07	3.000E-09	5.586E-08	2.188E-07	2.777E-07	1.070E-03	1.065E-03
County	Fresno	2012	Annual	T6TS	70 MPH	3.230E-07	3.142E-06	1.431E-05	7.047E-09	8.000E-09	3.675E-08	1.409E-09	4.616E-08	2.000E-09	1.575E-08	1.232E-09	1.898E-08	8.034E-04	7.993E-04
County	Fresno	2012	Annual	T7 Ag	70 MPH	8.090E-07	1.570E-05	3.010E-06	1.675E-08	3.600E-08	6.174E-08	7.993E-07	8.970E-07	9.000E-09	2.646E-08	7.353E-07	7.708E-07	1.667E-03	1.659E-03
County	Fresno	2012	Annual	T7 CAIRP	70 MPH	4.237E-07	9.548E-06	2.819E-06	1.661E-08	3.600E-08	6.174E-08	7.040E-07	8.017E-07	9.000E-09	2.646E-08	6.477E-07	6.831E-07	1.653E-03	1.645E-03
County	Fresno	2012	Annual	T7 CAIRP construction	70 MPH	4.294E-07	9.677E-06	2.852E-06	1.661E-08	3.600E-08	6.174E-08	7.150E-07	8.127E-07	9.000E-09	2.646E-08	6.578E-07	6.932E-07	1.654E-03	1.645E-03
County	Fresno	2012	Annual	T7 NNOOS	70 MPH	2.615E-07	5.688E-06	1.976E-06	1.653E-08	3.600E-08	6.174E-08	4.109E-07	5.087E-07	9.000E-09	2.646E-08	3.780E-07	4.135E-07	1.646E-03	1.638E-03
County	Fresno	2012	Annual	T7 NOOS	70 MPH	4.133E-07	9.548E-06	2.795E-06	1.661E-08	3.600E-08	6.174E-08	6.985E-07	7.962E-07	9.000E-09	2.646E-08	6.426E-07	6.781E-07	1.653E-03	1.645E-03
County	Fresno	2012	Annual	T7 other port	70 MPH	1.924E-07	1.552E-05	1.159E-06	1.677E-08	3.600E-08	6.174E-08	3.380E-07	4.357E-07	9.000E-09	2.646E-08	3.110E-07	3.464E-07	1.625E-03	1.617E-03
County	Fresno	2012	Annual	T7 POAK	70 MPH	1.903E-07	1.663E-05	1.042E-06	1.679E-08	3.600E-08	6.174E-08	2.989E-07	3.966E-07	9.000E-09	2.646E-08	2.750E-07	3.104E-07	1.626E-03	1.618E-03
County	Fresno	2012	Annual	T7 POLA	70 MPH	2.228E-07	7.797E-06	2.023E-06	1.684E-08	3.600E-08	6.174E-08	2.669E-07	3.647E-07	9.000E-09	2.646E-08	2.456E-07	2.810E-07	1.676E-03	1.668E-03
County	Fresno	2012	Annual	T7 Public	70 MPH	5.209E-07	1.614E-05	1.794E-06	1.690E-08	3.600E-08	6.174E-08	5.771E-07	6.748E-07	9.000E-09	2.646E-08	5.309E-07	5.664E-07	1.670E-03	1.662E-03
County	Fresno	2012	Annual	T7 Single	70 MPH	5.912E-07	1.388E-05	1.962E-06	1.654E-08	3.600E-08	6.174E-08	5.339E-07	6.316E-07	9.000E-09	2.646E-08	4.912E-07	5.267E-07	1.646E-03	1.638E-03
County	Fresno	2012	Annual	T7 single construction	70 MPH	6.045E-07	1.424E-05	1.962E-06	1.654E-08	3.600E-08	6.174E-08	5.359E-07	6.336E-07	9.000E-09	2.646E-08	4.930E-07	5.285E-07	1.645E-03	1.637E-03
County	Fresno	2012	Annual	T7 SWCV	70 MPH	1.034E-07	1.435E-05	4.793E-07	1.692E-08	3.600E-08	6.174E-08	1.043E-07	2.021E-07	9.000E-09	2.646E-08	9.598E-08	1.314E-07	1.689E-03	1.680E-03
County	Fresno	2012	Annual	T7 tractor	70 MPH	7.913E-07	1.389E-05	3.197E-06	1.661E-08	3.600E-08	6.174E-08	8.201E-07	9.178E-07	9.000E-09	2.646E-08	7.545E-07	7.899E-07	1.655E-03	1.647E-03
County	Fresno	2012	Annual	T7 tractor construction	70 MPH	8.821E-07	1.477E-05	3.342E-06	1.661E-08	3.600E-08	6.174E-08	8.512E-07	9.489E-07	9.000E-09	2.646E-08	7.831E-07	8.186E-07	1.656E-03	1.647E-03
County	Fresno	2012	Annual	T7 utility	70 MPH	2.660E-07	1.197E-05	1.114E-06	1.659E-08	3.600E-08	6.174E-08	3.841E-07	4.818E-07	9.000E-09	2.646E-08	3.534E-07	3.888E-07	1.651E-03	1.643E-03
County	Fresno	2012	Annual	T7IS	70 MPH	1.224E-06	1.087E-05	7.552E-05	6.443E-09	8.000E-09	3.675E-08	9.580E-10	4.571E-08	2.000E-09	1.575E-08	8.203E-10	1.857E-08	8.034E-04	7.993E-04
County	Fresno	2012	Annual	UBUS	70 MPH	4.638E-07	1.837E-05	5.543E-06	1.963E-08	8.000E-09	6.095E-07	1.141E-07	7.316E-07	2.000E-09	2.612E-07	1.050E-07	3.682E-07	2.007E-03	1.997E-03

Fresno 2035 - all Model Years

g/mile

Region_Type	Region	CalYr	Season	Veh	Speed	ROG_RUNEX	NOx_RUNEX	CO_RUNEX	SOx_RUNEX	PM10_PMTW	PM10_PMBW	PM10_RUNEX	PM10_Total	PM2_5_PMTW	PM2_5_PMBW	PM2_5_RUNEX	PM2_5_Total	CO2_RUNEX	CO2(Pavley I + LCFS)_RUNEX	VMT from EMFAC-SG	%VMT Total	%VMT Subtotal
County	Fresno	2035	Annual	All Other Buses	05 MPH	1.22952692	4.00134888	2.18029942	0.01124026	0.01199994	0.13033932	0.04797034	1.90E-01	0.00299998	0.05585971	0.04413272	1.03E-01	2559.91861	2303.92675	168	0.0004%	0.2547%
County	Fresno	2035	Annual	LDA	05 MPH	0.06602446	0.1060957	1.14111392	0.00338601	0.00799996	0.03674982	0.01384691	5.86E-02	0.00199999	0.01574992	0.01284741	3.06E-02	1130.40216	672.320819	692	0.0018%	1.0485%
County	Fresno	2035	Annual	LDT1	05 MPH	0.07810603	0.12255527	1.34630921	0.00393205	0.00799996	0.03674981	0.01377999	5.85E-02	0.00199999	0.01574992	0.01278544	3.05E-02	1313.69468	799.909025	103	0.0003%	0.1554%
County	Fresno	2035	Annual	LDT2	05 MPH	0.08076048	0.13096433	1.33681066	0.00459691	0.00799996	0.03674981	0.0137648	5.85E-02	0.00199999	0.01574992	0.01277142	3.05E-02	1537.2411	1044.41103	256	0.0007%	0.3869%
County	Fresno	2035	Annual	LHD1	05 MPH	0.10120804	0.60993367	1.35731535	0.0078876	0.00951721	0.05180477	0.02059039	8.19E-02	0.0023793	0.02220204	0.01894954	4.35E-02	1756.97012	1581.27311	39,610	0.1046%	59.9787%
County	Fresno	2035	Annual	LHD2	05 MPH	0.12312532	0.85548583	1.60836159	0.00676298	0.01046927	0.06911637	0.03067623	1.10E-01	0.00261732	0.0296213	0.02822523	6.05E-02	1282.29634	1154.06671	5,737	0.0152%	8.6876%
County	Fresno	2035	Annual	MCY	05 MPH	4.71894747	1.23607848	23.8708427	0.00226497	0.00799996	0.03674981	0.00046721	4.52E-02	0.00199999	0.01574992	0.00041081	1.82E-02	266.394097	239.754687	11	0.0000%	0.0163%
County	Fresno	2035	Annual	MDV	05 MPH	0.10994176	0.17925976	1.77057442	0.00588864	0.00799996	0.03674981	0.01347311	5.82E-02	0.00199999	0.01574992	0.01250076	3.03E-02	1968.84814	1369.54239	262	0.0007%	0.3974%
County	Fresno	2035	Annual	MH	05 MPH	0.23231878	1.94592564	0.95535341	0.00769732	0.00871128	0.05339292	0.0191045	8.12E-02	0.00217782	0.02288268	0.01758267	4.26E-02	2494.99458	2245.49513	597	0.0016%	0.9046%
County	Fresno	2035	Annual	Motor Coach	05 MPH	2.35909976	5.97239817	4.71224228	0.016342	0.01199994	0.13033932	0.06969714	2.12E-01	0.00299998	0.05585971	0.06412137	1.23E-01	3956.3825	3560.74425	78	0.0002%	0.1175%
County	Fresno	2035	Annual	OBUS	05 MPH	0.08070097	0.13311506	1.19425606	0.00684466	0.00799996	0.03674982	0.00099963	4.57E-02	0.00199999	0.01574992	0.00092749	1.87E-02	2513.49723	2262.14751	301	0.0008%	0.4557%
County	Fresno	2035	Annual	PTO	05 MPH	0.26476021	2.07326531	0.81460225	0.0201976			0.04421881	4.42E-02			0.04068131	4.07E-02	2117.0832	1905.37488	0	0.0000%	0.0000%
County	Fresno	2035	Annual	SBUS	05 MPH	1.60530653	8.29989573	3.97231285	0.01062536	0.01065255	0.50629256	0.04324858	5.60E-01	0.00266314	0.21698253	0.0397933	2.59E-01	2582.42308	2324.18077	231	0.0006%	0.3500%
County	Fresno	2035	Annual	T6 Ag	05 MPH	1.19905658	3.81104068	2.12626687	0.01124201	0.01199994	0.13033932	0.04634505	1.89E-01	0.00299998	0.05585971	0.04263745	1.01E-01	2560.31628	2304.28465	232	0.0006%	0.3517%
County	Fresno	2035	Annual	T6 CAIRP heavy	05 MPH	1.04712403	3.12591843	1.85684744	0.01123962	0.01199994	0.13033932	0.03896232	1.81E-01	0.00299998	0.05585971	0.03584534	9.47E-02	2559.7714	2303.79426	12	0.0000%	0.0182%
County	Fresno	2035	Annual	T6 CAIRP small	05 MPH	0.99514067	2.87438989	1.76466622	0.01123956	0.01199994	0.13033932	0.03638559	1.79E-01	0.00299998	0.05585971	0.03347474	9.23E-02	2559.75788	2303.78209	42	0.0001%	0.0629%
County	Fresno	2035	Annual	T6 instate construction heavy	05 MPH	1.18018777	3.76674583	2.09280713	0.01123986	0.01199994	0.13033932	0.04555072	1.88E-01	0.00299998	0.05585971	0.04190666	1.01E-01	2559.828	2303.8452	376	0.0010%	0.5698%
County	Fresno	2035	Annual	T6 instate construction small	05 MPH	1.07513428	3.26155072	1.90651755	0.01123963	0.01199994	0.13033932	0.04035238	1.83E-01	0.00299998	0.05585971	0.03712419	9.60E-02	2559.77381	2303.79643	1,030	0.0027%	1.5594%
County	Fresno	2035	Annual	T6 instate heavy	05 MPH	1.1821418	3.77586739	2.09627217	0.01123988	0.01199994	0.13033932	0.04564637	1.88E-01	0.00299998	0.05585971	0.04199466	1.01E-01	2559.83212	2303.84891	884	0.0023%	1.3383%
County	Fresno	2035	Annual	T6 instate small	05 MPH	1.07582172	3.26478422	1.90773657	0.01123963	0.01199994	0.13033932	0.04038612	1.83E-01	0.00299998	0.05585971	0.03715523	9.60E-02	2559.77498	2303.79749	2,409	0.0064%	3.6474%
County	Fresno	2035	Annual	T6 OOS heavy	05 MPH	1.04712403	3.12591843	1.85684744	0.01123962	0.01199994	0.13033932	0.03896232	1.81E-01	0.00299998	0.05585971	0.03584534	9.47E-02	2559.7714	2303.79426	7	0.0000%	0.0104%
County	Fresno	2035	Annual	T6 OOS small	05 MPH	0.99514067	2.87438989	1.76466622	0.01123956	0.01199994	0.13033932	0.03638559	1.79E-01	0.00299998	0.05585971	0.03347474	9.23E-02	2559.75788	2303.78209	24	0.0001%	0.0361%
County	Fresno	2035	Annual	T6 Public	05 MPH	0.89076353	3.80009224	1.57051696	0.0112677	0.01199994	0.13033932	0.0379467	1.80E-01	0.00299998	0.05585971	0.03491096	9.38E-02	2566.16635	2309.54972	97	0.0003%	0.1469%
County	Fresno	2035	Annual	T6 utility	05 MPH	0.83825816	2.11275197	1.4864691	0.01123959	0.01199994	0.13033932	0.02859536	1.71E-01	0.00299998	0.05585971	0.02630773	8.52E-02	2559.76546	2303.78891	25	0.0001%	0.0383%
County	Fresno	2035	Annual	T6TS	05 MPH	0.0689906	0.12093329	1.03686756	0.00684391	0.00799996	0.03674981	0.00101042	4.58E-02	0.00199999	0.01574992	0.0009375	1.87E-02	2513.49722	2262.1475	974	0.0026%	1.4741%
County	Fresno	2035	Annual	T7 Ag	05 MPH	2.49729836	6.45902798	4.98695716	0.01634453	0.03599981	0.06173968	0.07467411	1.72E-01	0.00899995	0.02645986	0.06870018	1.04E-01	3956.99514	3561.29563	215	0.0006%	0.3253%
County	Fresno	2035	Annual	T7 CAIRP	05 MPH	2.57282081	6.82696624	5.14266925	0.01634186	0.03599981	0.06173968	0.07812684	1.76E-01	0.00899995	0.02645986	0.07187669	1.07E-01	3956.34919	3560.71427	2,407	0.0064%	3.6445%
County	Fresno	2035	Annual	T7 CAIRP construction	05 MPH	2.57297047	6.82757708	5.1429713	0.01634186	0.03599981	0.06173968	0.07813282	1.76E-01	0.00899995	0.02645986	0.0718822	1.07E-01	3956.34906	3560.71416	99	0.0003%	0.1496%
County	Fresno	2035	Annual	T7 NNOOS	05 MPH	2.23378394	5.47610204	4.46021361	0.01634185	0.03599981	0.06173968	0.06480075	1.63E-01	0.00899995	0.02645986	0.05961669	9.51E-02	3956.34578	3560.7112	2,708	0.0072%	4.0999%
County	Fresno	2035	Annual	T7 NOOS	05 MPH	2.57282114	6.82696538	5.14267002	0.01634186	0.03599981	0.06173968	0.07812686	1.76E-01	0.00899995	0.02645986	0.07187671	1.07E-01	3956.34917	3560.71425	877	0.0023%	1.3272%
County	Fresno	2035	Annual	T7 other port	05 MPH	3.09582926	8.91159315	6.19551386	0.01634184	0.03599981	0.06173968	0.098693	1.96E-01	0.00899995	0.02645986	0.09079756	1.26E-01	3956.3436	3560.70924	39	0.0001%	0.0592%
County	Fresno	2035	Annual	T7 POAK	05 MPH	3.09582926	8.91159315	6.19551386	0.01634184	0.03599981	0.06173968	0.098693	1.96E-01	0.00899995	0.02645986	0.09079756	1.26E-01	3956.3436	3560.70924	243	0.0006%	0.3682%
County	Fresno	2035	Annual	T7 POLA	05 MPH	3.09582926	8.91159315	6.19551386	0.01634184	0.03599981	0.06173968	0.098693	1.96E-01	0.00899995	0.02645986	0.09079756	1.26E-01	3956.3436	3560.70924	399	0.0011%	0.6036%
County	Fresno	2035	Annual	T7 Public	05 MPH	1.71949768	11.2591031	3.34006974	0.01645062	0.03599981	0.06173968	0.09543547	1.93E-01	0.00899995	0.02645986	0.08780063	1.23E-01	3982.67971	3584.41174	31	0.0001%	0.0463%
County	Fresno	2035	Annual	T7 Single	05 MPH	2.02922207	4.65876703	4.04829399	0.01634198	0.03599981	0.06173968	0.0567404	1.54E-01	0.00899995	0.02645986	0.05220117	8.77E-02	3956.3771	3560.73939	221	0.0006%	0.3351%
County	Fresno	2035	Annual	T7 single construction	05 MPH	2.02976476	4.66095791	4.04938927	0.01634198	0.03599981	0.06173968	0.05676211	1.55E-01	0.00899995	0.02645986	0.05222114	8.77E-02	3956.37648	3560.73883	256	0.0007%	0.3869%
County	Fresno	2035	Annual	T7 SWCV	05 MPH	1.92138959	5.01340784	3.82238188	0.01635885	0.03599981	0.06173968	0.05513141	1.53E-01	0.00899995	0.02645986	0.0507209	8.62E-02	3960.46088	3564.41479	63	0.0002%	0.0961%
County	Fresno	2035	Annual	T7 tractor	05 MPH	2.58453921	6.86423762	5.16562587	0.01634228	0.03599981	0.06173968	0.0785045	1.76E-01	0.00899995	0.02645986	0.07222414	1.08E-01	3956.44992	3560.80493	3,421	0.0090%	5.1801%
County	Fresno	2035	Annual	T7 tractor construction	05 MPH	2.59008293	6.88574349	5.17675518	0.0163423	0.03599981	0.06173968	0.07871849	1.76E-01	0.00899995	0.02645986	0.07242101	1.08E-01	3956.45472	3560.80925	191	0.0005%	0.2885%
County	Fresno	2035	Annual	T7 utility	05 MPH	1.69226874	3.32223444	3.37008004	0.01634206	0.03599981	0.06173968	0.04350267	1.41E-01	0.00899995	0.02645986	0.04002245	7.55E-02	3956.39605	3560.75645	6	0.0000%	0.0083%
County	Fresno	2035	Annual	T7IS	05 MPH	2.54764727	3.55986405	123.914134	0.00626109	0.00799996	0.03674982	0.00094648	4.57E-02	0.00199999	0.01574992	0.00087818	1.86E-02	2513.49743	2262.14768	47	0.0001%	0.0713%
County	Fresno	2035	Annual	UBUS	05 MPH	0.99705967	8.83555295	9.58885139	0.01779091	0.00799996	0.60947975	0.27867378	8.96E-01	0.00199999	0.26120559	0.25638408	5.20E-01	2361.33905	2125.20514	662	0.0017%	1.0030%
																				66,041	0.17%	100%

County	Fresno	2035 Annual	All Other Buses	10 MPH	0.71526034	3.00828094	1.35831777	0.01124026	0.01199994	0.13033932	0.04399576	1.86E-01	0.00299998	0.05585971	0.0404761	9.93E-02	2114.69283	1903.22355	837	0.0022%	0.3004%
County	Fresno	2035 Annual	LDA	10 MPH	0.04117299	0.09322775	1.02554499	0.00338601	0.00799996	0.03674982	0.0087204	5.35E-02	0.00199999	0.01574992	0.00809089	2.58E-02	833.321241	495.631207	35,734	0.0944%	12.8242%
County	Fresno	2035 Annual	LDT1	10 MPH	0.04895849	0.10728885	1.20733296	0.00393205	0.00799996	0.03674981	0.00868256	5.34E-02	0.00199999	0.01574992	0.00805589	2.58E-02	968.527198	589.740501	5,297	0.0140%	1.9009%
County	Fresno	2035 Annual	LDT2	10 MPH	0.05043402	0.11482035	1.20103226	0.00459691	0.00799996	0.03674981	0.00866497	5.34E-02	0.00199999	0.01574992	0.00803963	2.58E-02	1133.21392	769.914658	13,187	0.0348%	4.7325%
County	Fresno	2035 Annual	LHD1	10 MPH	0.08716522	0.56002099	1.11362671	0.0078876	0.00951721	0.05180477	0.01812992	7.95E-02	0.0023793	0.02220204	0.01668467	4.13E-02	1460.67466	1314.60719	111,097	0.2935%	39.8707%
County	Fresno	2035 Annual	LHD2	10 MPH	0.1077417	0.77888477	1.32466549	0.00676298	0.01046927	0.06911637	0.02707455	1.07E-01	0.00261732	0.0296213	0.02491108	5.71E-02	1099.62262	989.660359	17,019	0.0450%	6.1079%
County	Fresno	2035 Annual	MCY	10 MPH	4.09246588	1.21771075	22.0849993	0.00226497	0.00799996	0.03674981	0.00040199	4.52E-02	0.00199999	0.01574992	0.00035294	1.81E-02	242.30076	218.070684	555	0.0015%	0.1991%
County	Fresno	2035 Annual	MDV	10 MPH	0.06900518	0.15622371	1.58852683	0.00588864	0.00799996	0.03674981	0.00848694	5.32E-02	0.00199999	0.01574992	0.00787442	2.56E-02	1451.47655	1009.66243	13,543	0.0358%	4.8604%
County	Fresno	2035 Annual	MH	10 MPH	0.17706666	1.68732746	0.76726706	0.00769732	0.00871128	0.05339292	0.01654536	7.86E-02	0.00217782	0.02288268	0.01522699	4.03E-02	2063.09806	1856.78826	2,998	0.0079%	1.0760%
County	Fresno	2035 Annual	Motor Coach	10 MPH	1.37237377	4.49014872	2.935708	0.016342	0.01199994	0.13033932	0.06392239	2.06E-01	0.00299998	0.05585971	0.0588086	1.18E-01	3268.28113	2941.45302	296	0.0008%	0.1064%
County	Fresno	2035 Annual	OBUS	10 MPH	0.06499592	0.13659197	0.96701596	0.00684466	0.00799996	0.03674982	0.00080498	4.56E-02	0.00199999	0.01574992	0.00074689	1.85E-02	2036.12852	1832.51567	1,513	0.0040%	0.5429%
County	Fresno	2035 Annual	PTO	10 MPH	0.26476021	2.07326531	0.81460225	0.0201976			0.04421881	4.42E-02			0.04068131	4.07E-02	2117.0832	1905.37488	0	0.0000%	0.0000%
County	Fresno	2035 Annual	SBUS	10 MPH	0.9547179	6.27028724	2.71813148	0.01062536	0.01065255	0.50629256	0.03959951	5.57E-01	0.00266314	0.21698253	0.03643525	2.56E-01	2119.73636	1907.76272	810	0.0021%	0.2907%
County	Fresno	2035 Annual	T6 Ag	10 MPH	0.69753464	2.86520405	1.32465571	0.01124201	0.01199994	0.13033932	0.04250513	1.85E-01	0.00299998	0.05585971	0.03910472	9.80E-02	2115.02133	1903.5192	1,156	0.0031%	0.4149%
County	Fresno	2035 Annual	T6 CAIRP heavy	10 MPH	0.60914997	2.3501177	1.15680849	0.01123962	0.01199994	0.13033932	0.0357341	1.78E-01	0.00299998	0.05585971	0.03287537	9.17E-02	2114.57122	1903.1141	60	0.0002%	0.0214%
County	Fresno	2035 Annual	T6 CAIRP small	10 MPH	0.57890937	2.16101434	1.09937996	0.01123956	0.01199994	0.13033932	0.03337086	1.76E-01	0.00299998	0.05585971	0.03070119	8.96E-02	2114.56005	1903.10405	207	0.0005%	0.0742%
County	Fresno	2035 Annual	T6 instate construction heavy	10 MPH	0.68655797	2.83190245	1.30381043	0.01123986	0.01199994	0.13033932	0.04177662	1.84E-01	0.00299998	0.05585971	0.03843449	9.73E-02	2114.61798	1903.15618	1,873	0.0049%	0.6723%
County	Fresno	2035 Annual	T6 instate construction small	10 MPH	0.62544455	2.45208832	1.18775277	0.01123963	0.01199994	0.13033932	0.03700898	1.79E-01	0.00299998	0.05585971	0.03404826	9.29E-02	2114.57321	1903.11589	5,126	0.0135%	1.8397%
County	Fresno	2035 Annual	T6 instate heavy	10 MPH	0.6876947	2.83876019	1.30596914	0.01123988	0.01199994	0.13033932	0.04186434	1.84E-01	0.00299998	0.05585971	0.03851519	9.74E-02	2114.62138	1903.15924	4,399	0.0116%	1.5788%
County	Fresno	2035 Annual	T6 instate small	10 MPH	0.62584446	2.45451932	1.18851222	0.01123963	0.01199994	0.13033932	0.03703993	1.79E-01	0.00299998	0.05585971	0.03407673	9.29E-02	2114.57418	1903.11676	11,990	0.0317%	4.3029%
County	Fresno	2035 Annual	T6 OOS heavy	10 MPH	0.60914997	2.3501177	1.15680849	0.01123962	0.01199994	0.13033932	0.0357341	1.78E-01	0.00299998	0.05585971	0.03287537	9.17E-02	2114.57122	1903.1141	34	0.0001%	0.0123%
County	Fresno	2035 Annual	T6 OOS small	10 MPH	0.57890937	2.16101434	1.09937996	0.01123956	0.01199994	0.13033932	0.03337086	1.76E-01	0.00299998	0.05585971	0.03070119	8.96E-02	2114.56005	1903.10405	119	0.0003%	0.0426%
County	Fresno	2035 Annual	T6 Public	10 MPH	0.51828861	2.78964322	0.9813248	0.0112677	0.01199994	0.13033932	0.03309788	1.75E-01	0.00299998	0.05585971	0.03045005	8.93E-02	2119.85395	1907.86856	483	0.0013%	0.1733%
County	Fresno	2035 Annual	T6 utility	10 MPH	0.48764513	1.58840223	0.92606427	0.01123959	0.01199994	0.13033932	0.02622609	1.69E-01	0.00299998	0.05585971	0.024128	8.30E-02	2114.56631	1903.10968	126	0.0003%	0.0452%
County	Fresno	2035 Annual	T6TS	10 MPH	0.05555659	0.124092	0.83957491	0.00684391	0.00799996	0.03674981	0.00081367	4.56E-02	0.00199999	0.01574992	0.00075495	1.85E-02	2036.12822	1832.5154	4,894	0.0129%	1.7563%
County	Fresno	2035 Annual	T7 Ag	10 MPH	1.4527689	4.85600514	3.10685426	0.01634453	0.03599981	0.06173968	0.06848699	1.66E-01	0.00899995	0.02645986	0.06300803	9.85E-02	3268.78722	2941.9085	821	0.0022%	0.2946%
County	Fresno	2035 Annual	T7 CAIRP	10 MPH	1.49670304	5.13262728	3.20386227	0.01634186	0.03599981	0.06173968	0.07165364	1.69E-01	0.00899995	0.02645986	0.06592135	1.01E-01	3268.25361	2941.42825	9,194	0.0243%	3.2996%
County	Fresno	2035 Annual	T7 CAIRP construction	10 MPH	1.49679011	5.13308652	3.20405044	0.01634186	0.03599981	0.06173968	0.07165913	1.69E-01	0.00899995	0.02645986	0.0659264	1.01E-01	3268.25351	2941.42816	377	0.0010%	0.1354%
County	Fresno	2035 Annual	T7 NNOOS	10 MPH	1.29947302	4.117025	2.77869515	0.01634185	0.03599981	0.06173968	0.05943168	1.57E-01	0.00899995	0.02645986	0.05467715	9.01E-02	3268.2508	2941.42572	10,343	0.0273%	3.7119%
County	Fresno	2035 Annual	T7 NOOS	10 MPH	1.49670324	5.13262663	3.20386275	0.01634186	0.03599981	0.06173968	0.07165366	1.69E-01	0.00899995	0.02645986	0.06592137	1.01E-01	3268.2536	2941.42824	3,348	0.0088%	1.2016%
County	Fresno	2035 Annual	T7 other port	10 MPH	1.800956	6.69988461	3.85978023	0.01634184	0.03599981	0.06173968	0.09051579	1.88E-01	0.00899995	0.02645986	0.08327453	1.19E-01	3268.249	2941.4241	149	0.0004%	0.0536%
County	Fresno	2035 Annual	T7 POAK	10 MPH	1.800956	6.69988461	3.85978023	0.01634184	0.03599981	0.06173968	0.09051579	1.88E-01	0.00899995	0.02645986	0.08327453	1.19E-01	3268.249	2941.4241	929	0.0025%	0.3334%
County	Fresno	2035 Annual	T7 POLA	10 MPH	1.800956	6.69988461	3.85978023	0.01634184	0.03599981	0.06173968	0.09051579	1.88E-01	0.00899995	0.02645986	0.08327453	1.19E-01	3268.249	2941.4241	1,523	0.0040%	0.5465%
County	Fresno	2035 Annual	T7 Public	10 MPH	1.00115516	7.89551511	2.1096081	0.01645062	0.03599981	0.06173968	0.0743559	1.72E-01	0.00899995	0.02645986	0.06840742	1.04E-01	3290.00468	2961.00421	117	0.0003%	0.0419%
County	Fresno	2035 Annual	T7 Single	10 MPH	1.18047197	3.50253889	2.52207088	0.01634198	0.03599981	0.06173968	0.05203917	1.50E-01	0.00899995	0.02645986	0.04787604	8.33E-02	3268.27667	2941.44901	845	0.0022%	0.3034%
County	Fresno	2035 Annual	T7 single construction	10 MPH	1.18078767	3.50418603	2.52275324	0.01634198	0.03599981	0.06173968	0.05205908	1.50E-01	0.00899995	0.02645986	0.04789436	8.34E-02	3268.27616	2941.44854	976	0.0026%	0.3503%
County	Fresno	2035 Annual	T7 SWCV	10 MPH	1.11781389	3.73475079	2.38372104	0.01635885	0.03599981	0.06173968	0.0497548	1.47E-01	0.00899995	0.02645986	0.04577441	8.12E-02	3271.65019	2944.48517	242	0.0006%	0.0870%
County	Fresno	2035 Annual	T7 tractor	10 MPH	1.50352006	5.16064852	3.21816415	0.01634228	0.03599981	0.06173968	0.07200001	1.70E-01	0.00899995	0.02645986	0.06624001	1.02E-01	3268.33683	2941.50315	13,068	0.0345%	4.6900%
County	Fresno	2035 Annual	T7 tractor construction	10 MPH	1.50674505	5.17681699	3.22509767	0.0163423	0.03599981	0.06173968	0.07219627	1.70E-01	0.00899995	0.02645986	0.06642057	1.02E-01	3268.34079	2941.50671	728	0.0019%	0.2612%
County	Fresno	2035 Annual	T7 utility	10 MPH	0.98445401	2.49771135	2.09954632	0.01634206	0.03599981	0.06173968	0.03989826	1.38E-01	0.00899995	0.02645986	0.0367064	7.22E-02	3268.29233	2941.4631	21	0.0001%	0.0076%
County	Fresno	2035 Annual	T7IS	10 MPH	2.07172027	3.62883972	100.613337	0.00626109	0.00799996	0.03674982	0.00076218	4.55E-02	0.00199999	0.01574992	0.00070718	1.85E-02	2036.12818	1832.51536	230	0.0006%	0.0826%
County	Fresno	2035 Annual	UBUS	10 MPH	0.82647013	7.75740581	7.67516929	0.01779091	0.00799996	0.60947975	0.23629233	8.54E-01	0.00199999	0.26120559	0.21739233	4.81E-01	2223.57405	2001.21664	2,378	0.0063%	0.8533%
																			278,644	0.74%	100%

County	Fresno	2035 Annual	All Other Buses	15 MPH	0.36346069	2.26333317	0.78800506	0.01124026	0.01199994	0.13033932	0.0401534	1.82E-01	0.00299998	0.05585971	0.03694112	9.58E-02	1736.34612	1562.71151	1,130	0.0030%	0.2603%
County	Fresno	2035 Annual	LDA	15 MPH	0.02765301	0.08176556	0.95007494	0.00338601	0.00799996	0.03674982	0.00579146	5.05E-02	0.00199999	0.01574992	0.00537336	2.31E-02	645.812671	384.107516	21,298	0.0563%	4.9060%
County	Fresno	2035 Annual	LDT1	15 MPH	0.03302576	0.0938061	1.11553243	0.00393205	0.00799996	0.03674981	0.00577005	5.05E-02	0.00199999	0.01574992	0.00535359	2.31E-02	750.35971	456.892768	3,157	0.0083%	0.7272%
County	Fresno	2035 Annual	LDT2	15 MPH	0.03390909	0.10051331	1.11158419	0.00459691	0.00799996	0.03674981	0.0057539	5.05E-02	0.00199999	0.01574992	0.00533864	2.31E-02	877.943487	596.480393	7,860	0.0208%	1.8105%
County	Fresno	2035 Annual	LHD1	15 MPH	0.06629085	0.48603775	0.77797943	0.0078876	0.00951721	0.05180477	0.01430865	7.56E-02	0.0023793	0.02220204	0.01316739	3.77E-02	1061.14096	955.026868	248,952	0.6576%	57.3465%
County	Fresno	2035 Annual	LHD2	15 MPH	0.0841765	0.66452488	0.93086855	0.00676298	0.01046927	0.06911637	0.02145039	1.01E-01	0.00261732	0.0296213	0.01973603	5.20E-02	853.299913	767.969922	37,693	0.0996%	8.6826%
County	Fresno	2035 Annual	MCY	15 MPH	3.16881855	1.1625839	19.0763966	0.00226497	0.00799996	0.03674981	0.00030945	4.51E-02	0.00199999	0.01574992	0.00027092	1.80E-02	205.030744	184.52767	331	0.0009%	0.0762%
County	Fresno	2035 Annual	MDV	15 MPH	0.046602	0.13612172	1.46823314	0.00588864	0.00799996	0.03674981	0.00563896	5.04E-02	0.00199999	0.01574992	0.00523198	2.30E-02	1124.45878	782.179757	8,072	0.0213%	1.8594%
County	Fresno	2035 Annual	MH	15 MPH	0.09594188	1.2797175	0.5035807	0.00769732	0.00871128	0.05339292	0.01235686	7.45E-02	0.00217782	0.02288268	0.01137183	3.64E-02	1464.26056	1317.8345	3,830	0.0101%	0.8824%
County	Fresno	2035 Annual	Motor Coach	15 MPH	0.69737392	3.3782425	1.70310129	0.016342	0.01199994	0.13033932	0.05833973	2.01E-01	0.00299998	0.05585971	0.05367256	1.13E-01	2683.54212	2415.18791	363	0.0010%	0.0835%
County	Fresno	2035 Annual	OBUS	15 MPH	0.04367412	0.14240021	0.6635853	0.00684466	0.00799996	0.03674982	0.00053852	4.53E-02	0.00199999	0.01574992	0.00049966	1.82E-02	1392.42968	1253.18671	1,911	0.0050%	0.4402%
County	Fresno	2035 Annual	PTO	15 MPH	0.26476021	2.07326531	0.81460225	0.0201976			0.04421881	4.42E-02			0.04068131	4.07E-02	2117.0832	1905.37488	0	0.0000%	0.0000%
County	Fresno	2035 Annual	SBUS	15 MPH	0.49713891	4.75166561	1.68545422	0.01062536	0.01065255	0.50629256	0.03602581	5.53E-01	0.00266314	0.21698253	0.03314623	2.53E-01	1646.36939	1481.73245	1,620	0.0043%	0.3732%
County	Fresno	2035 Annual	T6 Ag	15 MPH	0.35445334	2.15568675	0.76847658	0.01124201	0.01199994	0.13033932	0.03879295	1.81E-01	0.00299998	0.05585971	0.03568951	9.45E-02	1736.61585	1562.95427	1,560	0.0041%	0.3594%
County	Fresno	2035 Annual	T6 CAIRP heavy	15 MPH	0.30954053	1.76815246	0.67110286	0.01123962	0.01199994	0.13033932	0.03261327	1.75E-01	0.00299998	0.05585971	0.0300042	8.89E-02	1736.24627	1562.62164	81	0.0002%	0.0186%
County	Fresno	2035 Annual	T6 CAIRP small	15 MPH	0.29417372	1.62587722	0.63778667	0.01123956	0.01199994	0.13033932	0.03045642	1.73E-01	0.00299998	0.05585971	0.0280199	8.69E-02	1736.2371	1562.61339	279	0.0007%	0.0643%
County	Fresno	2035 Annual	T6 instate construction heavy	15 MPH	0.34887553	2.1306317	0.75638355	0.01123986	0.01199994	0.13033932	0.03812806	1.80E-01	0.00299998	0.05585971	0.03507782	9.39E-02	1736.28466	1562.6562	2,528	0.0067%	0.5824%
County	Fresno	2035 Annual	T6 instate construction small	15 MPH	0.31782065	1.84487185	0.68905466	0.01123963	0.01199994	0.13033932	0.03377681	1.76E-01	0.00299998	0.05585971	0.03107466	8.99E-02	1736.24791	1562.62312	6,919	0.0183%	1.5937%
County	Fresno	2035 Annual	T6 instate heavy	15 MPH	0.34945316	2.13579125	0.75763588	0.01123988	0.01199994	0.13033932	0.03820812	1.81E-01	0.00299998	0.05585971	0.03515147	9.40E-02	1736.28746	1562.65871	5,937	0.0157%	1.3677%
County	Fresno	2035 Annual	T6 instate small	15 MPH	0.31802386	1.84670086	0.68949524	0.01123963	0.01199994	0.13033932	0.03380505	1.76E-01	0.00299998	0.05585971	0.03110065	9.00E-02	1736.2487	1562.62383	16,182	0.0427%	3.7276%
County	Fresno	2035 Annual	T6 OOS heavy	15 MPH	0.30954053	1.76815246	0.67110286	0.01123962	0.01199994	0.13033932	0.03261327	1.75E-01	0.00299998	0.05585971	0.0300042	8.89E-02	1736.24627	1562.62164	46	0.0001%	0.0107%
County	Fresno	2035 Annual	T6 OOS small	15 MPH	0.29417372	1.62587722	0.63778667	0.01123956	0.01199994	0.13033932	0.03045642	1.73E-01	0.00299998	0.05585971	0.0280199	8.69E-02	1736.2371	1562.61339	160	0.0004%	0.0369%
County	Fresno	2035 Annual	T6 Public	15 MPH	0.2633582	2.05572988	0.57186975	0.0112677	0.01199994	0.13033932	0.02888816	1.71E-01	0.00299998	0.05585971	0.02657711	8.54E-02	1740.58385	1566.52547	652	0.0017%	0.1501%
County	Fresno	2035 Annual	T6 utility	15 MPH	0.24779765	1.19506241	0.53724051	0.01123959	0.01199994	0.13033932	0.02393564	1.66E-01	0.00299998	0.05585971	0.02202079	8.09E-02	1736.24224	1562.61802	170	0.0004%	0.0391%
County	Fresno	2035 Annual	T6TS	15 MPH	0.03732316	0.12936873	0.57613276	0.00684391	0.00799996	0.03674981	0.00054433	4.53E-02	0.00199999	0.01574992	0.00050505	1.83E-02	1392.42958	1253.18662	6,182	0.0163%	1.4240%
County	Fresno	2035 Annual	T7 Ag	15 MPH	0.73822684	3.65350103	1.80238889	0.01634453	0.03599981	0.06173968	0.06250568	1.60E-01	0.00899995	0.02645986	0.05750523	9.30E-02	2683.95766	2415.5619	1,004	0.0027%	0.2312%
County	Fresno	2035 Annual	T7 CAIRP	15 MPH	0.76055204	3.86162257	1.85866645	0.01634186	0.03599981	0.06173968	0.06539578	1.63E-01	0.00899995	0.02645986	0.06016411	9.56E-02	2683.51952	2415.16757	11,245	0.0297%	2.5902%
County	Fresno	2035 Annual	T7 CAIRP construction	15 MPH	0.76059629	3.86196808	1.85877561	0.01634186	0.03599981	0.06173968	0.06540079	1.63E-01	0.00899995	0.02645986	0.06016872	9.56E-02	2683.51944	2415.1675	461	0.0012%	0.1063%
County	Fresno	2035 Annual	T7 NNOOS	15 MPH	0.66032929	3.0975163	1.61201294	0.01634185	0.03599981	0.06173968	0.05424122	1.52E-01	0.00899995	0.02645986	0.04990193	8.54E-02	2683.51721	2415.16549	12,650	0.0334%	2.9139%
County	Fresno	2035 Annual	T7 NOOS	15 MPH	0.76055214	3.86162208	1.85866673	0.01634186	0.03599981	0.06173968	0.0653958	1.63E-01	0.00899995	0.02645986	0.06016413	9.56E-02	2683.51951	2415.16756	4,095	0.0108%	0.9433%
County	Fresno	2035 Annual	T7 other port	15 MPH	0.91515867	5.04077624	2.23918615	0.01634184	0.03599981	0.06173968	0.0826106	1.80E-01	0.00899995	0.02645986	0.07600176	1.11E-01	2683.51574	2415.16416	183	0.0005%	0.0421%
County	Fresno	2035 Annual	T7 POAK	15 MPH	0.91515867	5.04077624	2.23918615	0.01634184	0.03599981	0.06173968	0.0826106	1.80E-01	0.00899995	0.02645986	0.07600176	1.11E-01	2683.51574	2415.16416	1,136	0.0030%	0.2617%
County	Fresno	2035 Annual	T7 POLA	15 MPH	0.91515867	5.04077624	2.23918615	0.01634184	0.03599981	0.06173968	0.0826106	1.80E-01	0.00899995	0.02645986	0.07600176	1.11E-01	2683.51574	2415.16416	1,862	0.0049%	0.4290%
County	Fresno	2035 Annual	T7 Public	15 MPH	0.50864319	5.57586064	1.24935517	0.01645062	0.03599981	0.06173968	0.05766943	1.55E-01	0.00899995	0.02645986	0.05305588	8.85E-02	2701.37904	2431.24113	143	0.0004%	0.0329%
County	Fresno	2035 Annual	T7 Single	15 MPH	0.59985872	2.63519684	1.46313672	0.01634198	0.03599981	0.06173968	0.04749434	1.45E-01	0.00899995	0.02645986	0.04369479	7.92E-02	2683.53846	2415.18461	1,034	0.0027%	0.2382%
County	Fresno	2035 Annual	T7 single construction	15 MPH	0.60001914	2.6364361	1.46353257	0.01634198	0.03599981	0.06173968	0.04751251	1.45E-01	0.00899995	0.02645986	0.04371151	7.92E-02	2683.53804	2415.18423	1,194	0.0032%	0.2750%
County	Fresno	2035 Annual	T7 SWCV	15 MPH	0.56801094	2.78787287	1.38499698	0.01635885	0.03599981	0.06173968	0.0447837	1.43E-01	0.00899995	0.02645986	0.041201	7.67E-02	2686.30841	2417.67757	296	0.0008%	0.0683%
County	Fresno	2035 Annual	T7 tractor	15 MPH	0.76401612	3.88270484	1.86696344	0.01634228	0.03599981	0.06173968	0.0657119	1.63E-01	0.00899995	0.02645986	0.06045495	9.59E-02	2683.58785	2415.22907	15,983	0.0422%	3.6816%
County	Fresno	2035 Annual	T7 tractor construction	15 MPH	0.7656549	3.89486948	1.8709858	0.0163423	0.03599981	0.06173968	0.06589102	1.64E-01	0.00899995	0.02645986	0.06061974	9.61E-02	2683.59111	2415.232	890	0.0024%	0.2050%
County	Fresno	2035 Annual	T7 utility	15 MPH	0.50025188	1.87919714	1.21801625	0.01634206	0.03599981	0.06173968	0.03641375	1.34E-01	0.00899995	0.02645986	0.03350065	6.90E-02	2683.55131	2415.19618	26	0.0001%	0.0059%
County	Fresno	2035 Annual	T7IS	15 MPH	1.38112424	3.80227339	68.8805587	0.00626109	0.00799996	0.03674982	0.00050988	4.53E-02	0.00199999	0.01574992	0.00047309	1.82E-02	1392.42954	1253.18658	251	0.0007%	0.0578%
County	Fresno	2035 Annual	UBUS	15 MPH	0.58527448	6.21979287	5.13524223	0.01779091	0.00799996	0.60947975	0.17440807	7.92E-01	0.00199999	0.26120559	0.16045771	4.24E-01	2037.80742	1834.02668	4,755	0.0126%	1.0954%
																			434,119	1.15%	100%

County	Fresno	2035 Annual	All Other Buses	20 MPH	0.15625907	1.71074816	0.42727406	0.01124026	0.01199994	0.13033932	0.03606108	1.78E-01	0.00299998	0.05585971	0.0331762	9.20E-02	1369.80438	1232.82394	1,198	0.0032%	0.0581%
County	Fresno	2035 Annual	LDA	20 MPH	0.01923451	0.07315777	0.85901006	0.00338601	0.00799996	0.03674982	0.00405778	4.88E-02	0.00199999	0.01574992	0.00376483	2.15E-02	513.930722	305.669844	810,658	2.1413%	39.2757%
County	Fresno	2035 Annual	LDT1	20 MPH	0.02304152	0.08376362	1.00733535	0.00393205	0.00799996	0.03674981	0.00404495	4.88E-02	0.00199999	0.01574992	0.00375299	2.15E-02	597.171257	363.618287	120,162	0.3174%	5.8218%
County	Fresno	2035 Annual	LDT2	20 MPH	0.02360952	0.08982458	1.00488842	0.00459691	0.00799996	0.03674981	0.00403071	4.88E-02	0.00199999	0.01574992	0.00373981	2.15E-02	698.664748	474.678198	299,160	0.7902%	14.4940%
County	Fresno	2035 Annual	LHD1	20 MPH	0.05196793	0.43656711	0.56998598	0.0078876	0.00951721	0.05180477	0.01155995	7.29E-02	0.0023793	0.02220204	0.01063755	3.52E-02	821.332568	739.199311	283,026	0.7476%	13.7124%
County	Fresno	2035 Annual	LHD2	20 MPH	0.06745972	0.58668527	0.68516265	0.00676298	0.01046927	0.06911637	0.01738043	9.70E-02	0.00261732	0.0296213	0.01599116	4.82E-02	705.452018	634.906817	42,332	0.1118%	2.0509%
County	Fresno	2035 Annual	MCY	20 MPH	2.589213	1.135271	17.08271	0.00226497	0.00799996	0.03674981	0.00025085	4.50E-02	0.00199999	0.01574992	0.00021906	1.80E-02	178.738769	160.864892	12,588	0.0333%	0.6099%
County	Fresno	2035 Annual	MDV	20 MPH	0.03246066	0.12124811	1.32620233	0.00588864	0.00799996	0.03674981	0.00395231	4.87E-02	0.00199999	0.01574992	0.00366705	2.14E-02	894.877146	622.484278	307,243	0.8116%	14.8856%
County	Fresno	2035 Annual	MH	20 MPH	0.05094813	1.02381858	0.34689911	0.00769732	0.00871128	0.05339292	0.00935776	7.15E-02	0.00217782	0.02288268	0.0086116	3.37E-02	1089.30241	980.372165	3,989	0.0105%	0.1933%
County	Fresno	2035 Annual	Motor Coach	20 MPH	0.29981511	2.55345622	0.92345981	0.016342	0.01199994	0.13033932	0.05239392	1.95E-01	0.00299998	0.05585971	0.04820241	1.07E-01	2117.0478	1905.34302	794	0.0021%	0.0385%
County	Fresno	2035 Annual	OBUS	20 MPH	0.03043758	0.14910457	0.47952604	0.00684466	0.00799996	0.03674982	0.00037552	4.51E-02	0.00199999	0.01574992	0.00034842	1.81E-02	1006.06863	905.461765	1,982	0.0052%	0.0960%
County	Fresno	2035 Annual	PTO	20 MPH	0.25789135	1.9918226	0.79334562	0.0201976			0.04265386	4.27E-02			0.03924155	3.92E-02	2117.04491	1905.34042	14,675	0.0388%	0.7110%
County	Fresno	2035 Annual	SBUS	20 MPH	0.22708467	3.62659945	1.04306961	0.01062536	0.01065255	0.50629256	0.03229064	5.49E-01	0.00266314	0.21698253	0.02970912	2.49E-01	1267.69028	1140.92125	2,199	0.0058%	0.1065%
County	Fresno	2035 Annual	T6 Ag	20 MPH	0.15238664	1.62938325	0.41668528	0.01124201	0.01199994	0.13033932	0.03483929	1.77E-01	0.00299998	0.05585971	0.03205215	9.09E-02	1370.01717	1233.01545	1,655	0.0044%	0.0802%
County	Fresno	2035 Annual	T6 CAIRP heavy	20 MPH	0.13307771	1.33646412	0.36388706	0.01123962	0.01199994	0.13033932	0.02928942	1.72E-01	0.00299998	0.05585971	0.02694627	8.58E-02	1369.7256	1232.75304	86	0.0002%	0.0041%
County	Fresno	2035 Annual	T6 CAIRP small	20 MPH	0.12647121	1.22892489	0.34582227	0.01123956	0.01199994	0.13033932	0.02735239	1.70E-01	0.00299998	0.05585971	0.0251642	8.40E-02	1369.71837	1232.74654	296	0.0008%	0.0143%
County	Fresno	2035 Annual	T6 instate construction heavy	20 MPH	0.14998862	1.6104453	0.41012816	0.01123986	0.01199994	0.13033932	0.03424216	1.77E-01	0.00299998	0.05585971	0.03150279	9.04E-02	1369.75589	1232.7803	2,681	0.0071%	0.1299%
County	Fresno	2035 Annual	T6 instate construction small	20 MPH	0.1366375	1.39445274	0.37362093	0.01123963	0.01199994	0.13033932	0.03033438	1.73E-01	0.00299998	0.05585971	0.02790763	8.68E-02	1369.7269	1232.75421	7,337	0.0194%	0.3555%
County	Fresno	2035 Annual	T6 instate heavy	20 MPH	0.15023696	1.61434516	0.41080721	0.01123988	0.01199994	0.13033932	0.03431406	1.77E-01	0.00299998	0.05585971	0.03156894	9.04E-02	1369.7581	1232.78229	6,297	0.0166%	0.3051%
County	Fresno	2035 Annual	T6 instate small	20 MPH	0.13672487	1.3958352	0.37385982	0.01123963	0.01199994	0.13033932	0.03035974	1.73E-01	0.00299998	0.05585971	0.02793096	8.68E-02	1369.72752	1232.75477	17,162	0.0453%	0.8315%
County	Fresno	2035 Annual	T6 OOS heavy	20 MPH	0.13307771	1.33646412	0.36388706	0.01123962	0.01199994	0.13033932	0.02928942	1.72E-01	0.00299998	0.05585971	0.02694627	8.58E-02	1369.7256	1232.75304	49	0.0001%	0.0024%
County	Fresno	2035 Annual	T6 OOS small	20 MPH	0.12647121	1.22892489	0.34582227	0.01123956	0.01199994	0.13033932	0.02735239	1.70E-01	0.00299998	0.05585971	0.0251642	8.40E-02	1369.71837	1232.74654	170	0.0004%	0.0082%
County	Fresno	2035 Annual	T6 Public	20 MPH	0.11301872	1.55024134	0.31186496	0.0112677	0.01199994	0.13033932	0.02495033	1.67E-01	0.00299998	0.05585971	0.0229543	8.18E-02	1373.14753	1235.83277	691	0.0018%	0.0335%
County	Fresno	2035 Annual	T6 utility	20 MPH	0.10653321	0.90329203	0.29130388	0.01123959	0.01199994	0.13033932	0.02149619	1.64E-01	0.00299998	0.05585971	0.01977649	7.86E-02	1369.72243	1232.75018	180	0.0005%	0.0087%
County	Fresno	2035 Annual	T6TS	20 MPH	0.02601588	0.13545955	0.4163303	0.00684391	0.00799996	0.03674981	0.00037958	4.51E-02	0.00199999	0.01574992	0.00035219	1.81E-02	1006.0686	905.461738	6,412	0.0169%	0.3107%
County	Fresno	2035 Annual	T7 Ag	20 MPH	0.3173786	2.76151133	0.97729578	0.01634453	0.03599981	0.06173968	0.05613529	1.54E-01	0.00899995	0.02645986	0.05164447	8.71E-02	2117.37563	1905.63806	2,198	0.0058%	0.1065%
County	Fresno	2035 Annual	T7 CAIRP	20 MPH	0.32697665	2.91882071	1.00781074	0.01634186	0.03599981	0.06173968	0.05873084	1.56E-01	0.00899995	0.02645986	0.05403237	8.95E-02	2117.02998	1905.32698	24,620	0.0650%	1.1928%
County	Fresno	2035 Annual	T7 CAIRP construction	20 MPH	0.32699567	2.91908187	1.00786993	0.01634186	0.03599981	0.06173968	0.05873534	1.56E-01	0.00899995	0.02645986	0.05403651	8.95E-02	2117.02991	1905.32692	1,010	0.0027%	0.0490%
County	Fresno	2035 Annual	T7 NNOOS	20 MPH	0.28388887	2.34126836	0.87406966	0.01634185	0.03599981	0.06173968	0.04871312	1.46E-01	0.00899995	0.02645986	0.04481607	8.03E-02	2117.02815	1905.32534	27,697	0.0732%	1.3419%
County	Fresno	2035 Annual	T7 NOOS	20 MPH	0.3269767	2.91882034	1.00781089	0.01634186	0.03599981	0.06173968	0.05873085	1.56E-01	0.00899995	0.02645986	0.05403239	8.95E-02	2117.02997	1905.32697	8,966	0.0237%	0.4344%
County	Fresno	2035 Annual	T7 other port	20 MPH	0.39344516	3.81008807	1.21413707	0.01634184	0.03599981	0.06173968	0.07419118	1.72E-01	0.00899995	0.02645986	0.06825588	1.04E-01	2117.02699	1905.32429	400	0.0011%	0.0194%
County	Fresno	2035 Annual	T7 POAK	20 MPH	0.39344516	3.81008807	1.21413707	0.01634184	0.03599981	0.06173968	0.07419118	1.72E-01	0.00899995	0.02645986	0.06825588	1.04E-01	2117.02699	1905.32429	2,487	0.0066%	0.1205%
County	Fresno	2035 Annual	T7 POLA	20 MPH	0.39344516	3.81008807	1.21413707	0.01634184	0.03599981	0.06173968	0.07419118	1.72E-01	0.00899995	0.02645986	0.06825588	1.04E-01	2117.02699	1905.32429	4,078	0.0108%	0.1976%
County	Fresno	2035 Annual	T7 Public	20 MPH	0.21690279	4.18418727	0.69512872	0.01645062	0.03599981	0.06173968	0.04411429	1.42E-01	0.00899995	0.02645986	0.04058515	7.60E-02	2131.11935	1918.00742	313	0.0008%	0.0151%
County	Fresno	2035 Annual	T7 Single	20 MPH	0.25789135	1.9918226	0.79334562	0.01634198	0.03599981	0.06173968	0.04265386	1.40E-01	0.00899995	0.02645986	0.03924155	7.47E-02	2117.04491	1905.34042	2,264	0.0060%	0.1097%
County	Fresno	2035 Annual	T7 single construction	20 MPH	0.25796032	1.9927593	0.79356027	0.01634198	0.03599981	0.06173968	0.04267018	1.40E-01	0.00899995	0.02645986	0.03925656	7.47E-02	2117.04458	1905.34012	2,614	0.0069%	0.1266%
County	Fresno	2035 Annual	T7 SWCV	20 MPH	0.24405114	2.10538883	0.75244905	0.01635885	0.03599981	0.06173968	0.03974812	1.37E-01	0.00899995	0.02645986	0.03656827	7.20E-02	2119.23013	1907.30712	649	0.0017%	0.0315%
County	Fresno	2035 Annual	T7 tractor	20 MPH	0.32846593	2.93475582	1.01230955	0.01634228	0.03599981	0.06173968	0.05901474	1.57E-01	0.00899995	0.02645986	0.05429356	8.98E-02	2117.08388	1905.37549	34,995	0.0924%	1.6955%
County	Fresno	2035 Annual	T7 tractor construction	20 MPH	0.32917048	2.9439505	1.01449057	0.0163423	0.03599981	0.06173968	0.0591756	1.57E-01	0.00899995	0.02645986	0.05444155	8.99E-02	2117.08645	1905.3778	1,949	0.0051%	0.0944%
County	Fresno	2035 Annual	T7 utility	20 MPH	0.21506837	1.42039763	0.66043579	0.01634206	0.03599981	0.06173968	0.03270257	1.30E-01	0.00899995	0.02645986	0.03008636	6.55E-02	2117.05506	1905.34955	56	0.0001%	0.0027%
County	Fresno	2035 Annual	T7IS	20 MPH	0.95951613	4.00607439	49.6253262	0.00626109	0.00799996	0.03674982	0.00035556	4.51E-02	0.00199999	0.01574992	0.0003299	1.81E-02	1006.06856	905.461705	429	0.0011%	0.0208%
County	Fresno	2035 Annual	UBUS	20 MPH	0.43132513	5.24782833	3.63973555	0.01779091	0.00799996	0.60947975	0.13331993	7.51E-01	0.00199999	0.26120559	0.12265592	3.86E-01	1926.30651	1733.67586	6,275	0.0166%	0.3040%
																			2,064,021	5.4519%	100%

County	Fresno	2035 Annual	All Other Buses	25 MPH	0.13652952	1.533757	0.4033406	0.01124026	0.01199994	0.13033932	0.03442287	1.77E-01	0.00299998	0.05585971	0.03166904	9.05E-02	1278.0581	1150.25229	1,248	0.0033%	0.1474%
County	Fresno	2035 Annual	LDA	25 MPH	0.01432186	0.0666935	0.79700759	0.00338601	0.00799996	0.03674982	0.00299942	4.77E-02	0.00199999	0.01574992	0.00278286	2.05E-02	427.996603	254.559274	197,711	0.5222%	23.3566%
County	Fresno	2035 Annual	LDT1	25 MPH	0.01722072	0.07623891	0.93318964	0.00393205	0.00799996	0.03674981	0.0029911	4.77E-02	0.00199999	0.01574992	0.0027752	2.05E-02	497.201497	302.744534	29,306	0.0774%	3.4621%
County	Fresno	2035 Annual	LDT2	25 MPH	0.01759457	0.08179939	0.93182305	0.00459691	0.00799996	0.03674981	0.00297865	4.77E-02	0.00199999	0.01574992	0.00276367	2.05E-02	581.689286	395.203604	72,962	0.1927%	8.6194%
County	Fresno	2035 Annual	LHD1	25 MPH	0.04192352	0.40711793	0.43789348	0.0078876	0.00951721	0.05180477	0.00955696	7.09E-02	0.0023793	0.02220204	0.00879414	3.34E-02	673.5746	606.21714	243,784	0.6439%	28.7995%
County	Fresno	2035 Annual	LHD2	25 MPH	0.05541183	0.53834835	0.52819484	0.00676298	0.01046927	0.06911637	0.01440084	9.40E-02	0.00261732	0.0296213	0.01324962	4.55E-02	614.355525	552.919973	39,401	0.1041%	4.6547%
County	Fresno	2035 Annual	MCY	25 MPH	2.22231666	1.11637664	15.9016949	0.00226497	0.00799996	0.03674981	0.00021408	4.50E-02	0.00199999	0.01574992	0.00018651	1.79E-02	160.513437	144.462093	3,070	0.0081%	0.3627%
County	Fresno	2035 Annual	MDV	25 MPH	0.02430448	0.11016394	1.22881665	0.00588864	0.00799996	0.03674981	0.00292206	4.77E-02	0.00199999	0.01574992	0.00271116	2.05E-02	745.030207	518.247098	74,933	0.1979%	8.8523%
County	Fresno	2035 Annual	MH	25 MPH	0.03853532	0.91693105	0.27301622	0.00769732	0.00871128	0.05339292	0.00807387	7.02E-02	0.00217782	0.02288268	0.00742974	3.25E-02	866.564457	779.908011	4,393	0.0116%	0.5189%
County	Fresno	2035 Annual	Motor Coach	25 MPH	0.26195991	2.28927989	0.87173284	0.016342	0.01199994	0.13033932	0.05001373	1.92E-01	0.00299998	0.05585971	0.04601263	1.05E-01	1975.25292	1777.72763	819	0.0022%	0.0967%
County	Fresno	2035 Annual	OBUS	25 MPH	0.02213626	0.15569774	0.36623692	0.00684466	0.00799996	0.03674982	0.00027296	4.50E-02	0.00199999	0.01574992	0.00025326	1.80E-02	768.012086	691.210878	2,209	0.0058%	0.2609%
County	Fresno	2035 Annual	PTO	25 MPH	0.26476021	2.07326531	0.81460225	0.0201976			0.04421881	4.42E-02			0.04068131	4.07E-02	2117.0832	1905.37488	0	0.0000%	0.0000%
County	Fresno	2035 Annual	SBUS	25 MPH	0.19328867	3.27020797	0.891073	0.01062536	0.01065255	0.50629256	0.03077347	5.48E-01	0.00266314	0.21698253	0.02831285	2.48E-01	1125.29285	1012.76356	3,471	0.0092%	0.4101%
County	Fresno	2035 Annual	T6 Ag	25 MPH	0.13314602	1.46080997	0.39334494	0.01124201	0.01199994	0.13033932	0.03325658	1.76E-01	0.00299998	0.05585971	0.03059606	8.95E-02	1278.25664	1150.43097	1,723	0.0046%	0.2036%
County	Fresno	2035 Annual	T6 CAIRP heavy	25 MPH	0.11627508	1.19819576	0.34350418	0.01123962	0.01199994	0.13033932	0.02795884	1.70E-01	0.00299998	0.05585971	0.02572213	8.46E-02	1277.9846	1150.18614	89	0.0002%	0.0105%
County	Fresno	2035 Annual	T6 CAIRP small	25 MPH	0.11050273	1.10178236	0.32645128	0.01123956	0.01199994	0.13033932	0.02610981	1.68E-01	0.00299998	0.05585971	0.02402102	8.29E-02	1277.97785	1150.18007	308	0.0008%	0.0364%
County	Fresno	2035 Annual	T6 instate construction heavy	25 MPH	0.13105079	1.44383131	0.38715512	0.01123986	0.01199994	0.13033932	0.03268658	1.75E-01	0.00299998	0.05585971	0.03007166	8.89E-02	1278.01286	1150.21158	2,792	0.0074%	0.3299%
County	Fresno	2035 Annual	T6 instate construction small	25 MPH	0.1193854	1.25018498	0.35269281	0.01123963	0.01199994	0.13033932	0.02895632	1.71E-01	0.00299998	0.05585971	0.02663982	8.55E-02	1277.98581	1150.18723	7,642	0.0202%	0.9027%
County	Fresno	2035 Annual	T6 instate heavy	25 MPH	0.13126777	1.4473277	0.38779613	0.01123988	0.01199994	0.13033932	0.03275522	1.75E-01	0.00299998	0.05585971	0.0301348	8.90E-02	1278.01492	1150.21343	6,558	0.0173%	0.7747%
County	Fresno	2035 Annual	T6 instate small	25 MPH	0.11946174	1.25142441	0.35291832	0.01123963	0.01199994	0.13033932	0.02898054	1.71E-01	0.00299998	0.05585971	0.02666209	8.55E-02	1277.98639	1150.18775	17,873	0.0472%	2.1115%
County	Fresno	2035 Annual	T6 OOS heavy	25 MPH	0.11627508	1.19819576	0.34350418	0.01123962	0.01199994	0.13033932	0.02795884	1.70E-01	0.00299998	0.05585971	0.02572213	8.46E-02	1277.9846	1150.18614	51	0.0001%	0.0060%
County	Fresno	2035 Annual	T6 OOS small	25 MPH	0.11050273	1.10178236	0.32645128	0.01123956	0.01199994	0.13033932	0.02610981	1.68E-01	0.00299998	0.05585971	0.02402102	8.29E-02	1277.97785	1150.18007	177	0.0005%	0.0209%
County	Fresno	2035 Annual	T6 Public	25 MPH	0.09855745	1.4110821	0.29343096	0.0112677	0.01199994	0.13033932	0.02355749	1.66E-01	0.00299998	0.05585971	0.02167289	8.05E-02	1281.17733	1153.0596	720	0.0019%	0.0850%
County	Fresno	2035 Annual	T6 utility	25 MPH	0.09308213	0.80983894	0.2749867	0.01123959	0.01199994	0.13033932	0.02051964	1.63E-01	0.00299998	0.05585971	0.01887807	7.77E-02	1277.98164	1150.18347	188	0.0005%	0.0222%
County	Fresno	2035 Annual	T6TS	25 MPH	0.01892026	0.14144936	0.31797133	0.00684391	0.00799996	0.03674981	0.00027591	4.50E-02	0.00199999	0.01574992	0.00025599	1.80E-02	768.012142	691.210927	7,145	0.0189%	0.8440%
County	Fresno	2035 Annual	T7 Ag	25 MPH	0.2773058	2.47580996	0.92255323	0.01634453	0.03599981	0.06173968	0.05358513	1.51E-01	0.00899995	0.02645986	0.04929832	8.48E-02	1975.55878	1778.0029	2,267	0.0060%	0.2678%
County	Fresno	2035 Annual	T7 CAIRP	25 MPH	0.28569199	2.61684437	0.95135891	0.01634186	0.03599981	0.06173968	0.05606277	1.54E-01	0.00899995	0.02645986	0.05157775	8.70E-02	1975.23628	1777.71266	25,398	0.0671%	3.0003%
County	Fresno	2035 Annual	T7 CAIRP construction	25 MPH	0.28570861	2.61707851	0.95141479	0.01634186	0.03599981	0.06173968	0.05606706	1.54E-01	0.00899995	0.02645986	0.0515817	8.70E-02	1975.23622	1777.7126	1,042	0.0028%	0.1231%
County	Fresno	2035 Annual	T7 NNOOS	25 MPH	0.24804455	2.09904463	0.82510925	0.01634185	0.03599981	0.06173968	0.04650014	1.44E-01	0.00899995	0.02645986	0.04278013	7.82E-02	1975.23458	1777.71113	28,571	0.0755%	3.3753%
County	Fresno	2035 Annual	T7 NOOS	25 MPH	0.28569202	2.61684404	0.95135906	0.01634186	0.03599981	0.06173968	0.05606278	1.54E-01	0.00899995	0.02645986	0.05157776	8.70E-02	1975.23628	1777.71265	9,249	0.0244%	1.0927%
County	Fresno	2035 Annual	T7 other port	25 MPH	0.34376806	3.41590269	1.14612802	0.01634184	0.03599981	0.06173968	0.07082077	1.69E-01	0.00899995	0.02645986	0.0651551	1.01E-01	1975.2335	1777.71015	412	0.0011%	0.0487%
County	Fresno	2035 Annual	T7 POAK	25 MPH	0.34376806	3.41590269	1.14612802	0.01634184	0.03599981	0.06173968	0.07082077	1.69E-01	0.00899995	0.02645986	0.0651551	1.01E-01	1975.2335	1777.71015	2,566	0.0068%	0.3031%
County	Fresno	2035 Annual	T7 POLA	25 MPH	0.34376806	3.41590269	1.14612802	0.01634184	0.03599981	0.06173968	0.07082077	1.69E-01	0.00899995	0.02645986	0.0651551	1.01E-01	1975.2335	1777.71015	4,207	0.0111%	0.4970%
County	Fresno	2035 Annual	T7 Public	25 MPH	0.18785554	3.93076374	0.64661787	0.01645062	0.03599981	0.06173968	0.04010604	1.38E-01	0.00899995	0.02645986	0.03689756	7.24E-02	1988.38199	1789.54379	322	0.0009%	0.0381%
County	Fresno	2035 Annual	T7 Single	25 MPH	0.22532952	1.78575195	0.74890692	0.01634198	0.03599981	0.06173968	0.04071615	1.38E-01	0.00899995	0.02645986	0.03745885	7.29E-02	1975.25022	1777.7252	2,335	0.0062%	0.2759%
County	Fresno	2035 Annual	T7 single construction	25 MPH	0.22538978	1.78659174	0.74910954	0.01634198	0.03599981	0.06173968	0.04073172	1.38E-01	0.00899995	0.02645986	0.03747319	7.29E-02	1975.24991	1777.72492	2,696	0.0071%	0.3185%
County	Fresno	2035 Annual	T7 SWCV	25 MPH	0.21309799	1.89841775	0.70950467	0.01635885	0.03599981	0.06173968	0.03781936	1.36E-01	0.00899995	0.02645986	0.03479381	7.03E-02	1977.28908	1779.56017	670	0.0018%	0.0791%
County	Fresno	2035 Annual	T7 tractor	25 MPH	0.28699323	2.63113086	0.95560573	0.01634228	0.03599981	0.06173968	0.05633377	1.54E-01	0.00899995	0.02645986	0.05182707	8.73E-02	1975.28658	1777.75792	36,099	0.0954%	4.2646%
County	Fresno	2035 Annual	T7 tractor construction	25 MPH	0.28760881	2.63937428	0.95766458	0.0163423	0.03599981	0.06173968	0.05648733	1.54E-01	0.00899995	0.02645986	0.05196834	8.74E-02	1975.28897	1777.76008	2,010	0.0053%	0.2375%
County	Fresno	2035 Annual	T7 utility	25 MPH	0.18791344	1.27344565	0.62344194	0.01634206	0.03599981	0.06173968	0.03121693	1.29E-01	0.00899995	0.02645986	0.02871957	6.42E-02	1975.25968	1777.73371	58	0.0002%	0.0069%
County	Fresno	2035 Annual	T7IS	25 MPH	0.69764794	4.16844176	37.9618872	0.00626109	0.00799996	0.03674982	0.00025845	4.50E-02	0.00199999	0.01574992	0.00023979	1.80E-02	768.012159	691.210943	560	0.0015%	0.0661%
County	Fresno	2035 Annual	UBUS	25 MPH	0.33064334	4.64894174	2.73235576	0.01779091	0.00799996	0.60947975	0.10554396	7.23E-01	0.00199999	0.26120559	0.0971016	3.60E-01	1857.60538	1671.84484	9,451	0.0250%	1.1165%
																			846,488	2.2359%	100%

County	Fresno	2035 Annual	All Other Buses	30 MPH	0.11905993	1.38292685	0.38659154	0.01124026	0.01199994	0.13033932	0.0341859	1.77E-01	0.00299998	0.05585971	0.03145103	9.03E-02	1199.65079	1079.68571	1,501	0.0040%	0.0964%
County	Fresno	2035 Annual	LDA	30 MPH	0.01114523	0.06184242	0.73134977	0.00338601	0.00799996	0.03674982	0.00233902	4.71E-02	0.00199999	0.01574992	0.00217013	1.99E-02	367.987541	218.86845	539,278	1.4245%	34.6327%
County	Fresno	2035 Annual	LDT1	30 MPH	0.01343221	0.07063278	0.85570249	0.00393205	0.00799996	0.03674981	0.002333	4.71E-02	0.00199999	0.01574992	0.00216459	1.99E-02	427.468144	260.284219	79,936	0.2111%	5.1335%
County	Fresno	2035 Annual	LDT2	30 MPH	0.01370028	0.0758014	0.85494376	0.00459691	0.00799996	0.03674981	0.00232203	4.71E-02	0.00199999	0.01574992	0.00215444	1.99E-02	500.078306	339.756808	199,011	0.5257%	12.7806%
County	Fresno	2035 Annual	LHD1	30 MPH	0.03484066	0.38948918	0.35380386	0.0078876	0.00951721	0.05180477	0.00808323	6.94E-02	0.0023793	0.02220204	0.00743789	3.20E-02	581.354248	523.218824	211,889	0.5597%	13.6076%
County	Fresno	2035 Annual	LHD2	30 MPH	0.04665447	0.50870504	0.42695594	0.00676298	0.01046927	0.06911637	0.01220064	9.18E-02	0.00261732	0.0296213	0.01122523	4.35E-02	557.499319	501.749387	33,869	0.0895%	2.1751%
County	Fresno	2035 Annual	MCY	30 MPH	2.00850294	1.11416452	15.3125377	0.00226497	0.00799996	0.03674981	0.00019226	4.49E-02	0.00199999	0.01574992	0.00016717	1.79E-02	148.522673	133.670406	8,374	0.0221%	0.5378%
County	Fresno	2035 Annual	MDV	30 MPH	0.01895896	0.10196118	1.12693963	0.00588864	0.00799996	0.03674981	0.00227876	4.70E-02	0.00199999	0.01574992	0.00211429	1.99E-02	640.513685	445.54538	204,388	0.5399%	13.1259%
County	Fresno	2035 Annual	MH	30 MPH	0.03185732	0.85124977	0.2305143	0.00769732	0.00871128	0.05339292	0.00747668	6.96E-02	0.00217782	0.02288268	0.0068799	3.19E-02	729.982223	656.984001	5,020	0.0133%	0.3224%
County	Fresno	2035 Annual	Motor Coach	30 MPH	0.22844092	2.06415137	0.8355334	0.016342	0.01199994	0.13033932	0.04966943	1.92E-01	0.00299998	0.05585971	0.04569588	1.05E-01	1854.07355	1668.66619	1,383	0.0037%	0.0888%
County	Fresno	2035 Annual	OBUS	30 MPH	0.0167474	0.16289552	0.29484372	0.00684466	0.00799996	0.03674982	0.00020681	4.50E-02	0.00199999	0.01574992	0.00019189	1.79E-02	619.4336	557.49024	2,497	0.0066%	0.1604%
County	Fresno	2035 Annual	PTO	30 MPH	0.26476021	2.07326531	0.81460225	0.0201976			0.04421881	4.42E-02			0.04068131	4.07E-02	2117.0832	1905.37488	0	0.0000%	0.0000%
County	Fresno	2035 Annual	SBUS	30 MPH	0.16565602	2.96734546	0.79399039	0.01062536	0.01065255	0.50629256	0.03052385	5.47E-01	0.00266314	0.21698253	0.0280829	2.48E-01	1022.08031	919.872282	4,165	0.0110%	0.2675%
County	Fresno	2035 Annual	T6 Ag	30 MPH	0.11610937	1.31715345	0.37701096	0.01124201	0.01199994	0.13033932	0.03302764	1.75E-01	0.00299998	0.05585971	0.03038543	8.92E-02	1199.83714	1079.85343	2,072	0.0055%	0.1331%
County	Fresno	2035 Annual	T6 CAIRP heavy	30 MPH	0.10139714	1.08036481	0.32923987	0.01123962	0.01199994	0.13033932	0.02776637	1.70E-01	0.00299998	0.05585971	0.02554506	8.44E-02	1199.5818	1079.62362	107	0.0003%	0.0069%
County	Fresno	2035 Annual	T6 CAIRP small	30 MPH	0.09636339	0.99343274	0.31289511	0.01123956	0.01199994	0.13033932	0.02593006	1.68E-01	0.00299998	0.05585971	0.02385566	8.27E-02	1199.57546	1079.61792	371	0.0010%	0.0238%
County	Fresno	2035 Annual	T6 instate construction heavy	30 MPH	0.11428223	1.30184448	0.37107817	0.01123986	0.01199994	0.13033932	0.03246156	1.75E-01	0.00299998	0.05585971	0.02986464	8.87E-02	1199.60832	1079.64749	3,358	0.0089%	0.2156%
County	Fresno	2035 Annual	T6 instate construction small	30 MPH	0.10410949	1.12724139	0.33804694	0.01123963	0.01199994	0.13033932	0.02875698	1.71E-01	0.00299998	0.05585971	0.02645643	8.53E-02	1199.58293	1079.62464	9,188	0.0243%	0.5901%
County	Fresno	2035 Annual	T6 instate heavy	30 MPH	0.11447145	1.30499703	0.37169256	0.01123988	0.01199994	0.13033932	0.03252973	1.75E-01	0.00299998	0.05585971	0.02992735	8.88E-02	1199.61026	1079.64923	7,885	0.0208%	0.5064%
County	Fresno	2035 Annual	T6 instate small	30 MPH	0.10417605	1.12835893	0.33826309	0.01123963	0.01199994	0.13033932	0.02878103	1.71E-01	0.00299998	0.05585971	0.02647855	8.53E-02	1199.58348	1079.62513	21,491	0.0568%	1.3802%
County	Fresno	2035 Annual	T6 OOS heavy	30 MPH	0.10139714	1.08036481	0.32923987	0.01123962	0.01199994	0.13033932	0.02776637	1.70E-01	0.00299998	0.05585971	0.02554506	8.44E-02	1199.5818	1079.62362	61	0.0002%	0.0039%
County	Fresno	2035 Annual	T6 OOS small	30 MPH	0.09636339	0.99343274	0.31289511	0.01123956	0.01199994	0.13033932	0.02593006	1.68E-01	0.00299998	0.05585971	0.02385566	8.27E-02	1199.57546	1079.61792	213	0.0006%	0.0137%
County	Fresno	2035 Annual	T6 Public	30 MPH	0.08579192	1.29317255	0.28030558	0.0112677	0.01199994	0.13033932	0.02314579	1.65E-01	0.00299998	0.05585971	0.02129413	8.02E-02	1202.57866	1082.32079	865	0.0023%	0.0556%
County	Fresno	2035 Annual	T6 utility	30 MPH	0.08117184	0.73019912	0.26356764	0.01123959	0.01199994	0.13033932	0.02037838	1.63E-01	0.00299998	0.05585971	0.01874811	7.76E-02	1199.57901	1079.62111	226	0.0006%	0.0145%
County	Fresno	2035 Annual	T6TS	30 MPH	0.01431299	0.14798845	0.25598689	0.00684391	0.00799996	0.03674981	0.00020905	4.50E-02	0.00199999	0.01574992	0.00019396	1.79E-02	619.433656	557.49029	8,078	0.0213%	0.5188%
County	Fresno	2035 Annual	T7 Ag	30 MPH	0.24182323	2.23233802	0.88424343	0.01634453	0.03599981	0.06173968	0.05321625	1.51E-01	0.00899995	0.02645986	0.04895895	8.44E-02	1854.36065	1668.92458	3,828	0.0101%	0.2458%
County	Fresno	2035 Annual	T7 CAIRP	30 MPH	0.24913637	2.35950306	0.91185293	0.01634186	0.03599981	0.06173968	0.05567682	1.53E-01	0.00899995	0.02645986	0.05122268	8.67E-02	1854.05793	1668.65214	42,878	0.1133%	2.7537%
County	Fresno	2035 Annual	T7 CAIRP construction	30 MPH	0.24915086	2.35971418	0.91190648	0.01634186	0.03599981	0.06173968	0.05568109	1.53E-01	0.00899995	0.02645986	0.0512266	8.67E-02	1854.05788	1668.65209	1,760	0.0046%	0.1130%
County	Fresno	2035 Annual	T7 NNOOS	30 MPH	0.2163061	1.89262391	0.79084589	0.01634185	0.03599981	0.06173968	0.04618003	1.44E-01	0.00899995	0.02645986	0.04248563	7.79E-02	1854.05634	1668.6507	48,236	0.1274%	3.0978%
County	Fresno	2035 Annual	T7 NOOS	30 MPH	0.2491364	2.35950276	0.91185307	0.01634186	0.03599981	0.06173968	0.05567684	1.53E-01	0.00899995	0.02645986	0.05122269	8.67E-02	1854.05793	1668.65213	15,615	0.0412%	1.0028%
County	Fresno	2035 Annual	T7 other port	30 MPH	0.29978134	3.07998173	1.09853408	0.01634184	0.03599981	0.06173968	0.07033323	1.68E-01	0.00899995	0.02645986	0.06470657	1.00E-01	1854.05532	1668.64979	696	0.0018%	0.0447%
County	Fresno	2035 Annual	T7 POAK	30 MPH	0.29978134	3.07998173	1.09853408	0.01634184	0.03599981	0.06173968	0.07033323	1.68E-01	0.00899995	0.02645986	0.06470657	1.00E-01	1854.05532	1668.64979	4,332	0.0114%	0.2782%
County	Fresno	2035 Annual	T7 POLA	30 MPH	0.29978134	3.07998173	1.09853408	0.01634184	0.03599981	0.06173968	0.07033323	1.68E-01	0.00899995	0.02645986	0.06470657	1.00E-01	1854.05532	1668.64979	7,102	0.0188%	0.4561%
County	Fresno	2035 Annual	T7 Public	30 MPH	0.16247624	3.72055307	0.61043786	0.01645062	0.03599981	0.06173968	0.03790191	1.36E-01	0.00899995	0.02645986	0.03486976	7.03E-02	1866.39717	1679.75745	544	0.0014%	0.0350%
County	Fresno	2035 Annual	T7 Single	30 MPH	0.19649756	1.61014053	0.71780792	0.01634198	0.03599981	0.06173968	0.04043585	1.38E-01	0.00899995	0.02645986	0.03720098	7.27E-02	1854.07102	1668.66391	3,943	0.0104%	0.2532%
County	Fresno	2035 Annual	T7 single construction	30 MPH	0.19655011	1.61089773	0.71800213	0.01634198	0.03599981	0.06173968	0.04045132	1.38E-01	0.00899995	0.02645986	0.03721522	7.27E-02	1854.07073	1668.66365	4,552	0.0120%	0.2923%
County	Fresno	2035 Annual	T7 SWCV	30 MPH	0.18571892	1.72238687	0.6792658	0.01635885	0.03599981	0.06173968	0.03744064	1.35E-01	0.00899995	0.02645986	0.03444539	6.99E-02	1855.98479	1670.38631	1,131	0.0030%	0.0726%
County	Fresno	2035 Annual	T7 tractor	30 MPH	0.25027111	2.37238461	0.91592339	0.01634228	0.03599981	0.06173968	0.05594596	1.54E-01	0.00899995	0.02645986	0.05147029	8.69E-02	1854.10514	1668.69463	60,946	0.1610%	3.9140%
County	Fresno	2035 Annual	T7 tractor construction	30 MPH	0.25080793	2.37981737	0.91789675	0.0163423	0.03599981	0.06173968	0.05609846	1.54E-01	0.00899995	0.02645986	0.05161058	8.71E-02	1854.10739	1668.69665	3,394	0.0090%	0.2180%
County	Fresno	2035 Annual	T7 utility	30 MPH	0.16386905	1.1482146	0.59755298	0.01634206	0.03599981	0.06173968	0.03100203	1.29E-01	0.00899995	0.02645986	0.02852187	6.40E-02	1854.0799	1668.67191	98	0.0003%	0.0063%
County	Fresno	2035 Annual	T7IS	30 MPH	0.53113667	4.33835918	30.6515128	0.00626109	0.00799996	0.03674982	0.00019582	4.49E-02	0.00199999	0.01574992	0.00018169	1.79E-02	619.433557	557.490202	1,023	0.0027%	0.0657%
County	Fresno	2035 Annual	UBUS	30 MPH	0.26353528	4.31367579	2.1721749	0.01779091	0.00799996	0.60947975	0.08653265	7.04E-01	0.00199999	0.26120559	0.07961091	3.43E-01	1814.72667	1633.254	11,829	0.0312%	0.7596%
																			1,557,133	4.1130%	100%

County	Fresno	2035 Annual	All Other Buses	35 MPH	0.10385032	1.2582577	0.37702688	0.01124026	0.01199994	0.13033932	0.03535017	1.78E-01	0.00299998	0.05585971	0.03252215	9.14E-02	1134.58244	1021.12419	1,769	0.0047%	0.0557%
County	Fresno	2035 Annual	LDA	35 MPH	0.00914436	0.0582023	0.67231893	0.00338601	0.00799996	0.03674982	0.00192433	4.67E-02	0.00199999	0.01574992	0.00178538	1.95E-02	328.332763	195.283593	1,369,734	3.6180%	43.0868%
County	Fresno	2035 Annual	LDT1	35 MPH	0.01103331	0.066454	0.78636632	0.00393205	0.00799996	0.03674981	0.00191934	4.67E-02	0.00199999	0.01574992	0.00178079	1.95E-02	381.383928	232.223797	203,033	0.5363%	6.3867%
County	Fresno	2035 Annual	LDT2	35 MPH	0.0112436	0.07131332	0.78591439	0.00459691	0.00799996	0.03674981	0.00190952	4.67E-02	0.00199999	0.01574992	0.0017717	1.95E-02	446.138642	303.110048	505,477	1.3352%	15.9005%
County	Fresno	2035 Annual	LHD1	35 MPH	0.02968206	0.38677622	0.29922447	0.0078876	0.00951721	0.05180477	0.00699321	6.83E-02	0.0023793	0.02220204	0.00643479	3.10E-02	524.507545	472.056791	91,133	0.2407%	2.8667%
County	Fresno	2035 Annual	LHD2	35 MPH	0.04020341	0.49997291	0.36121305	0.00676298	0.01046927	0.06911637	0.01056865	9.02E-02	0.00261732	0.0296213	0.00972367	4.20E-02	522.451869	470.206682	15,808	0.0418%	0.4973%
County	Fresno	2035 Annual	MCY	35 MPH	1.90755775	1.12199617	15.2782998	0.00226497	0.00799996	0.03674981	0.00018166	4.49E-02	0.00199999	0.01574992	0.00015768	1.79E-02	141.675292	127.507762	21,270	0.0562%	0.6691%
County	Fresno	2035 Annual	MDV	35 MPH	0.01556579	0.09589681	1.03570995	0.00588864	0.00799996	0.03674981	0.00187443	4.66E-02	0.00199999	0.01574992	0.00173914	1.95E-02	571.437581	397.496155	519,134	1.3712%	16.3301%
County	Fresno	2035 Annual	MH	35 MPH	0.02677129	0.79851755	0.20401792	0.00769732	0.00871128	0.05339292	0.0072612	6.94E-02	0.00217782	0.02288268	0.00668138	3.17E-02	642.710743	578.439669	6,182	0.0163%	0.1945%
County	Fresno	2035 Annual	Motor Coach	35 MPH	0.19925815	1.87807068	0.81486147	0.016342	0.01199994	0.13033932	0.05136102	1.94E-01	0.00299998	0.05585971	0.04725214	1.06E-01	1753.50969	1578.15872	2,487	0.0066%	0.0782%
County	Fresno	2035 Annual	OBUS	35 MPH	0.0131973	0.17008203	0.25095378	0.00684466	0.00799996	0.03674982	0.00016334	4.49E-02	0.00199999	0.01574992	0.00015155	1.79E-02	527.846634	475.061971	3,104	0.0082%	0.0976%
County	Fresno	2035 Annual	PTO	35 MPH	0.26476021	2.07326531	0.81460225	0.0201976			0.04421881	4.42E-02			0.04068131	4.07E-02	2117.0832	1905.37488	0	0.0000%	0.0000%
County	Fresno	2035 Annual	SBUS	35 MPH	0.14287488	2.71848802	0.73461804	0.01062536	0.01065255	0.50629256	0.03153371	5.48E-01	0.00266314	0.21698253	0.02901177	2.49E-01	947.109714	852.398743	4,274	0.0113%	0.1345%
County	Fresno	2035 Annual	T6 Ag	35 MPH	0.10127668	1.19841369	0.36768333	0.01124201	0.01199994	0.13033932	0.03415246	1.76E-01	0.00299998	0.05585971	0.03142026	9.03E-02	1134.75869	1021.28282	2,443	0.0065%	0.0769%
County	Fresno	2035 Annual	T6 CAIRP heavy	35 MPH	0.0884439	0.98297126	0.32109415	0.01123962	0.01199994	0.13033932	0.028712	1.71E-01	0.00299998	0.05585971	0.02641504	8.53E-02	1134.51719	1021.06547	126	0.0003%	0.0040%
County	Fresno	2035 Annual	T6 CAIRP small	35 MPH	0.0840532	0.903876	0.30515377	0.01123956	0.01199994	0.13033932	0.02681316	1.69E-01	0.00299998	0.05585971	0.02466811	8.35E-02	1134.5112	1021.06008	437	0.0012%	0.0138%
County	Fresno	2035 Annual	T6 instate construction heavy	35 MPH	0.09968295	1.18448481	0.36189733	0.01123986	0.01199994	0.13033932	0.03356711	1.76E-01	0.00299998	0.05585971	0.03088174	8.97E-02	1134.54228	1021.08805	3,959	0.0105%	0.1245%
County	Fresno	2035 Annual	T6 instate construction small	35 MPH	0.09080975	1.02562197	0.32968332	0.01123963	0.01199994	0.13033932	0.02973636	1.72E-01	0.00299998	0.05585971	0.02735745	8.62E-02	1134.51826	1021.06643	10,834	0.0286%	0.3408%
County	Fresno	2035 Annual	T6 instate heavy	35 MPH	0.099848	1.18735316	0.36249652	0.01123988	0.01199994	0.13033932	0.03363759	1.76E-01	0.00299998	0.05585971	0.03094658	8.98E-02	1134.5441	1021.08969	9,298	0.0246%	0.2925%
County	Fresno	2035 Annual	T6 instate small	35 MPH	0.09086782	1.02663877	0.32989412	0.01123963	0.01199994	0.13033932	0.02976122	1.72E-01	0.00299998	0.05585971	0.02738033	8.62E-02	1134.51878	1021.0669	25,341	0.0669%	0.7971%
County	Fresno	2035 Annual	T6 OOS heavy	35 MPH	0.0884439	0.98297126	0.32109415	0.01123962	0.01199994	0.13033932	0.028712	1.71E-01	0.00299998	0.05585971	0.02641504	8.53E-02	1134.51719	1021.06547	72	0.0002%	0.0023%
County	Fresno	2035 Annual	T6 OOS small	35 MPH	0.0840532	0.903876	0.30515377	0.01123956	0.01199994	0.13033932	0.02681316	1.69E-01	0.00299998	0.05585971	0.02466811	8.35E-02	1134.5112	1021.06008	251	0.0007%	0.0079%
County	Fresno	2035 Annual	T6 Public	35 MPH	0.07472215	1.19651268	0.27248884	0.0112677	0.01199994	0.13033932	0.02371524	1.66E-01	0.00299998	0.05585971	0.02181802	8.07E-02	1137.3515	1023.61635	1,020	0.0027%	0.0321%
County	Fresno	2035 Annual	T6 utility	35 MPH	0.07080233	0.66437257	0.25704672	0.01123959	0.01199994	0.13033932	0.02107241	1.63E-01	0.00299998	0.05585971	0.01938662	7.82E-02	1134.51456	1021.0631	266	0.0007%	0.0084%
County	Fresno	2035 Annual	T6TS	35 MPH	0.01128167	0.15451729	0.21788111	0.00684391	0.00799996	0.03674981	0.0001651	4.49E-02	0.00199999	0.01574992	0.00015319	1.79E-02	527.846622	475.06196	10,040	0.0265%	0.3158%
County	Fresno	2035 Annual	T7 Ag	35 MPH	0.2109309	2.0310955	0.86236637	0.01634453	0.03599981	0.06173968	0.05502863	1.53E-01	0.00899995	0.02645986	0.05062634	8.61E-02	1753.78122	1578.4031	6,886	0.0182%	0.2166%
County	Fresno	2035 Annual	T7 CAIRP	35 MPH	0.2173098	2.14679678	0.88929278	0.01634186	0.03599981	0.06173968	0.057573	1.55E-01	0.00899995	0.02645986	0.05296716	8.84E-02	1753.49493	1578.14543	77,139	0.2038%	2.4265%
County	Fresno	2035 Annual	T7 CAIRP construction	35 MPH	0.21732244	2.14698886	0.88934501	0.01634186	0.03599981	0.06173968	0.05757742	1.55E-01	0.00899995	0.02645986	0.05297122	8.84E-02	1753.49487	1578.14539	3,166	0.0084%	0.0996%
County	Fresno	2035 Annual	T7 NNOOS	35 MPH	0.18867352	1.7220062	0.77127958	0.01634185	0.03599981	0.06173968	0.04775278	1.45E-01	0.00899995	0.02645986	0.04393256	7.94E-02	1753.49342	1578.14408	86,778	0.2292%	2.7297%
County	Fresno	2035 Annual	T7 NOOS	35 MPH	0.21730983	2.1467965	0.88929291	0.01634186	0.03599981	0.06173968	0.05757302	1.55E-01	0.00899995	0.02645986	0.05296718	8.84E-02	1753.49492	1578.14543	28,092	0.0742%	0.8837%
County	Fresno	2035 Annual	T7 other port	35 MPH	0.261485	2.80232519	1.07135526	0.01634184	0.03599981	0.06173968	0.07272856	1.70E-01	0.00899995	0.02645986	0.06691028	1.02E-01	1753.49245	1578.14321	1,253	0.0033%	0.0394%
County	Fresno	2035 Annual	T7 POAK	35 MPH	0.261485	2.80232519	1.07135526	0.01634184	0.03599981	0.06173968	0.07272856	1.70E-01	0.00899995	0.02645986	0.06691028	1.02E-01	1753.49245	1578.14321	7,794	0.0206%	0.2452%
County	Fresno	2035 Annual	T7 POLA	35 MPH	0.261485	2.80232519	1.07135526	0.01634184	0.03599981	0.06173968	0.07272856	1.70E-01	0.00899995	0.02645986	0.06691028	1.02E-01	1753.49245	1578.14321	12,777	0.0337%	0.4019%
County	Fresno	2035 Annual	T7 Public	35 MPH	0.14076492	3.55355524	0.58658867	0.01645062	0.03599981	0.06173968	0.03750189	1.35E-01	0.00899995	0.02645986	0.03450174	7.00E-02	1765.16489	1588.6484	979	0.0026%	0.0308%
County	Fresno	2035 Annual	T7 Single	35 MPH	0.17139548	1.46498835	0.70004864	0.01634198	0.03599981	0.06173968	0.04181297	1.40E-01	0.00899995	0.02645986	0.03846793	7.39E-02	1753.5073	1578.15657	7,093	0.0187%	0.2231%
County	Fresno	2035 Annual	T7 single construction	35 MPH	0.17144131	1.4656773	0.70023804	0.01634198	0.03599981	0.06173968	0.04182897	1.40E-01	0.00899995	0.02645986	0.03848265	7.39E-02	1753.50702	1578.15632	8,189	0.0216%	0.2576%
County	Fresno	2035 Annual	T7 SWCV	35 MPH	0.16191392	1.57729617	0.66173245	0.01635885	0.03599981	0.06173968	0.03861194	1.36E-01	0.00899995	0.02645986	0.03552299	7.10E-02	1755.31727	1579.78554	2,034	0.0054%	0.0640%
County	Fresno	2035 Annual	T7 tractor	35 MPH	0.21829958	2.15851707	0.89326254	0.01634228	0.03599981	0.06173968	0.05785131	1.56E-01	0.00899995	0.02645986	0.05322321	8.87E-02	1753.53957	1578.18562	109,643	0.2896%	3.4490%
County	Fresno	2035 Annual	T7 tractor construction	35 MPH	0.21876782	2.16527977	0.89518707	0.0163423	0.03599981	0.06173968	0.058009	1.56E-01	0.00899995	0.02645986	0.05336828	8.88E-02	1753.5417	1578.18753	6,106	0.0161%	0.1921%
County	Fresno	2035 Annual	T7 utility	35 MPH	0.14293517	1.04470447	0.58276893	0.01634206	0.03599981	0.06173968	0.03205786	1.30E-01	0.00899995	0.02645986	0.02949323	6.50E-02	1753.5157	1578.16413	177	0.0005%	0.0056%
County	Fresno	2035 Annual	T7IS	35 MPH	0.41899013	4.50874545	26.1499878	0.00626109	0.00799996	0.03674982	0.00015465	4.49E-02	0.00199999	0.01574992	0.00014349	1.79E-02	527.846584	475.061926	1,819	0.0048%	0.0572%
County	Fresno	2035 Annual	UBUS	35 MPH	0.21831015	4.18328559	1.82844859	0.01779091	0.00799996	0.60947975	0.07347402	6.91E-01	0.00199999	0.26120559	0.06759679	3.31E-01	1788.29522	1609.4657	11,592	0.0306%	0.3646%
																			3,179,010	8.3971%	100%

County	Fresno	2035 Annual	All Other Buses	40 MPH	0.09090067	1.15974957	0.37464662	0.01124026	0.01199994	0.13033932	0.03791567	1.80E-01	0.00299998	0.05585971	0.03488242	9.37E-02	1082.85305	974.567747	2,196	0.0058%	0.0521%
County	Fresno	2035 Annual	LDA	40 MPH	0.0078853	0.05579394	0.61671708	0.00338601	0.00799996	0.03674982	0.00167023	4.64E-02	0.00199999	0.01574992	0.00154961	1.93E-02	303.399061	180.454449	1,948,769	5.1475%	46.2143%
County	Fresno	2035 Annual	LDT1	40 MPH	0.00951491	0.06372276	0.72145884	0.00393205	0.00799996	0.03674981	0.00166547	4.64E-02	0.00199999	0.01574992	0.00154525	1.93E-02	352.428001	214.59334	288,862	0.7630%	6.8503%
County	Fresno	2035 Annual	LDT2	40 MPH	0.00969516	0.06836065	0.72105893	0.00459691	0.00799996	0.03674981	0.00165648	4.64E-02	0.00199999	0.01574992	0.00153692	1.93E-02	412.234215	280.075575	719,160	1.8996%	17.0546%
County	Fresno	2035 Annual	LHD1	40 MPH	0.02593477	0.39517232	0.26563364	0.0078876	0.00951721	0.05180477	0.00618787	6.75E-02	0.0023793	0.02220204	0.0056937	3.03E-02	491.851293	442.666164	37,294	0.0985%	0.8844%
County	Fresno	2035 Annual	LHD2	40 MPH	0.03546482	0.50754043	0.32018808	0.00676298	0.01046927	0.06911637	0.00936012	8.89E-02	0.00261732	0.0296213	0.00861173	4.09E-02	502.318432	452.086589	7,406	0.0196%	0.1756%
County	Fresno	2035 Annual	MCY	40 MPH	1.90623726	1.14278601	15.8904855	0.00226497	0.00799996	0.03674981	0.00018054	4.49E-02	0.00199999	0.01574992	0.00015649	1.79E-02	139.435532	125.491979	30,261	0.0799%	0.7176%
County	Fresno	2035 Annual	MDV	40 MPH	0.01341309	0.09198702	0.95025162	0.00588864	0.00799996	0.03674981	0.00162628	4.64E-02	0.00199999	0.01574992	0.0015089	1.93E-02	528.031314	367.30381	738,591	1.9509%	17.5154%
County	Fresno	2035 Annual	MH	40 MPH	0.02290831	0.75845565	0.18890755	0.00769732	0.00871128	0.05339292	0.00742071	6.95E-02	0.00217782	0.02288268	0.00682793	3.19E-02	589.936358	530.942722	7,692	0.0203%	0.1824%
County	Fresno	2035 Annual	Motor Coach	40 MPH	0.17441158	1.7310378	0.80971706	0.016342	0.01199994	0.13033932	0.0550885	1.97E-01	0.00299998	0.05585971	0.05068142	1.10E-01	1673.56136	1506.20522	2,347	0.0062%	0.0557%
County	Fresno	2035 Annual	OBUS	40 MPH	0.01083229	0.17728755	0.22574993	0.00684466	0.00799996	0.03674982	0.00013447	4.49E-02	0.00199999	0.01574992	0.00012476	1.79E-02	475.233178	427.70986	3,864	0.0102%	0.0916%
County	Fresno	2035 Annual	PTO	40 MPH	0.26476021	2.07326531	0.81460225	0.0201976			0.04421881	4.42E-02			0.04068131	4.07E-02	2117.0832	1905.37488	0	0.0000%	0.0000%
County	Fresno	2035 Annual	SBUS	40 MPH	0.12425175	2.52301633	0.7043791	0.01062536	0.01065255	0.50629256	0.03379831	5.51E-01	0.00266314	0.21698253	0.03109506	2.51E-01	894.311823	804.88064	2,885	0.0076%	0.0684%
County	Fresno	2035 Annual	T6 Ag	40 MPH	0.08864795	1.1045907	0.36536206	0.01124201	0.01199994	0.13033932	0.03663104	1.79E-01	0.00299998	0.05585971	0.03370056	9.26E-02	1083.02126	974.719138	3,033	0.0080%	0.0719%
County	Fresno	2035 Annual	T6 CAIRP heavy	40 MPH	0.07741536	0.90601511	0.31906701	0.01123962	0.01199994	0.13033932	0.03079575	1.73E-01	0.00299998	0.05585971	0.02833209	8.72E-02	1082.79078	974.511701	157	0.0004%	0.0037%
County	Fresno	2035 Annual	T6 CAIRP small	40 MPH	0.07357216	0.83311217	0.30322727	0.01123956	0.01199994	0.13033932	0.0287591	1.71E-01	0.00299998	0.05585971	0.02645837	8.53E-02	1082.78506	974.506556	543	0.0014%	0.0129%
County	Fresno	2035 Annual	T6 instate construction heavy	40 MPH	0.08725295	1.0917523	0.35961259	0.01123986	0.01199994	0.13033932	0.03600321	1.78E-01	0.00299998	0.05585971	0.03312295	9.20E-02	1082.81472	974.53325	4,915	0.0130%	0.1165%
County	Fresno	2035 Annual	T6 instate construction small	40 MPH	0.0794862	0.94532672	0.32760195	0.01123963	0.01199994	0.13033932	0.03189445	1.74E-01	0.00299998	0.05585971	0.02934289	8.82E-02	1082.7918	974.51262	13,449	0.0355%	0.3189%
County	Fresno	2035 Annual	T6 instate heavy	40 MPH	0.08739742	1.09439609	0.36020799	0.01123988	0.01199994	0.13033932	0.03607881	1.78E-01	0.00299998	0.05585971	0.0331925	9.21E-02	1082.81647	974.53482	11,542	0.0305%	0.2737%
County	Fresno	2035 Annual	T6 instate small	40 MPH	0.07953702	0.94626392	0.32781142	0.01123963	0.01199994	0.13033932	0.03192112	1.74E-01	0.00299998	0.05585971	0.02936743	8.82E-02	1082.7923	974.513067	31,457	0.0831%	0.7460%
County	Fresno	2035 Annual	T6 OOS heavy	40 MPH	0.07741536	0.90601511	0.31906701	0.01123962	0.01199994	0.13033932	0.03079575	1.73E-01	0.00299998	0.05585971	0.02833209	8.72E-02	1082.79078	974.511701	90	0.0002%	0.0021%
County	Fresno	2035 Annual	T6 OOS small	40 MPH	0.07357216	0.83311217	0.30322727	0.01123956	0.01199994	0.13033932	0.0287591	1.71E-01	0.00299998	0.05585971	0.02645837	8.53E-02	1082.78506	974.506556	311	0.0008%	0.0074%
County	Fresno	2035 Annual	T6 Public	40 MPH	0.06534812	1.12110248	0.26998073	0.0112677	0.01199994	0.13033932	0.02526583	1.68E-01	0.00299998	0.05585971	0.02324456	8.21E-02	1085.49586	976.946278	1,267	0.0033%	0.0300%
County	Fresno	2035 Annual	T6 utility	40 MPH	0.06197361	0.6123593	0.25542392	0.01123959	0.01199994	0.13033932	0.02260172	1.65E-01	0.00299998	0.05585971	0.02079358	7.97E-02	1082.78827	974.509439	330	0.0009%	0.0078%
County	Fresno	2035 Annual	T6TS	40 MPH	0.00926463	0.16106342	0.19599883	0.00684391	0.00799996	0.03674981	0.00013592	4.49E-02	0.00199999	0.01574992	0.00012611	1.79E-02	475.233217	427.709895	12,498	0.0330%	0.2964%
County	Fresno	2035 Annual	T7 Ag	40 MPH	0.1846288	1.87208242	0.85692204	0.01634453	0.03599981	0.06173968	0.05902228	1.57E-01	0.00899995	0.02645986	0.0543005	8.98E-02	1673.82051	1506.43845	6,499	0.0172%	0.1541%
County	Fresno	2035 Annual	T7 CAIRP	40 MPH	0.19021228	1.97872552	0.88367847	0.01634186	0.03599981	0.06173968	0.06175131	1.59E-01	0.00899995	0.02645986	0.05681121	9.23E-02	1673.54726	1506.19254	72,797	0.1923%	1.7263%
County	Fresno	2035 Annual	T7 CAIRP construction	40 MPH	0.19022335	1.97890256	0.88373037	0.01634186	0.03599981	0.06173968	0.06175604	1.59E-01	0.00899995	0.02645986	0.05681556	9.23E-02	1673.54721	1506.19249	2,987	0.0079%	0.0708%
County	Fresno	2035 Annual	T7 NNOOS	40 MPH	0.16514681	1.58719151	0.76641031	0.01634185	0.03599981	0.06173968	0.0512184	1.49E-01	0.00899995	0.02645986	0.04712092	8.26E-02	1673.54582	1506.19124	81,894	0.2163%	1.9421%
County	Fresno	2035 Annual	T7 NOOS	40 MPH	0.19021231	1.97872527	0.8836786	0.01634186	0.03599981	0.06173968	0.06175133	1.59E-01	0.00899995	0.02645986	0.05681123	9.23E-02	1673.54726	1506.19253	26,511	0.0700%	0.6287%
County	Fresno	2035 Annual	T7 other port	40 MPH	0.22887904	2.58293306	1.06459154	0.01634184	0.03599981	0.06173968	0.07800677	1.76E-01	0.00899995	0.02645986	0.07176623	1.07E-01	1673.5449	1506.19041	1,182	0.0031%	0.0280%
County	Fresno	2035 Annual	T7 POAK	40 MPH	0.22887904	2.58293306	1.06459154	0.01634184	0.03599981	0.06173968	0.07800677	1.76E-01	0.00899995	0.02645986	0.07176623	1.07E-01	1673.5449	1506.19041	7,355	0.0194%	0.1744%
County	Fresno	2035 Annual	T7 POLA	40 MPH	0.22887904	2.58293306	1.06459154	0.01634184	0.03599981	0.06173968	0.07800677	1.76E-01	0.00899995	0.02645986	0.07176623	1.07E-01	1673.5449	1506.19041	12,057	0.0318%	0.2859%
County	Fresno	2035 Annual	T7 Public	40 MPH	0.12272155	3.42977027	0.57507032	0.01645062	0.03599981	0.06173968	0.03890598	1.37E-01	0.00899995	0.02645986	0.0357935	7.13E-02	1684.68515	1516.21664	924	0.0024%	0.0219%
County	Fresno	2035 Annual	T7 Single	40 MPH	0.15002326	1.35029541	0.69562907	0.01634198	0.03599981	0.06173968	0.04484751	1.43E-01	0.00899995	0.02645986	0.04125971	7.67E-02	1673.55907	1506.20317	6,694	0.0177%	0.1588%
County	Fresno	2035 Annual	T7 single construction	40 MPH	0.15006338	1.35093042	0.69581727	0.01634198	0.03599981	0.06173968	0.04486467	1.43E-01	0.00899995	0.02645986	0.04127549	7.67E-02	1673.55881	1506.20293	7,728	0.0204%	0.1833%
County	Fresno	2035 Annual	T7 SWCV	40 MPH	0.141683	1.46314566	0.65690461	0.01635885	0.03599981	0.06173968	0.04133328	1.39E-01	0.00899995	0.02645986	0.03802662	7.35E-02	1675.28652	1507.75787	1,919	0.0051%	0.0455%
County	Fresno	2035 Annual	T7 tractor	40 MPH	0.19107864	1.98952824	0.88762316	0.01634228	0.03599981	0.06173968	0.06204982	1.60E-01	0.00899995	0.02645986	0.05708583	9.25E-02	1673.58988	1506.23089	103,471	0.2733%	2.4538%
County	Fresno	2035 Annual	T7 tractor construction	40 MPH	0.1914885	1.99576149	0.88953554	0.0163423	0.03599981	0.06173968	0.06221895	1.60E-01	0.00899995	0.02645986	0.05724144	9.27E-02	1673.59191	1506.23272	5,762	0.0152%	0.1366%
County	Fresno	2035 Annual	T7 utility	40 MPH	0.12511182	0.96291527	0.57908977	0.01634206	0.03599981	0.06173968	0.03438443	1.32E-01	0.00899995	0.02645986	0.03163368	6.71E-02	1673.56709	1506.21038	167	0.0004%	0.0040%
County	Fresno	2035 Annual	T7IS	40 MPH	0.34378941	4.69089916	23.5320823	0.00626109	0.00799996	0.03674982	0.00012732	4.49E-02	0.00199999	0.01574992	0.00011813	1.79E-02	475.233216	427.709894	1,585	0.0042%	0.0376%
County	Fresno	2035 Annual	UBUS	40 MPH	0.18789508	4.23351627	1.62948366	0.01779091	0.00799996	0.60947975	0.06460912	6.82E-01	0.00199999	0.26120559	0.05944095	3.23E-01	1773.1115	1595.80035	8,357	0.0221%	0.1982%
																			4,216,810	11.1383%	100%

County	Fresno	2035 Annual	All Other Buses	45 MPH	0.08021098	1.08740243	0.37945076	0.01124026	0.01199994	0.13033932	0.04188242	1.84E-01	0.00299998	0.05585971	0.03853182	9.74E-02	1044.46263	940.016367	1,799	0.0048%	0.0417%
County	Fresno	2035 Annual	LDA	45 MPH	0.00722683	0.05414242	0.57338552	0.00338601	0.00799996	0.03674982	0.00152942	4.63E-02	0.00199999	0.01574992	0.00141896	1.92E-02	292.320385	173.865548	1,934,159	5.1089%	44.8748%
County	Fresno	2035 Annual	LDT1	45 MPH	0.00871237	0.06187803	0.6708586	0.00393205	0.00799996	0.03674981	0.0015243	4.63E-02	0.00199999	0.01574992	0.00141426	1.92E-02	339.505939	206.724483	286,697	0.7573%	6.6517%
County	Fresno	2035 Annual	LDT2	45 MPH	0.00888148	0.06634333	0.67039359	0.00459691	0.00799996	0.03674981	0.00151584	4.63E-02	0.00199999	0.01574992	0.00140643	1.92E-02	397.095322	269.789996	713,769	1.8854%	16.5603%
County	Fresno	2035 Annual	LHD1	45 MPH	0.02333853	0.41047445	0.24881888	0.0078876	0.00951721	0.05180477	0.0055994	6.69E-02	0.0023793	0.02220204	0.00515219	2.97E-02	477.465508	429.718957	42,501	0.1123%	0.9861%
County	Fresno	2035 Annual	LHD2	45 MPH	0.03204945	0.52854697	0.29798443	0.00676298	0.01046927	0.06911637	0.00847533	8.81E-02	0.00261732	0.0296213	0.00779766	4.00E-02	493.449234	444.104311	8,218	0.0217%	0.1907%
County	Fresno	2035 Annual	MCY	45 MPH	1.99661625	1.16714177	17.2384895	0.00226497	0.00799996	0.03674981	0.00018868	4.49E-02	0.00199999	0.01574992	0.00016338	1.79E-02	141.742565	127.568309	30,035	0.0793%	0.6968%
County	Fresno	2035 Annual	MDV	45 MPH	0.0122769	0.08941166	0.88357041	0.00588864	0.00799996	0.03674981	0.00148824	4.62E-02	0.00199999	0.01574992	0.00138082	1.91E-02	508.640668	353.815025	733,054	1.9363%	17.0077%
County	Fresno	2035 Annual	MH	45 MPH	0.02007494	0.7291189	0.18300745	0.00769732	0.00871128	0.05339292	0.00795118	7.01E-02	0.00217782	0.02288268	0.00731584	3.24E-02	563.817503	507.435753	6,893	0.0182%	0.1599%
County	Fresno	2035 Annual	Motor Coach	45 MPH	0.15390124	1.62305275	0.82010017	0.016342	0.01199994	0.13033932	0.06085187	2.03E-01	0.00299998	0.05585971	0.05598372	1.15E-01	1614.22854	1452.80568	3,286	0.0087%	0.0762%
County	Fresno	2035 Annual	OBUS	45 MPH	0.00933325	0.18334533	0.21507947	0.00684466	0.00799996	0.03674982	0.00011539	4.49E-02	0.00199999	0.01574992	0.00010706	1.79E-02	452.055855	406.850269	3,523	0.0093%	0.0817%
County	Fresno	2035 Annual	PTO	45 MPH	0.26476021	2.07326531	0.81460225	0.0201976			0.04421881	4.42E-02			0.04068131	4.07E-02	2117.0832	1905.37488	0	0.0000%	0.0000%
County	Fresno	2035 Annual	SBUS	45 MPH	0.10932968	2.38090272	0.69826355	0.01062536	0.01065255	0.50629256	0.03731482	5.54E-01	0.00266314	0.21698253	0.03433016	2.54E-01	860.473895	774.426506	1,384	0.0037%	0.0321%
County	Fresno	2035 Annual	T6 Ag	45 MPH	0.07822318	1.03568447	0.37004715	0.01124201	0.01199994	0.13033932	0.04046339	1.83E-01	0.00299998	0.05585971	0.03722632	9.61E-02	1044.62488	940.162392	2,484	0.0066%	0.0576%
County	Fresno	2035 Annual	T6 CAIRP heavy	45 MPH	0.06831152	0.84949636	0.32315845	0.01123962	0.01199994	0.13033932	0.03401761	1.76E-01	0.00299998	0.05585971	0.0312962	9.02E-02	1044.40257	939.962309	128	0.0003%	0.0030%
County	Fresno	2035 Annual	T6 CAIRP small	45 MPH	0.06492026	0.78114123	0.30711559	0.01123956	0.01199994	0.13033932	0.03176788	1.74E-01	0.00299998	0.05585971	0.02922645	8.81E-02	1044.39705	939.957346	444	0.0012%	0.0103%
County	Fresno	2035 Annual	T6 instate construction heavy	45 MPH	0.07699223	1.02364695	0.36422395	0.01123986	0.01199994	0.13033932	0.03976987	1.82E-01	0.00299998	0.05585971	0.03658828	9.54E-02	1044.42566	939.983094	4,024	0.0106%	0.0934%
County	Fresno	2035 Annual	T6 instate construction small	45 MPH	0.07013883	0.88635565	0.33180284	0.01123963	0.01199994	0.13033932	0.03523125	1.78E-01	0.00299998	0.05585971	0.03241275	9.13E-02	1044.40355	939.963195	11,013	0.0291%	0.2555%
County	Fresno	2035 Annual	T6 instate heavy	45 MPH	0.07711971	1.02612582	0.36482699	0.01123988	0.01199994	0.13033932	0.03985338	1.82E-01	0.00299998	0.05585971	0.03666511	9.55E-02	1044.42734	939.984608	9,451	0.0250%	0.2193%
County	Fresno	2035 Annual	T6 instate small	45 MPH	0.07018368	0.88723438	0.33201499	0.01123963	0.01199994	0.13033932	0.03526071	1.78E-01	0.00299998	0.05585971	0.03243985	9.13E-02	1044.40403	939.963626	25,759	0.0680%	0.5976%
County	Fresno	2035 Annual	T6 OOS heavy	45 MPH	0.06831152	0.84949636	0.32315845	0.01123962	0.01199994	0.13033932	0.03401761	1.76E-01	0.00299998	0.05585971	0.0312962	9.02E-02	1044.40257	939.962309	74	0.0002%	0.0017%
County	Fresno	2035 Annual	T6 OOS small	45 MPH	0.06492026	0.78114123	0.30711559	0.01123956	0.01199994	0.13033932	0.03176788	1.74E-01	0.00299998	0.05585971	0.02922645	8.81E-02	1044.39705	939.957346	255	0.0007%	0.0059%
County	Fresno	2035 Annual	T6 Public	45 MPH	0.05766984	1.06694197	0.27278126	0.0112677	0.01199994	0.13033932	0.02779757	1.70E-01	0.00299998	0.05585971	0.02557376	8.44E-02	1047.01175	942.310573	1,037	0.0027%	0.0241%
County	Fresno	2035 Annual	T6 utility	45 MPH	0.05468568	0.57415929	0.25869925	0.01123959	0.01199994	0.13033932	0.02496632	1.67E-01	0.00299998	0.05585971	0.02296901	8.18E-02	1044.40014	939.960127	270	0.0007%	0.0063%
County	Fresno	2035 Annual	T6TS	45 MPH	0.00797787	0.16656681	0.18673458	0.00684391	0.00799996	0.03674981	0.00011664	4.49E-02	0.00199999	0.01574992	0.00010822	1.79E-02	452.055868	406.850281	11,398	0.0301%	0.2644%
County	Fresno	2035 Annual	T7 Ag	45 MPH	0.16291694	1.75529877	0.86791047	0.01634453	0.03599981	0.06173968	0.0651972	1.63E-01	0.00899995	0.02645986	0.05998143	9.54E-02	1614.4785	1453.03065	9,099	0.0240%	0.2111%
County	Fresno	2035 Annual	T7 CAIRP	45 MPH	0.16784381	1.85528929	0.89500999	0.01634186	0.03599981	0.06173968	0.06821175	1.66E-01	0.00899995	0.02645986	0.06275481	9.82E-02	1614.21494	1452.79345	101,920	0.2692%	2.3647%
County	Fresno	2035 Annual	T7 CAIRP construction	45 MPH	0.16785358	1.85545529	0.89506255	0.01634186	0.03599981	0.06173968	0.06821697	1.66E-01	0.00899995	0.02645986	0.06275961	9.82E-02	1614.21489	1452.7934	4,183	0.0110%	0.0970%
County	Fresno	2035 Annual	T7 NNOOS	45 MPH	0.14572597	1.48817983	0.77623808	0.01634185	0.03599981	0.06173968	0.05657687	1.54E-01	0.00899995	0.02645986	0.05205072	8.75E-02	1614.21355	1452.7922	114,656	0.3029%	2.6602%
County	Fresno	2035 Annual	T7 NOOS	45 MPH	0.16784384	1.85528905	0.89501012	0.01634186	0.03599981	0.06173968	0.06821177	1.66E-01	0.00899995	0.02645986	0.06275483	9.82E-02	1614.21494	1452.79344	37,117	0.0980%	0.8612%
County	Fresno	2035 Annual	T7 other port	45 MPH	0.20196346	2.42180534	1.07824293	0.01634184	0.03599981	0.06173968	0.08616785	1.84E-01	0.00899995	0.02645986	0.07927442	1.15E-01	1614.21266	1452.7914	1,655	0.0044%	0.0384%
County	Fresno	2035 Annual	T7 POAK	45 MPH	0.20196346	2.42180534	1.07824293	0.01634184	0.03599981	0.06173968	0.08616785	1.84E-01	0.00899995	0.02645986	0.07927442	1.15E-01	1614.21266	1452.7914	10,297	0.0272%	0.2389%
County	Fresno	2035 Annual	T7 POLA	45 MPH	0.20196346	2.42180534	1.07824293	0.01634184	0.03599981	0.06173968	0.08616785	1.84E-01	0.00899995	0.02645986	0.07927442	1.15E-01	1614.21266	1452.7914	16,881	0.0446%	0.3917%
County	Fresno	2035 Annual	T7 Public	45 MPH	0.10834616	3.34919815	0.5758828	0.01645062	0.03599981	0.06173968	0.04211418	1.40E-01	0.00899995	0.02645986	0.03874505	7.42E-02	1624.95796	1462.46216	1,294	0.0034%	0.0300%
County	Fresno	2035 Annual	T7 Single	45 MPH	0.13238092	1.26606171	0.70454921	0.01634198	0.03599981	0.06173968	0.04953946	1.47E-01	0.00899995	0.02645986	0.04557631	8.10E-02	1614.22633	1452.8037	9,372	0.0248%	0.2174%
County	Fresno	2035 Annual	T7 single construction	45 MPH	0.13241632	1.2666571	0.70473983	0.01634198	0.03599981	0.06173968	0.04955842	1.47E-01	0.00899995	0.02645986	0.04559374	8.11E-02	1614.22608	1452.80347	10,820	0.0286%	0.2510%
County	Fresno	2035 Annual	T7 SWCV	45 MPH	0.12502616	1.37993535	0.66478229	0.01635885	0.03599981	0.06173968	0.04560464	1.43E-01	0.00899995	0.02645986	0.04195627	7.74E-02	1615.89254	1454.30328	2,687	0.0071%	0.0623%
County	Fresno	2035 Annual	T7 tractor	45 MPH	0.16860829	1.86541812	0.89900527	0.01634228	0.03599981	0.06173968	0.06854148	1.66E-01	0.00899995	0.02645986	0.06305816	9.85E-02	1614.25604	1452.83044	144,866	0.3827%	3.3611%
County	Fresno	2035 Annual	T7 tractor construction	45 MPH	0.16896995	1.87126253	0.90094217	0.0163423	0.03599981	0.06173968	0.06872831	1.66E-01	0.00899995	0.02645986	0.06323005	9.87E-02	1614.258	1452.8322	8,067	0.0213%	0.1872%
County	Fresno	2035 Annual	T7 utility	45 MPH	0.110399	0.902847	0.58651551	0.01634206	0.03599981	0.06173968	0.03798174	1.36E-01	0.00899995	0.02645986	0.0349432	7.04E-02	1614.23407	1452.81066	233	0.0006%	0.0054%
County	Fresno	2035 Annual	T7IS	45 MPH	0.29290527	4.89894646	22.3270186	0.00626109	0.00799996	0.03674982	0.00010926	4.49E-02	0.00199999	0.01574992	0.00010137	1.79E-02	452.055835	406.850251	1,678	0.0044%	0.0389%
County	Fresno	2035 Annual	UBUS	45 MPH	0.16796961	4.46819723	1.53728246	0.01779091	0.00799996	0.60947975	0.05883817	6.76E-01	0.00199999	0.26120559	0.05413161	3.17E-01	1766.42276	1589.78049	3,643	0.0096%	0.0845%
																			4,310,125	11.3848%	100%

County	Fresno	2035 Annual	All Other Buses	50 MPH	0.07178127	1.04121631	0.3914393	0.01124026	0.01199994	0.13033932	0.0472504	1.90E-01	0.00299998	0.05585971	0.04347037	1.02E-01	1019.41117	917.470056	2,013	0.0053%	0.0392%
County	Fresno	2035 Annual	LDA	50 MPH	0.00698115	0.05346077	0.53415117	0.00338601	0.00799996	0.03674982	0.00147753	4.62E-02	0.00199999	0.01574992	0.00137082	1.91E-02	292.184513	173.785178	2,238,420	5.9126%	43.6293%
County	Fresno	2035 Annual	LDT1	50 MPH	0.00840048	0.06117727	0.62527571	0.00393205	0.00799996	0.03674981	0.00147149	4.62E-02	0.00199999	0.01574992	0.00136526	1.91E-02	339.297625	206.597133	331,797	0.8764%	6.4671%
County	Fresno	2035 Annual	LDT2	50 MPH	0.00857296	0.06553506	0.62459234	0.00459691	0.00799996	0.03674981	0.00146327	4.62E-02	0.00199999	0.01574992	0.00135766	1.91E-02	396.82443	269.605905	826,051	2.1819%	16.1006%
County	Fresno	2035 Annual	LHD1	50 MPH	0.02157244	0.43731753	0.24532282	0.0078876	0.00951721	0.05180477	0.00518148	6.65E-02	0.0023793	0.02220204	0.00476762	2.93E-02	478.871952	430.984756	228,337	0.6031%	4.4505%
County	Fresno	2035 Annual	LHD2	50 MPH	0.02964881	0.56822596	0.2908954	0.00676298	0.01046927	0.06911637	0.00784579	8.74E-02	0.00261732	0.0296213	0.00721845	3.95E-02	494.316318	444.884686	38,148	0.1008%	0.7435%
County	Fresno	2035 Annual	MCY	50 MPH	2.19785309	1.20227981	19.6695678	0.00226497	0.00799996	0.03674981	0.00020734	4.50E-02	0.00199999	0.01574992	0.00017941	1.79E-02	149.01587	134.114283	34,759	0.0918%	0.6775%
County	Fresno	2035 Annual	MDV	50 MPH	0.01183267	0.08855087	0.8234565	0.00588864	0.00799996	0.03674981	0.00143651	4.62E-02	0.00199999	0.01574992	0.00133282	1.91E-02	508.296969	353.575657	848,370	2.2409%	16.5357%
County	Fresno	2035 Annual	MH	50 MPH	0.01805658	0.71575804	0.18427741	0.00769732	0.00871128	0.05339292	0.00885021	7.10E-02	0.00217782	0.02288268	0.00814287	3.32E-02	561.071517	504.964366	6,865	0.0181%	0.1338%
County	Fresno	2035 Annual	Motor Coach	50 MPH	0.1377271	1.55411552	0.84601079	0.016342	0.01199994	0.13033932	0.06865113	2.11E-01	0.00299998	0.05585971	0.06315904	1.22E-01	1575.51123	1417.96011	3,418	0.0090%	0.0666%
County	Fresno	2035 Annual	OBUS	50 MPH	0.00827948	0.19200714	0.21504829	0.00684466	0.00799996	0.03674982	0.00010322	4.49E-02	0.00199999	0.01574992	9.5767E-05	1.78E-02	454.321799	408.889619	3,429	0.0091%	0.0668%
County	Fresno	2035 Annual	PTO	50 MPH	0.26476021	2.07326531	0.81460225	0.0201976			0.04421881	4.42E-02			0.04068131	4.07E-02	2117.0832	1905.37488	0	0.0000%	0.0000%
County	Fresno	2035 Annual	SBUS	50 MPH	0.0978654	2.29136852	0.71473865	0.01062536	0.01065255	0.50629256	0.04208153	5.59E-01	0.00266314	0.21698253	0.03871549	2.58E-01	844.250978	759.82588	693	0.0018%	0.0135%
County	Fresno	2035 Annual	T6 Ag	50 MPH	0.07000238	0.99169501	0.38173859	0.01124201	0.01199994	0.13033932	0.0456495	1.88E-01	0.00299998	0.05585971	0.04199754	1.01E-01	1019.56953	917.612578	2,780	0.0073%	0.0542%
County	Fresno	2035 Annual	T6 CAIRP heavy	50 MPH	0.06113237	0.81341501	0.33336846	0.01123962	0.01199994	0.13033932	0.03837757	1.81E-01	0.00299998	0.05585971	0.03530737	9.42E-02	1019.35255	917.417294	144	0.0004%	0.0028%
County	Fresno	2035 Annual	T6 CAIRP small	50 MPH	0.05809752	0.74796318	0.31681874	0.01123956	0.01199994	0.13033932	0.03583951	1.78E-01	0.00299998	0.05585971	0.03297235	9.18E-02	1019.34717	917.412451	497	0.0013%	0.0097%
County	Fresno	2035 Annual	T6 instate construction heavy	50 MPH	0.06890079	0.98016877	0.3757314	0.01123986	0.01199994	0.13033932	0.04486709	1.87E-01	0.00299998	0.05585971	0.04127772	1.00E-01	1019.37509	917.437581	4,504	0.0119%	0.0878%
County	Fresno	2035 Annual	T6 instate construction small	50 MPH	0.06276764	0.84870875	0.34228597	0.01123963	0.01199994	0.13033932	0.03974677	1.82E-01	0.00299998	0.05585971	0.03656703	9.54E-02	1019.35351	917.418159	12,325	0.0326%	0.2402%
County	Fresno	2035 Annual	T6 instate heavy	50 MPH	0.06901487	0.98254235	0.3763535	0.01123988	0.01199994	0.13033932	0.0449613	1.87E-01	0.00299998	0.05585971	0.0413644	1.00E-01	1019.37673	917.439059	10,577	0.0279%	0.2062%
County	Fresno	2035 Annual	T6 instate small	50 MPH	0.06280777	0.84955016	0.34250483	0.01123963	0.01199994	0.13033932	0.03978	1.82E-01	0.00299998	0.05585971	0.0365976	9.55E-02	1019.35398	917.41858	28,828	0.0761%	0.5619%
County	Fresno	2035 Annual	T6 OOS heavy	50 MPH	0.06113237	0.81341501	0.33336846	0.01123962	0.01199994	0.13033932	0.03837757	1.81E-01	0.00299998	0.05585971	0.03530737	9.42E-02	1019.35255	917.417294	82	0.0002%	0.0016%
County	Fresno	2035 Annual	T6 OOS small	50 MPH	0.05809752	0.74796318	0.31681874	0.01123956	0.01199994	0.13033932	0.03583951	1.78E-01	0.00299998	0.05585971	0.03297235	9.18E-02	1019.34717	917.412451	285	0.0008%	0.0056%
County	Fresno	2035 Annual	T6 Public	50 MPH	0.05168731	1.03403114	0.28089041	0.0112677	0.01199994	0.13033932	0.03131045	1.74E-01	0.00299998	0.05585971	0.02880561	8.77E-02	1021.89915	919.709235	1,161	0.0031%	0.0226%
County	Fresno	2035 Annual	T6 utility	50 MPH	0.04893853	0.54977256	0.26687272	0.01123959	0.01199994	0.13033932	0.0281662	1.71E-01	0.00299998	0.05585971	0.0259129	8.48E-02	1019.35018	917.415165	303	0.0008%	0.0059%
County	Fresno	2035 Annual	T6TS	50 MPH	0.00708235	0.17443596	0.18670752	0.00684391	0.00799996	0.03674981	0.00010433	4.49E-02	0.00199999	0.01574992	9.6801E-05	1.78E-02	454.321814	408.889633	11,092	0.0293%	0.2162%
County	Fresno	2035 Annual	T7 Ag	50 MPH	0.1457953	1.68074454	0.89533163	0.01634453	0.03599981	0.06173968	0.07355339	1.71E-01	0.00899995	0.02645986	0.06766912	1.03E-01	1575.7552	1418.17968	9,462	0.0250%	0.1844%
County	Fresno	2035 Annual	T7 CAIRP	50 MPH	0.15020439	1.77648808	0.92328735	0.01634186	0.03599981	0.06173968	0.0769543	1.75E-01	0.00899995	0.02645986	0.07079796	1.06E-01	1575.49797	1417.94817	105,995	0.2800%	2.0660%
County	Fresno	2035 Annual	T7 CAIRP construction	50 MPH	0.15021313	1.77664703	0.92334157	0.01634186	0.03599981	0.06173968	0.0769602	1.75E-01	0.00899995	0.02645986	0.07080338	1.06E-01	1575.49792	1417.94813	4,350	0.0115%	0.0848%
County	Fresno	2035 Annual	T7 NNOOS	50 MPH	0.13041101	1.42497116	0.80076291	0.01634185	0.03599981	0.06173968	0.06382821	1.62E-01	0.00899995	0.02645986	0.05872196	9.42E-02	1575.49661	1417.94695	119,240	0.3150%	2.3241%
County	Fresno	2035 Annual	T7 NOOS	50 MPH	0.15020441	1.77648786	0.92328748	0.01634186	0.03599981	0.06173968	0.07695433	1.75E-01	0.00899995	0.02645986	0.07079798	1.06E-01	1575.49796	1417.94816	38,601	0.1020%	0.7524%
County	Fresno	2035 Annual	T7 other port	50 MPH	0.18073826	2.31894204	1.11230944	0.01634184	0.03599981	0.06173968	0.09721181	1.95E-01	0.00899995	0.02645986	0.08943486	1.25E-01	1575.49574	1417.94617	1,722	0.0045%	0.0336%
County	Fresno	2035 Annual	T7 POAK	50 MPH	0.18073826	2.31894204	1.11230944	0.01634184	0.03599981	0.06173968	0.09721181	1.95E-01	0.00899995	0.02645986	0.08943486	1.25E-01	1575.49574	1417.94617	10,709	0.0283%	0.2087%
County	Fresno	2035 Annual	T7 POLA	50 MPH	0.18073826	2.31894204	1.11230944	0.01634184	0.03599981	0.06173968	0.09721181	1.95E-01	0.00899995	0.02645986	0.08943486	1.25E-01	1575.49574	1417.94617	17,556	0.0464%	0.3422%
County	Fresno	2035 Annual	T7 Public	50 MPH	0.09763872	3.31183888	0.58902611	0.01645062	0.03599981	0.06173968	0.0471265	1.45E-01	0.00899995	0.02645986	0.04335638	7.88E-02	1585.98331	1427.38498	1,345	0.0036%	0.0262%
County	Fresno	2035 Annual	T7 Single	50 MPH	0.11846844	1.21228725	0.72680906	0.01634198	0.03599981	0.06173968	0.05588883	1.54E-01	0.00899995	0.02645986	0.05141773	8.69E-02	1575.50908	1417.95817	9,747	0.0257%	0.1900%
County	Fresno	2035 Annual	T7 single construction	50 MPH	0.11850012	1.21285735	0.7270057	0.01634198	0.03599981	0.06173968	0.05591022	1.54E-01	0.00899995	0.02645986	0.0514374	8.69E-02	1575.50884	1417.95795	11,253	0.0297%	0.2193%
County	Fresno	2035 Annual	T7 SWCV	50 MPH	0.11194339	1.32766523	0.68536548	0.01635885	0.03599981	0.06173968	0.05142604	1.49E-01	0.00899995	0.02645986	0.04731195	8.28E-02	1577.13532	1419.42179	2,795	0.0074%	0.0545%
County	Fresno	2035 Annual	T7 tractor	50 MPH	0.15088853	1.7861867	0.92740885	0.01634228	0.03599981	0.06173968	0.0773263	1.75E-01	0.00899995	0.02645986	0.07114019	1.07E-01	1575.53808	1417.98427	150,658	0.3979%	2.9365%
County	Fresno	2035 Annual	T7 tractor construction	50 MPH	0.15121218	1.79178288	0.92940695	0.0163423	0.03599981	0.06173968	0.07753708	1.75E-01	0.00899995	0.02645986	0.07133411	1.07E-01	1575.53999	1417.98599	8,390	0.0222%	0.1635%
County	Fresno	2035 Annual	T7 utility	50 MPH	0.0987967	0.86449964	0.60504616	0.01634206	0.03599981	0.06173968	0.04284978	1.41E-01	0.00899995	0.02645986	0.0394218	7.49E-02	1575.51663	1417.96497	243	0.0006%	0.0047%
County	Fresno	2035 Annual	T7IS	50 MPH	0.26036938	5.07373815	22.4464686	0.00626109	0.00799996	0.03674982	9.7728E-05	4.48E-02	0.00199999	0.01574992	9.0675E-05	1.78E-02	454.321872	408.889685	1,755	0.0046%	0.0342%
County	Fresno	2035 Annual	UBUS	50 MPH	0.15592081	4.92024523	1.53517848	0.01779091	0.00799996	0.60947975	0.05549186	6.73E-01	0.00199999	0.26120559	0.05105295	3.14E-01	1767.07669	1590.36902	1,851	0.0049%	0.0361%
																			5,130,547	13.5519%	100%

County	Fresno	2035 Annual	All Other Buses	55 MPH	0.06561153	1.02119119	0.41061225	0.01124026	0.01199994	0.13033932	0.05401962	1.96E-01	0.00299998	0.05585971	0.04969805	1.09E-01	1007.69868	906.928813	2,950	0.0078%	0.0731%
County	Fresno	2035 Annual	LDA	55 MPH	0.00711551	0.05368099	0.49928929	0.00338601	0.00799996	0.03674982	0.00150597	4.63E-02	0.00199999	0.01574992	0.00139719	1.91E-02	303.163067	180.315426	1,669,523	4.4099%	41.3746%
County	Fresno	2035 Annual	LDT1	55 MPH	0.00853884	0.06154869	0.58497	0.00393205	0.00799996	0.03674981	0.00149834	4.62E-02	0.00199999	0.01574992	0.00139016	1.91E-02	351.988555	214.323996	247,470	0.6537%	6.1329%
County	Fresno	2035 Annual	LDT2	55 MPH	0.00872866	0.06585431	0.58394303	0.00459691	0.00799996	0.03674981	0.00149008	4.62E-02	0.00199999	0.01574992	0.00138253	1.91E-02	411.636408	279.669211	616,109	1.6274%	15.2686%
County	Fresno	2035 Annual	LHD1	55 MPH	0.02029119	0.48850649	0.25105239	0.0078876	0.00951721	0.05180477	0.00490301	6.62E-02	0.0023793	0.02220204	0.00451138	2.91E-02	496.309241	446.678317	93,460	0.2469%	2.3161%
County	Fresno	2035 Annual	LHD2	55 MPH	0.02801193	0.63798656	0.29623824	0.00676298	0.01046927	0.06911637	0.00742535	8.70E-02	0.00261732	0.0296213	0.00683162	3.91E-02	505.066887	454.560199	18,574	0.0491%	0.4603%
County	Fresno	2035 Annual	MCY	55 MPH	2.54155265	1.24799299	23.7141613	0.00226497	0.00799996	0.03674981	0.00023954	4.50E-02	0.00199999	0.01574992	0.00020719	1.80E-02	162.250226	146.025203	25,925	0.0685%	0.6425%
County	Fresno	2035 Annual	MDV	55 MPH	0.01202346	0.08931415	0.7702562	0.00588864	0.00799996	0.03674981	0.00146256	4.62E-02	0.00199999	0.01574992	0.00135699	1.91E-02	527.273149	366.775279	632,756	1.6714%	15.6811%
County	Fresno	2035 Annual	MH	55 MPH	0.01682772	0.71465764	0.1938356	0.00769732	0.00871128	0.05339292	0.01011637	7.22E-02	0.00217782	0.02288268	0.00930769	3.44E-02	582.01441	523.812969	9,167	0.0242%	0.2272%
County	Fresno	2035 Annual	Motor Coach	55 MPH	0.12588918	1.5242261	0.88744893	0.016342	0.01199994	0.13033932	0.07848627	2.21E-01	0.00299998	0.05585971	0.07220737	1.31E-01	1557.40945	1401.6685	4,168	0.0110%	0.1033%
County	Fresno	2035 Annual	OBUS	55 MPH	0.0076242	0.20003604	0.22779063	0.00684466	0.00799996	0.03674982	9.6238E-05	4.48E-02	0.00199999	0.01574992	8.9293E-05	1.78E-02	482.415543	434.173989	4,485	0.0118%	0.1111%
County	Fresno	2035 Annual	PTO	55 MPH	0.26476021	2.07326531	0.81460225	0.0201976			0.04421881	4.42E-02			0.04068131	4.07E-02	2117.0832	1905.37488	0	0.0000%	0.0000%
County	Fresno	2035 Annual	SBUS	55 MPH	0.08949715	2.25975906	0.74993323	0.01062536	0.01065255	0.50629256	0.04809746	5.65E-01	0.00266314	0.21698253	0.04425011	2.64E-01	845.772573	761.195316	1,032	0.0027%	0.0256%
County	Fresno	2035 Annual	T6 Ag	55 MPH	0.06398553	0.97262231	0.40043638	0.01124201	0.01199994	0.13033932	0.05218937	1.95E-01	0.00299998	0.05585971	0.04801422	1.07E-01	1007.85522	907.069697	4,074	0.0108%	0.1010%
County	Fresno	2035 Annual	T6 CAIRP heavy	55 MPH	0.05587792	0.79777107	0.34969706	0.01123962	0.01199994	0.13033932	0.04387565	1.86E-01	0.00299998	0.05585971	0.0403656	9.92E-02	1007.64073	906.876657	211	0.0006%	0.0052%
County	Fresno	2035 Annual	T6 CAIRP small	55 MPH	0.05310392	0.73357803	0.33233672	0.01123956	0.01199994	0.13033932	0.04097397	1.83E-01	0.00299998	0.05585971	0.03769606	9.66E-02	1007.63541	906.871869	729	0.0019%	0.0181%
County	Fresno	2035 Annual	T6 instate construction heavy	55 MPH	0.06297863	0.96131774	0.39413497	0.01123986	0.01199994	0.13033932	0.05129487	1.94E-01	0.00299998	0.05585971	0.04719128	1.06E-01	1007.66301	906.896711	6,600	0.0174%	0.1636%
County	Fresno	2035 Annual	T6 instate construction small	55 MPH	0.05737264	0.83238602	0.35905135	0.01123963	0.01199994	0.13033932	0.045441	1.88E-01	0.00299998	0.05585971	0.04180572	1.01E-01	1007.64168	906.877512	18,062	0.0477%	0.4476%
County	Fresno	2035 Annual	T6 instate heavy	55 MPH	0.0630829	0.96364567	0.39478753	0.01123988	0.01199994	0.13033932	0.05140258	1.94E-01	0.00299998	0.05585971	0.04729038	1.06E-01	1007.66463	906.898171	15,500	0.0409%	0.3841%
County	Fresno	2035 Annual	T6 instate small	55 MPH	0.05740932	0.83321125	0.35928093	0.01123963	0.01199994	0.13033932	0.04547899	1.88E-01	0.00299998	0.05585971	0.04184067	1.01E-01	1007.64214	906.877928	42,245	0.1116%	1.0469%
County	Fresno	2035 Annual	T6 OOS heavy	55 MPH	0.05587792	0.79777107	0.34969706	0.01123962	0.01199994	0.13033932	0.04387565	1.86E-01	0.00299998	0.05585971	0.0403656	9.92E-02	1007.64073	906.876657	121	0.0003%	0.0030%
County	Fresno	2035 Annual	T6 OOS small	55 MPH	0.05310392	0.73357803	0.33233672	0.01123956	0.01199994	0.13033932	0.04097397	1.83E-01	0.00299998	0.05585971	0.03769606	9.66E-02	1007.63541	906.871869	418	0.0011%	0.0104%
County	Fresno	2035 Annual	T6 Public	55 MPH	0.04740053	1.02236998	0.2943082	0.0112677	0.01199994	0.13033932	0.03580448	1.78E-01	0.00299998	0.05585971	0.03294012	9.18E-02	1010.15807	909.142265	1,701	0.0045%	0.0422%
County	Fresno	2035 Annual	T6 utility	55 MPH	0.04473216	0.5391991	0.27994431	0.01123959	0.01199994	0.13033932	0.03220136	1.75E-01	0.00299998	0.05585971	0.02962525	8.85E-02	1007.63839	906.874552	443	0.0012%	0.0110%
County	Fresno	2035 Annual	T6TS	55 MPH	0.00653761	0.18173012	0.19777058	0.00684391	0.00799996	0.03674981	9.7277E-05	4.48E-02	0.00199999	0.01574992	9.0257E-05	1.78E-02	482.415542	434.173988	14,508	0.0383%	0.3595%
County	Fresno	2035 Annual	T7 Ag	55 MPH	0.1332639	1.64841974	0.93918553	0.01634453	0.03599981	0.06173968	0.08409085	1.82E-01	0.00899995	0.02645986	0.07736359	1.13E-01	1557.65061	1401.88555	11,539	0.0305%	0.2860%
County	Fresno	2035 Annual	T7 CAIRP	55 MPH	0.13729402	1.74232191	0.96851054	0.01634186	0.03599981	0.06173968	0.08797899	1.86E-01	0.00899995	0.02645986	0.08094067	1.16E-01	1557.39633	1401.6567	129,254	0.3414%	3.2032%
County	Fresno	2035 Annual	T7 CAIRP construction	55 MPH	0.13730201	1.7424778	0.96856742	0.01634186	0.03599981	0.06173968	0.08798573	1.86E-01	0.00899995	0.02645986	0.08094687	1.16E-01	1557.39628	1401.65665	5,304	0.0140%	0.1315%
County	Fresno	2035 Annual	T7 NNOOS	55 MPH	0.11920192	1.39756551	0.83998478	0.01634185	0.03599981	0.06173968	0.07297242	1.71E-01	0.00899995	0.02645986	0.06713462	1.03E-01	1557.39499	1401.65549	145,406	0.3841%	3.6035%
County	Fresno	2035 Annual	T7 NOOS	55 MPH	0.13729404	1.74232169	0.96851068	0.01634186	0.03599981	0.06173968	0.08797902	1.86E-01	0.00899995	0.02645986	0.0809407	1.16E-01	1557.39633	1401.65669	47,071	0.1243%	1.1665%
County	Fresno	2035 Annual	T7 other port	55 MPH	0.16520344	2.27434316	1.16679105	0.01634184	0.03599981	0.06173968	0.11113864	2.09E-01	0.00899995	0.02645986	0.10224754	1.38E-01	1557.39413	1401.65472	2,099	0.0055%	0.0520%
County	Fresno	2035 Annual	T7 POAK	55 MPH	0.16520344	2.27434316	1.16679105	0.01634184	0.03599981	0.06173968	0.11113864	2.09E-01	0.00899995	0.02645986	0.10224754	1.38E-01	1557.39413	1401.65472	13,059	0.0345%	0.3236%
County	Fresno	2035 Annual	T7 POLA	55 MPH	0.16520344	2.27434316	1.16679105	0.01634184	0.03599981	0.06173968	0.11113864	2.09E-01	0.00899995	0.02645986	0.10224754	1.38E-01	1557.39413	1401.65472	21,409	0.0565%	0.5306%
County	Fresno	2035 Annual	T7 Public	55 MPH	0.09059926	3.31769247	0.61450026	0.01645062	0.03599981	0.06173968	0.05394294	1.52E-01	0.00899995	0.02645986	0.0496275	8.51E-02	1567.7612	1410.98508	1,641	0.0043%	0.0407%
County	Fresno	2035 Annual	T7 Single	55 MPH	0.10828584	1.18897202	0.76240863	0.01634198	0.03599981	0.06173968	0.06389562	1.62E-01	0.00899995	0.02645986	0.05878397	9.42E-02	1557.40732	1401.66659	11,886	0.0314%	0.2946%
County	Fresno	2035 Annual	T7 single construction	55 MPH	0.1083148	1.18953116	0.7626149	0.01634198	0.03599981	0.06173968	0.06392007	1.62E-01	0.00899995	0.02645986	0.05880646	9.43E-02	1557.40708	1401.66637	13,722	0.0362%	0.3401%
County	Fresno	2035 Annual	T7 SWCV	55 MPH	0.1024347	1.30633529	0.71865419	0.01635885	0.03599981	0.06173968	0.05879746	1.57E-01	0.00899995	0.02645986	0.05409366	8.96E-02	1559.01488	1403.11339	3,408	0.0090%	0.0845%
County	Fresno	2035 Annual	T7 tractor	55 MPH	0.13791936	1.751834	0.97283392	0.01634228	0.03599981	0.06173968	0.08840428	1.86E-01	0.00899995	0.02645986	0.08133193	1.17E-01	1557.43599	1401.69239	183,718	0.4853%	4.5529%
County	Fresno	2035 Annual	T7 tractor construction	55 MPH	0.13821519	1.75732255	0.97492989	0.0163423	0.03599981	0.06173968	0.08864525	1.86E-01	0.00899995	0.02645986	0.08155363	1.17E-01	1557.43788	1401.69409	10,231	0.0270%	0.2535%
County	Fresno	2035 Annual	T7 utility	55 MPH	0.09030492	0.84787322	0.6346817	0.01634206	0.03599981	0.06173968	0.04898855	1.47E-01	0.00899995	0.02645986	0.04506947	8.05E-02	1557.41478	1401.6733	296	0.0008%	0.0073%
County	Fresno	2035 Annual	T7IS	55 MPH	0.24412219	5.22322166	23.9038833	0.00626109	0.00799996	0.03674982	9.1121E-05	4.48E-02	0.00199999	0.01574992	8.4545E-05	1.78E-02	482.415493	434.173944	2,576	0.0068%	0.0638%
County	Fresno	2035 Annual	UBUS	55 MPH	0.15025733	5.66043483	1.62270163	0.01779091	0.00799996	0.60947975	0.05420054	6.72E-01	0.00199999	0.26120559	0.04986491	3.13E-01	1775.18427	1597.66584	2,295	0.0061%	0.0569%
																			4,035,142	10.6585%	100%

County	Fresno	2035 Annual	All Other Buses	60 MPH	0.06170175	1.02732708	0.43696959	0.01124026	0.01199994	0.13033932	0.06219008	2.05E-01	0.00299998	0.05585971	0.05721488	1.16E-01	1009.32515	908.392637	3,545	0.0094%	0.0893%
County	Fresno	2035 Annual	LDA	60 MPH	0.00763647	0.05476902	0.46669501	0.00338601	0.00799996	0.03674982	0.00161946	4.64E-02	0.00199999	0.01574992	0.00150247	1.93E-02	326.153223	193.990058	1,902,463	5.0252%	47.9144%
County	Fresno	2035 Annual	LDT1	60 MPH	0.00913001	0.06296897	0.54751582	0.00393205	0.00799996	0.03674981	0.00160933	4.64E-02	0.00199999	0.01574992	0.00149314	1.92E-02	378.628286	230.544426	281,999	0.7449%	7.1023%
County	Fresno	2035 Annual	LDT2	60 MPH	0.00935507	0.06726759	0.54602234	0.00459691	0.00799996	0.03674981	0.00160071	4.64E-02	0.00199999	0.01574992	0.00148517	1.92E-02	442.752034	300.80945	702,072	1.8545%	17.6820%
County	Fresno	2035 Annual	LHD1	60 MPH	0.02115053	0.58354713	0.29526626	0.0078876	0.00951721	0.05180477	0.00521892	6.65E-02	0.0023793	0.02220204	0.00480203	2.94E-02	532.796302	479.516672	0	0.0000%	0.0000%
County	Fresno	2035 Annual	LHD2	60 MPH	0.02891489	0.76697444	0.34192482	0.00676298	0.01046927	0.06911637	0.00783211	8.74E-02	0.00261732	0.0296213	0.00720584	3.94E-02	527.563376	474.807038	0	0.0000%	0.0000%
County	Fresno	2035 Annual	MCY	60 MPH	3.08751125	1.30604759	30.2910611	0.00226497	0.00799996	0.03674981	0.00029094	4.50E-02	0.00199999	0.01574992	0.00025162	1.80E-02	183.22816	164.905344	29,542	0.0780%	0.7440%
County	Fresno	2035 Annual	MDV	60 MPH	0.0128445	0.09169309	0.72078159	0.00588864	0.00799996	0.03674981	0.00157073	4.63E-02	0.00199999	0.01574992	0.00145735	1.92E-02	567.138871	394.506204	721,041	1.9046%	18.1598%
County	Fresno	2035 Annual	MH	60 MPH	0.01636781	0.72420657	0.21305572	0.00769732	0.00871128	0.05339292	0.0117489	7.39E-02	0.00217782	0.02288268	0.0108096	3.59E-02	630.652018	567.586816	10,662	0.0282%	0.2685%
County	Fresno	2035 Annual	Motor Coach	60 MPH	0.11838747	1.53338451	0.94441458	0.016342	0.01199994	0.13033932	0.09035731	2.33E-01	0.00299998	0.05585971	0.08312873	1.42E-01	1559.92318	1403.93086	1,270	0.0034%	0.0320%
County	Fresno	2035 Annual	OBUS	60 MPH	0.00736228	0.20632421	0.25592839	0.00684466	0.00799996	0.03674982	9.3534E-05	4.48E-02	0.00199999	0.01574992	8.6784E-05	1.78E-02	541.209208	487.088287	5,175	0.0137%	0.1303%
County	Fresno	2035 Annual	PTO	60 MPH	0.26476021	2.07326531	0.81460225	0.0201976			0.04421881	4.42E-02			0.04068131	4.07E-02	2117.0832	1905.37488	0	0.0000%	0.0000%
County	Fresno	2035 Annual	SBUS	60 MPH	0.08446939	2.2772661	0.81291049	0.01062536	0.01065255	0.50629256	0.05536205	5.72E-01	0.00266314	0.21698253	0.05093352	2.71E-01	866.679907	780.011916	574	0.0015%	0.0145%
County	Fresno	2035 Annual	T6 Ag	60 MPH	0.06017265	0.97846637	0.42614053	0.01124201	0.01199994	0.13033932	0.06008301	2.02E-01	0.00299998	0.05585971	0.05527637	1.14E-01	1009.48194	908.533749	4,895	0.0129%	0.1233%
County	Fresno	2035 Annual	T6 CAIRP heavy	60 MPH	0.05254817	0.80256453	0.37214424	0.01123962	0.01199994	0.13033932	0.05051183	1.93E-01	0.00299998	0.05585971	0.04647089	1.05E-01	1009.26711	908.340397	253	0.0007%	0.0064%
County	Fresno	2035 Annual	T6 CAIRP small	60 MPH	0.04993947	0.73798578	0.35366953	0.01123956	0.01199994	0.13033932	0.04717128	1.90E-01	0.00299998	0.05585971	0.04339758	1.02E-01	1009.26178	908.335602	876	0.0023%	0.0221%
County	Fresno	2035 Annual	T6 instate construction heavy	60 MPH	0.05922575	0.96709388	0.41943463	0.01123986	0.01199994	0.13033932	0.05905322	2.01E-01	0.00299998	0.05585971	0.05432896	1.13E-01	1009.28943	908.360484	7,931	0.0209%	0.1998%
County	Fresno	2035 Annual	T6 instate construction small	60 MPH	0.05395381	0.83738746	0.38209898	0.01123963	0.01199994	0.13033932	0.05231394	1.95E-01	0.00299998	0.05585971	0.04812883	1.07E-01	1009.26806	908.341254	21,704	0.0573%	0.5466%
County	Fresno	2035 Annual	T6 instate heavy	60 MPH	0.05932381	0.9694358	0.42012908	0.01123988	0.01199994	0.13033932	0.05917722	2.02E-01	0.00299998	0.05585971	0.05444304	1.13E-01	1009.29105	908.361947	18,626	0.0492%	0.4691%
County	Fresno	2035 Annual	T6 instate small	60 MPH	0.05398831	0.83821765	0.3823433	0.01123963	0.01199994	0.13033932	0.05235769	1.95E-01	0.00299998	0.05585971	0.04816907	1.07E-01	1009.26852	908.341671	50,765	0.1341%	1.2785%
County	Fresno	2035 Annual	T6 OOS heavy	60 MPH	0.05254817	0.80256453	0.37214424	0.01123962	0.01199994	0.13033932	0.05051183	1.93E-01	0.00299998	0.05585971	0.04647089	1.05E-01	1009.26711	908.340397	145	0.0004%	0.0037%
County	Fresno	2035 Annual	T6 OOS small	60 MPH	0.04993947	0.73798578	0.35366953	0.01123956	0.01199994	0.13033932	0.04717128	1.90E-01	0.00299998	0.05585971	0.04339758	1.02E-01	1009.26178	908.335602	502	0.0013%	0.0126%
County	Fresno	2035 Annual	T6 Public	60 MPH	0.0448095	1.03195851	0.31303462	0.0112677	0.01199994	0.13033932	0.04127965	1.84E-01	0.00299998	0.05585971	0.03797728	9.68E-02	1011.78851	910.609662	2,044	0.0054%	0.0515%
County	Fresno	2035 Annual	T6 utility	60 MPH	0.04206658	0.54243891	0.29791403	0.01123959	0.01199994	0.13033932	0.03707181	1.79E-01	0.00299998	0.05585971	0.03410607	9.30E-02	1009.26477	908.338289	533	0.0014%	0.0134%
County	Fresno	2035 Annual	T6TS	60 MPH	0.00632535	0.18744285	0.22220013	0.00684391	0.00799996	0.03674981	9.4543E-05	4.48E-02	0.00199999	0.01574992	8.7721E-05	1.78E-02	541.20927	487.088343	16,741	0.0442%	0.4216%
County	Fresno	2035 Annual	T7 Ag	60 MPH	0.12532273	1.65832438	0.99947218	0.01634453	0.03599981	0.06173968	0.09680958	1.95E-01	0.00899995	0.02645986	0.08906482	1.25E-01	1560.16473	1404.14826	3,515	0.0093%	0.0885%
County	Fresno	2035 Annual	T7 CAIRP	60 MPH	0.1291127	1.75279076	1.03067957	0.01634186	0.03599981	0.06173968	0.1012858	1.99E-01	0.00899995	0.02645986	0.09318293	1.29E-01	1559.91004	1403.91904	39,375	0.1040%	0.9917%
County	Fresno	2035 Annual	T7 CAIRP construction	60 MPH	0.12912021	1.75294759	1.0307401	0.01634186	0.03599981	0.06173968	0.10129356	1.99E-01	0.00899995	0.02645986	0.09319007	1.29E-01	1559.90999	1403.91899	1,616	0.0043%	0.0407%
County	Fresno	2035 Annual	T7 NNOOS	60 MPH	0.1120987	1.40596287	0.89390369	0.01634185	0.03599981	0.06173968	0.08400949	1.82E-01	0.00899995	0.02645986	0.07728873	1.13E-01	1559.9087	1403.91783	44,296	0.1170%	1.1156%
County	Fresno	2035 Annual	T7 NOOS	60 MPH	0.12911272	1.75279053	1.03067972	0.01634186	0.03599981	0.06173968	0.10128583	1.99E-01	0.00899995	0.02645986	0.09318296	1.29E-01	1559.91003	1403.91903	14,339	0.0379%	0.3611%
County	Fresno	2035 Annual	T7 other port	60 MPH	0.155359	2.28800869	1.24168778	0.01634184	0.03599981	0.06173968	0.12794834	2.26E-01	0.00899995	0.02645986	0.11771247	1.53E-01	1559.90784	1403.91705	640	0.0017%	0.0161%
County	Fresno	2035 Annual	T7 POAK	60 MPH	0.155359	2.28800869	1.24168778	0.01634184	0.03599981	0.06173968	0.12794834	2.26E-01	0.00899995	0.02645986	0.11771247	1.53E-01	1559.90784	1403.91705	3,978	0.0105%	0.1002%
County	Fresno	2035 Annual	T7 POLA	60 MPH	0.155359	2.28800869	1.24168778	0.01634184	0.03599981	0.06173968	0.12794834	2.26E-01	0.00899995	0.02645986	0.11771247	1.53E-01	1559.90784	1403.91705	6,522	0.0172%	0.1643%
County	Fresno	2035 Annual	T7 Public	60 MPH	0.08722776	3.36675891	0.65230524	0.01645062	0.03599981	0.06173968	0.06256348	1.60E-01	0.00899995	0.02645986	0.0575584	9.30E-02	1570.29164	1413.26248	500	0.0013%	0.0126%
County	Fresno	2035 Annual	T7 Single	60 MPH	0.10183311	1.19611603	0.8113479	0.01634198	0.03599981	0.06173968	0.07355982	1.71E-01	0.00899995	0.02645986	0.06767504	1.03E-01	1559.92105	1403.92894	3,621	0.0096%	0.0912%
County	Fresno	2035 Annual	T7 single construction	60 MPH	0.10186034	1.19667853	0.81156741	0.01634198	0.03599981	0.06173968	0.07358797	1.71E-01	0.00899995	0.02645986	0.06770093	1.03E-01	1559.9208	1403.92872	4,180	0.0110%	0.1053%
County	Fresno	2035 Annual	T7 SWCV	60 MPH	0.09650009	1.31594555	0.76464841	0.01635885	0.03599981	0.06173968	0.06771891	1.65E-01	0.00899995	0.02645986	0.0623014	9.78E-02	1561.5312	1405.37808	1,038	0.0027%	0.0261%
County	Fresno	2035 Annual	T7 tractor	60 MPH	0.12970077	1.76236	1.03528047	0.01634228	0.03599981	0.06173968	0.10177541	2.00E-01	0.00899995	0.02645986	0.09363338	1.29E-01	1559.94976	1403.95478	55,967	0.1478%	1.4096%
County	Fresno	2035 Annual	T7 tractor construction	60 MPH	0.12997897	1.76788153	1.03751098	0.0163423	0.03599981	0.06173968	0.10205283	2.00E-01	0.00899995	0.02645986	0.09388861	1.29E-01	1559.95165	1403.95649	3,117	0.0082%	0.0785%
County	Fresno	2035 Annual	T7 utility	60 MPH	0.08492367	0.85296772	0.67542213	0.01634206	0.03599981	0.06173968	0.05639807	1.54E-01	0.00899995	0.02645986	0.05188622	8.73E-02	1559.92852	1403.93567	90	0.0002%	0.0023%
County	Fresno	2035 Annual	T7IS	60 MPH	0.23231871	5.43234295	26.7528324	0.00626109	0.00799996	0.03674982	8.856E-05	4.48E-02	0.00199999	0.01574992	8.2169E-05	1.78E-02	541.209196	487.088277	636	0.0017%	0.0160%
County	Fresno	2035 Annual	UBUS	60 MPH	0.1502936	6.81728238	1.81540571	0.01779091	0.00799996	0.60947975	0.05482539	6.72E-01	0.00199999	0.26120559	0.05043976	3.14E-01	1792.15171	1612.93654	3,756	0.0099%	0.0946%
																			3,970,543	10.4878%	100%

County	Fresno	2035 Annual	All Other Buses	65 MPH	0.06005194	1.05962398	0.47051133	0.01124026	0.01199994	0.13033932	0.07176178	2.14E-01	0.00299998	0.05585971	0.06602084	1.25E-01	1024.29059	921.86153	558	0.0015%	0.0139%
County	Fresno	2035 Annual	LDA	65 MPH	0.00864519	0.05688152	0.43760236	0.00338601	0.00799996	0.03674982	0.00183743	4.66E-02	0.00199999	0.01574992	0.00170468	1.95E-02	364.15528	216.59362	2,040,463	5.3897%	50.6974%
County	Fresno	2035 Annual	LDT1	65 MPH	0.01029298	0.06563938	0.51430204	0.00393205	0.00799996	0.03674981	0.00182343	4.66E-02	0.00199999	0.01574992	0.00169176	1.94E-02	422.681199	257.367556	302,454	0.7989%	7.5148%
County	Fresno	2035 Annual	LDT2	65 MPH	0.01057453	0.06997831	0.51223273	0.00459691	0.00799996	0.03674981	0.00181401	4.66E-02	0.00199999	0.01574992	0.00168308	1.94E-02	494.21871	335.776369	752,998	1.9890%	18.7090%
County	Fresno	2035 Annual	LHD1	65 MPH	0.02135496	0.68835973	0.34740143	0.0078876	0.00951721	0.05180477	0.00531201	6.66E-02	0.0023793	0.02220204	0.00488767	2.95E-02	595.044376	535.539939	0	0.0000%	0.0000%
County	Fresno	2035 Annual	LHD2	65 MPH	0.02918055	0.92312548	0.3955178	0.00676298	0.01046927	0.06911637	0.00798947	8.76E-02	0.00261732	0.0296213	0.00735061	3.96E-02	565.935832	509.342249	0	0.0000%	0.0000%
County	Fresno	2035 Annual	MCY	65 MPH	3.94133545	1.37865367	41.189322	0.00226497	0.00799996	0.03674981	0.00037148	4.51E-02	0.00199999	0.01574992	0.00032136	1.81E-02	214.9121	193.42089	31,685	0.0837%	0.7873%
County	Fresno	2035 Annual	MDV	65 MPH	0.01447174	0.0960214	0.67686009	0.00588864	0.00799996	0.03674981	0.00177948	4.65E-02	0.00199999	0.01574992	0.00165101	1.94E-02	633.076032	440.372661	773,343	2.0427%	19.2145%
County	Fresno	2035 Annual	MH	65 MPH	0.01669405	0.74301397	0.24497801	0.00769732	0.00871128	0.05339292	0.0137475	7.59E-02	0.00217782	0.02288268	0.01264832	3.77E-02	715.859741	644.273767	1,668	0.0044%	0.0415%
County	Fresno	2035 Annual	Motor Coach	65 MPH	0.11522197	1.58159074	1.01690776	0.016342	0.01199994	0.13033932	0.10426424	2.47E-01	0.00299998	0.05585971	0.0959231	1.55E-01	1583.05242	1424.74718	695	0.0018%	0.0173%
County	Fresno	2035 Annual	OBUS	65 MPH	0.00755592	0.2102978	0.30526434	0.00684466	0.00799996	0.03674982	9.4758E-05	4.48E-02	0.00199999	0.01574992	8.7919E-05	1.78E-02	641.497894	577.348105	809	0.0021%	0.0201%
County	Fresno	2035 Annual	PTO	65 MPH	0.26476021	2.07326531	0.81460225	0.0201976			0.04421881	4.42E-02			0.04068131	4.07E-02	2117.0832	1905.37488	0	0.0000%	0.0000%
County	Fresno	2035 Annual	SBUS	65 MPH	0.08911465	2.35504803	0.96028746	0.01062536	0.01065255	0.50629256	0.05539238	5.72E-01	0.00266314	0.21698253	0.05096166	2.71E-01	866.679915	780.011924	0	0.0000%	0.0000%
County	Fresno	2035 Annual	T6 Ag	65 MPH	0.05856372	1.00922719	0.45885104	0.01124201	0.01199994	0.13033932	0.06933041	2.12E-01	0.00299998	0.05585971	0.06378397	1.23E-01	1024.4497	922.004734	770	0.0020%	0.0191%
County	Fresno	2035 Annual	T6 CAIRP heavy	65 MPH	0.05114311	0.82779538	0.40070999	0.01123962	0.01199994	0.13033932	0.05828613	2.01E-01	0.00299998	0.05585971	0.05362324	1.12E-01	1024.23168	921.808515	40	0.0001%	0.0010%
County	Fresno	2035 Annual	T6 CAIRP small	65 MPH	0.04860416	0.76118643	0.38081717	0.01123956	0.01199994	0.13033932	0.05443143	1.97E-01	0.00299998	0.05585971	0.05007692	1.09E-01	1024.22628	921.803648	138	0.0004%	0.0034%
County	Fresno	2035 Annual	T6 instate construction heavy	65 MPH	0.05764214	0.99749718	0.45163039	0.01123986	0.01199994	0.13033932	0.06814212	2.10E-01	0.00299998	0.05585971	0.06269075	1.22E-01	1024.25433	921.828899	1,248	0.0033%	0.0310%
County	Fresno	2035 Annual	T6 instate construction small	65 MPH	0.05251117	0.86371308	0.41142886	0.01123963	0.01199994	0.13033932	0.0603656	2.03E-01	0.00299998	0.05585971	0.05553635	1.14E-01	1024.23265	921.809384	3,416	0.0090%	0.0849%
County	Fresno	2035 Annual	T6 instate heavy	65 MPH	0.05773758	0.99991272	0.45237815	0.01123988	0.01199994	0.13033932	0.06828521	2.11E-01	0.00299998	0.05585971	0.06282239	1.22E-01	1024.25598	921.830384	2,931	0.0077%	0.0728%
County	Fresno	2035 Annual	T6 instate small	65 MPH	0.05254475	0.86456936	0.41169193	0.01123963	0.01199994	0.13033932	0.06041608	2.03E-01	0.00299998	0.05585971	0.05558279	1.14E-01	1024.23312	921.809807	7,989	0.0211%	0.1985%
County	Fresno	2035 Annual	T6 OOS heavy	65 MPH	0.05114311	0.82779538	0.40070999	0.01123962	0.01199994	0.13033932	0.05828613	2.01E-01	0.00299998	0.05585971	0.05362324	1.12E-01	1024.23168	921.808515	23	0.0001%	0.0006%
County	Fresno	2035 Annual	T6 OOS small	65 MPH	0.04860416	0.76118643	0.38081717	0.01123956	0.01199994	0.13033932	0.05443143	1.97E-01	0.00299998	0.05585971	0.05007692	1.09E-01	1024.22628	921.803648	79	0.0002%	0.0020%
County	Fresno	2035 Annual	T6 Public	65 MPH	0.04391421	1.06279671	0.33706967	0.0112677	0.01199994	0.13033932	0.04773597	1.90E-01	0.00299998	0.05585971	0.04391709	1.03E-01	1026.79047	924.111426	322	0.0008%	0.0080%
County	Fresno	2035 Annual	T6 utility	65 MPH	0.04094179	0.55949199	0.32078188	0.01123959	0.01199994	0.13033932	0.04277755	1.85E-01	0.00299998	0.05585971	0.03935535	9.82E-02	1024.22931	921.806376	84	0.0002%	0.0021%
County	Fresno	2035 Annual	T6TS	65 MPH	0.00648138	0.1910528	0.26503422	0.00684391	0.00799996	0.03674981	9.578E-05	4.48E-02	0.00199999	0.01574992	8.8868E-05	1.78E-02	641.497958	577.348162	2,616	0.0069%	0.0650%
County	Fresno	2035 Annual	T7 Ag	65 MPH	0.1219718	1.71045844	1.07619157	0.01634453	0.03599981	0.06173968	0.11170958	2.09E-01	0.00899995	0.02645986	0.10277282	1.38E-01	1583.29756	1424.9678	1,925	0.0051%	0.0478%
County	Fresno	2035 Annual	T7 CAIRP	65 MPH	0.12566043	1.80789463	1.10979443	0.01634186	0.03599981	0.06173968	0.11687473	2.15E-01	0.00899995	0.02645986	0.10752475	1.43E-01	1583.03909	1424.73518	21,567	0.0570%	0.5358%
County	Fresno	2035 Annual	T7 CAIRP construction	65 MPH	0.12566774	1.80805639	1.10985962	0.01634186	0.03599981	0.06173968	0.11688369	2.15E-01	0.00899995	0.02645986	0.10753299	1.43E-01	1583.03904	1424.73514	885	0.0023%	0.0220%
County	Fresno	2035 Annual	T7 NNOOS	65 MPH	0.10910136	1.45016324	0.96251966	0.01634185	0.03599981	0.06173968	0.09693942	1.95E-01	0.00899995	0.02645986	0.08918426	1.25E-01	1583.03773	1424.73396	24,262	0.0641%	0.6028%
County	Fresno	2035 Annual	T7 NOOS	65 MPH	0.12566045	1.8078944	1.1097946	0.01634186	0.03599981	0.06173968	0.11687477	2.15E-01	0.00899995	0.02645986	0.10752479	1.43E-01	1583.03909	1424.73518	7,854	0.0207%	0.1951%
County	Fresno	2035 Annual	T7 other port	65 MPH	0.15120495	2.35993864	1.33699961	0.01634184	0.03599981	0.06173968	0.14764092	2.45E-01	0.00899995	0.02645986	0.13582964	1.71E-01	1583.03686	1424.73317	350	0.0009%	0.0087%
County	Fresno	2035 Annual	T7 POAK	65 MPH	0.15120495	2.35993864	1.33699961	0.01634184	0.03599981	0.06173968	0.14764092	2.45E-01	0.00899995	0.02645986	0.13582964	1.71E-01	1583.03686	1424.73317	2,179	0.0058%	0.0541%
County	Fresno	2035 Annual	T7 POLA	65 MPH	0.15120495	2.35993864	1.33699961	0.01634184	0.03599981	0.06173968	0.14764092	2.45E-01	0.00899995	0.02645986	0.13582964	1.71E-01	1583.03686	1424.73317	3,572	0.0094%	0.0888%
County	Fresno	2035 Annual	T7 Public	65 MPH	0.08752422	3.4590382	0.70244105	0.01645062	0.03599981	0.06173968	0.07298814	1.71E-01	0.00899995	0.02645986	0.06714909	1.03E-01	1593.57462	1434.21716	274	0.0007%	0.0068%
County	Fresno	2035 Annual	T7 Single	65 MPH	0.09911025	1.23371928	0.87362689	0.01634198	0.03599981	0.06173968	0.08488144	1.83E-01	0.00899995	0.02645986	0.07809093	1.14E-01	1583.05026	1424.74524	1,983	0.0052%	0.0493%
County	Fresno	2035 Annual	T7 single construction	65 MPH	0.09913676	1.23429947	0.87386325	0.01634198	0.03599981	0.06173968	0.08491392	1.83E-01	0.00899995	0.02645986	0.07812081	1.14E-01	1583.05001	1424.74501	2,290	0.0060%	0.0569%
County	Fresno	2035 Annual	T7 SWCV	65 MPH	0.09413955	1.35649601	0.82334815	0.01635885	0.03599981	0.06173968	0.07819039	1.76E-01	0.00899995	0.02645986	0.07193516	1.07E-01	1584.68429	1426.21586	569	0.0015%	0.0141%
County	Fresno	2035 Annual	T7 tractor	65 MPH	0.12623277	1.81776471	1.1147485	0.01634228	0.03599981	0.06173968	0.1174397	2.15E-01	0.00899995	0.02645986	0.10804452	1.44E-01	1583.0794	1424.77146	30,654	0.0810%	0.7616%
County	Fresno	2035 Annual	T7 tractor construction	65 MPH	0.12650354	1.82345983	1.11715022	0.0163423	0.03599981	0.06173968	0.11775982	2.15E-01	0.00899995	0.02645986	0.10833904	1.44E-01	1583.08132	1424.77319	1,707	0.0045%	0.0424%
County	Fresno	2035 Annual	T7 utility	65 MPH	0.08265294	0.87978314	0.72726747	0.01634206	0.03599981	0.06173968	0.06507831	1.63E-01	0.00899995	0.02645986	0.05987205	9.53E-02	1583.05785	1424.75206	49	0.0001%	0.0012%
County	Fresno	2035 Annual	T7IS	65 MPH	0.23750108	5.62991843	31.6451323	0.00626109	0.00799996	0.03674982	8.9719E-05	4.48E-02	0.00199999	0.01574992	8.3245E-05	1.78E-02	641.49795	577.348155	341	0.0009%	0.0085%
County	Fresno	2035 Annual	UBUS	65 MPH	0.171385	7.63158067	1.8027013	0.01779091	0.00799996	0.60947975	0.05710978	6.75E-01	0.00199999	0.26120559	0.05254148	3.16E-01	1795.72221	1616.14999	0	0.0000%	0.0000%
																			4,024,790	10.6311%	100%

County	Fresno	2035 Annual	All Other Buses	70 MPH	0.0606621	1.118998	0.51123748	0.01124026	0.01199994	0.13033932	0.08273472	2.25E-01	0.00299998	0.05585971	0.07611594	1.35E-01	1052.59499	947.33549	0	0.0000%	0.0000%
County	Fresno	2035 Annual	LDA	70 MPH	0.0094065	0.05829574	0.42513219	0.00338601	0.00799996	0.03674982	0.00200083	4.68E-02	0.00199999	0.01574992	0.00185623	1.96E-02	390.774996	232.42819	1,958,958	5.1744%	52.3069%
County	Fresno	2035 Annual	LDT1	70 MPH	0.01116996	0.06739588	0.5001448	0.00393205	0.00799996	0.03674981	0.00198217	4.67E-02	0.00199999	0.01574992	0.00183902	1.96E-02	453.400105	276.0704	290,373	0.7670%	7.7534%
County	Fresno	2035 Annual	LDT2	70 MPH	0.01148934	0.07175065	0.49775244	0.00459691	0.00799996	0.03674981	0.00197089	4.67E-02	0.00199999	0.01574992	0.00182862	1.96E-02	530.03274	360.108609	722,920	1.9095%	19.3030%
County	Fresno	2035 Annual	LHD1	70 MPH	0.02292671	0.85000558	0.4501795	0.0078876	0.00951721	0.05180477	0.0058143	6.71E-02	0.0023793	0.02220204	0.0053498	2.99E-02	695.512617	625.961355	0	0.0000%	0.0000%
County	Fresno	2035 Annual	LHD2	70 MPH	0.03109547	1.16552808	0.49981519	0.00676298	0.01046927	0.06911637	0.00873244	8.83E-02	0.00261732	0.0296213	0.00803415	4.03E-02	627.865599	565.079039	0	0.0000%	0.0000%
County	Fresno	2035 Annual	MCY	70 MPH	5.27968361	1.46477574	59.434256	0.00226497	0.00799996	0.03674981	0.00049865	4.52E-02	0.00199999	0.01574992	0.00043164	1.82E-02	262.137322	235.92359	30,420	0.0804%	0.8122%
County	Fresno	2035 Annual	MDV	70 MPH	0.01569692	0.09884508	0.65811218	0.00588864	0.00799996	0.03674981	0.00193355	4.67E-02	0.00217782	0.02288268	0.00179396	2.69E-02	678.968334	472.294917	742,452	1.9611%	19.8245%
County	Fresno	2035 Annual	MH	70 MPH	0.01698919	0.75211042	0.29017604	0.00769732	0.00871128	0.05339292	0.0140489	7.62E-02	0.00217782	0.02288268	0.01292561	3.80E-02	854.317274	768.885546	0	0.0000%	0.0000%
County	Fresno	2035 Annual	Motor Coach	70 MPH	0.11639269	1.66944117	1.10492845	0.016342	0.01199994	0.13033932	0.12020706	2.63E-01	0.00299998	0.05585971	0.11059049	1.69E-01	1626.79719	1464.11747	0	0.0000%	0.0000%
County	Fresno	2035 Annual	OBUS	70 MPH	0.0093523	0.25975513	0.46304617	0.00684466	0.00799996	0.03674982	9.9734E-05	4.48E-02	0.00199999	0.01574992	9.2537E-05	1.78E-02	803.362439	723.026195	0	0.0000%	0.0000%
County	Fresno	2035 Annual	PTO	70 MPH	0.26476021	2.07326531	0.81460225	0.0201976			0.04421881	4.42E-02			0.04068131	4.07E-02	2117.0832	1905.37488	0	0.0000%	0.0000%
County	Fresno	2035 Annual	SBUS	70 MPH	0.08911465	2.35504803	0.96028746	0.01062536	0.01065255	0.50629256	0.05539238	5.72E-01	0.00266314	0.21698253	0.05096166	2.71E-01	866.679915	780.011924	0	0.0000%	0.0000%
County	Fresno	2035 Annual	T6 Ag	70 MPH	0.05915876	1.06527965	0.4985679	0.01124201	0.01199994	0.13033932	0.07993157	2.22E-01	0.00299998	0.05585971	0.07353704	1.32E-01	1052.7585	947.482651	0	0.0000%	0.0000%
County	Fresno	2035 Annual	T6 CAIRP heavy	70 MPH	0.05166275	0.87603345	0.43539433	0.01123962	0.01199994	0.13033932	0.06719854	2.10E-01	0.00299998	0.05585971	0.06182265	1.21E-01	1052.53446	947.28101	0	0.0000%	0.0000%
County	Fresno	2035 Annual	T6 CAIRP small	70 MPH	0.04909801	0.805543	0.41377964	0.01123956	0.01199994	0.13033932	0.06275442	2.05E-01	0.00299998	0.05585971	0.05773407	1.17E-01	1052.5289	947.276009	0	0.0000%	0.0000%
County	Fresno	2035 Annual	T6 instate construction heavy	70 MPH	0.0576433	1.03724632	0.48579615	0.01123986	0.01199994	0.13033932	0.07753364	2.20E-01	0.00299998	0.05585971	0.07133095	1.30E-01	1052.56722	947.310497	0	0.0000%	0.0000%
County	Fresno	2035 Annual	T6 instate construction small	70 MPH	0.05212749	0.88708855	0.43931099	0.01123963	0.01199994	0.13033932	0.06800052	2.10E-01	0.00299998	0.05585971	0.06256048	1.21E-01	1052.53781	947.284033	0	0.0000%	0.0000%
County	Fresno	2035 Annual	T6 instate heavy	70 MPH	0.05739108	1.02919843	0.48367053	0.01123988	0.01199994	0.13033932	0.07709592	2.19E-01	0.00299998	0.05585971	0.07092825	1.30E-01	1052.56716	947.31044	0	0.0000%	0.0000%
County	Fresno	2035 Annual	T6 instate small	70 MPH	0.05197481	0.88185421	0.43802429	0.01123963	0.01199994	0.13033932	0.0677357	2.10E-01	0.00299998	0.05585971	0.06231684	1.21E-01	1052.53768	947.28391	0	0.0000%	0.0000%
County	Fresno	2035 Annual	T6 OOS heavy	70 MPH	0.05166275	0.87603345	0.43539433	0.01123962	0.01199994	0.13033932	0.06719854	2.10E-01	0.00299998	0.05585971	0.06182265	1.21E-01	1052.53446	947.28101	0	0.0000%	0.0000%
County	Fresno	2035 Annual	T6 OOS small	70 MPH	0.04909801	0.805543	0.41377964	0.01123956	0.01199994	0.13033932	0.06275442	2.05E-01	0.00299998	0.05585971	0.05773407	1.17E-01	1052.5289	947.276009	0	0.0000%	0.0000%
County	Fresno	2035 Annual	T6 Public	70 MPH	0.04429916	0.93459723	0.3671988	0.0112677	0.01199994	0.13033932	0.05430227	1.97E-01	0.00299998	0.05585971	0.04995809	1.09E-01	1054.21914	948.797227	0	0.0000%	0.0000%
County	Fresno	2035 Annual	T6 utility	70 MPH	0.04135778	0.59095126	0.34854787	0.01123959	0.01199994	0.13033932	0.04931857	1.92E-01	0.00299998	0.05585971	0.04537309	1.04E-01	1052.53201	947.278812	0	0.0000%	0.0000%
County	Fresno	2035 Annual	T6TS	70 MPH	0.0082575	0.23823918	0.41989261	0.00684391	0.00799996	0.03674981	0.00010142	4.49E-02	0.00199999	0.01574992	9.4102E-05	1.78E-02	803.362505	723.026255	0	0.0000%	0.0000%
County	Fresno	2035 Annual	T7 Ag	70 MPH	0.1232111	1.80540647	1.1693437	0.01634453	0.03599981	0.06173968	0.12879085	2.27E-01	0.00899995	0.02645986	0.11848758	1.54E-01	1627.04909	1464.34418	0	0.0000%	0.0000%
County	Fresno	2035 Annual	T7 CAIRP	70 MPH	0.12693721	1.91234458	1.20585513	0.01634186	0.03599981	0.06173968	0.13474579	2.32E-01	0.00899995	0.02645986	0.12396613	1.59E-01	1626.78349	1464.10514	0	0.0000%	0.0000%
County	Fresno	2035 Annual	T7 CAIRP construction	70 MPH	0.12694459	1.90921894	1.20592596	0.01634186	0.03599981	0.06173968	0.13475612	2.32E-01	0.00899995	0.02645986	0.12397563	1.59E-01	1626.78344	1464.10509	0	0.0000%	0.0000%
County	Fresno	2035 Annual	T7 NNOOS	70 MPH	0.11020989	1.53394549	1.04583266	0.01634185	0.03599981	0.06173968	0.11176221	2.10E-01	0.00899995	0.02645986	0.10282124	1.38E-01	1626.78209	1464.10388	0	0.0000%	0.0000%
County	Fresno	2035 Annual	T7 NOOS	70 MPH	0.12693722	1.91234434	1.20585531	0.01634186	0.03599981	0.06173968	0.13474584	2.32E-01	0.00899995	0.02645986	0.12396617	1.59E-01	1626.78348	1464.10513	0	0.0000%	0.0000%
County	Fresno	2035 Annual	T7 other port	70 MPH	0.15120495	2.34983538	1.33699961	0.01634184	0.03599981	0.06173968	0.14764092	2.45E-01	0.00899995	0.02645986	0.13582964	1.71E-01	1583.03686	1424.73317	0	0.0000%	0.0000%
County	Fresno	2035 Annual	T7 POAK	70 MPH	0.15120495	2.3538832	1.33699961	0.01634184	0.03599981	0.06173968	0.14764092	2.45E-01	0.00899995	0.02645986	0.13582964	1.71E-01	1583.03686	1424.73317	0	0.0000%	0.0000%
County	Fresno	2035 Annual	T7 POLA	70 MPH	0.15274127	2.48939808	1.45272656	0.01634184	0.03599981	0.06173968	0.17021637	2.68E-01	0.00899995	0.02645986	0.15659906	1.92E-01	1626.78119	1464.10307	0	0.0000%	0.0000%
County	Fresno	2035 Annual	T7 Public	70 MPH	0.08943392	2.6377773	0.78912791	0.01645062	0.03599981	0.06173968	0.08331151	1.81E-01	0.00899995	0.02645986	0.07664659	1.12E-01	1633.37254	1470.03529	0	0.0000%	0.0000%
County	Fresno	2035 Annual	T7 Single	70 MPH	0.10337163	1.37352551	0.98031875	0.01634198	0.03599981	0.06173968	0.10227443	2.00E-01	0.00899995	0.02645986	0.09409247	1.30E-01	1626.81809	1464.13628	0	0.0000%	0.0000%
County	Fresno	2035 Annual	T7 single construction	70 MPH	0.10349917	1.37878878	0.98155419	0.01634198	0.03599981	0.06173968	0.10246438	2.00E-01	0.00899995	0.02645986	0.09426723	1.30E-01	1626.81227	1464.13104	0	0.0000%	0.0000%
County	Fresno	2035 Annual	T7 SWCV	70 MPH	0.09673841	2.01065293	0.88297449	0.01635885	0.03599981	0.06173968	0.09251387	1.90E-01	0.00899995	0.02645986	0.08511276	1.21E-01	1630.73825	1467.66443	0	0.0000%	0.0000%
County	Fresno	2035 Annual	T7 tractor	70 MPH	0.1290842	1.95528236	1.2262171	0.01634228	0.03599981	0.06173968	0.13752455	2.35E-01	0.00899995	0.02645986	0.12652259	1.62E-01	1626.83319	1464.14987	0	0.0000%	0.0000%
County	Fresno	2035 Annual	T7 tractor construction	70 MPH	0.13003528	1.97534355	1.23529775	0.0163423	0.03599981	0.06173968	0.13881401	2.37E-01	0.00899995	0.02645986	0.12770889	1.63E-01	1626.83829	1464.15446	0	0.0000%	0.0000%
County	Fresno	2035 Annual	T7 utility	70 MPH	0.08349274	0.92863311	0.79021771	0.01634206	0.03599981	0.06173968	0.0750293	1.73E-01	0.00899995	0.02645986	0.06902695	1.04E-01	1626.80276	1464.12248	0	0.0000%	0.0000%
County	Fresno	2035 Annual	T7IS	70 MPH	0.34320894	7.46641551	51.7579964	0.00626109	0.00799996	0.03674982	9.3992E-05	4.48E-02	0.00199999	0.01574992	8.7209E-05	1.78E-02	803.362441	723.026197	0	0.0000%	0.0000%
County	Fresno	2035 Annual	UBUS	70 MPH	0.171385	7.63158067	1.8027013	0.01779091	0.00799996	0.60947975	0.05710978	6.75E-01	0.00199999	0.26120559	0.05254148	3.16E-01	1795.72221	1616.14999	0	0.0000%	0.0000%
																			3,745,122	9.8924%	100%
																		TOTAL	**37,858,534**	**100%**	**n/a**

Fresno 2035 - all Model Years | 2.205E-03 | lbs/Mile

Region_Type	Region	CalYr	Season	Veh	Speed	ROG_RUNEX	NOx_RUNEX	CO_RUNEX	SOx_RUNEX	PM10_PMTW	PM10_PMBW	PM10_RUNEX	PM10_Total	PM2_5_PMTW	PM2_5_PMBW	PM2_5_RUNEX	PM2_5_Total	CO2_RUNEX	CO2(Pavley I + LCFS)_RUNEX
County	Fresno	2035	Annual	All Other Buses	05 MPH	2.711E-03	8.821E-03	4.807E-03	2.478E-05	2.646E-05	2.873E-04	1.058E-04	4.196E-04	6.614E-06	1.231E-04	9.729E-05	2.271E-04	5.644E+00	5.079E+00
County	Fresno	2035	Annual	LDA	05 MPH	1.456E-04	2.339E-04	2.516E-03	7.465E-06	1.764E-05	8.102E-05	3.053E-05	1.292E-04	4.409E-06	3.472E-05	2.832E-05	6.745E-05	2.492E+00	1.482E+00
County	Fresno	2035	Annual	LDT1	05 MPH	1.722E-04	2.702E-04	2.968E-03	8.669E-06	1.764E-05	8.102E-05	3.038E-05	1.290E-04	4.409E-06	3.472E-05	2.819E-05	6.732E-05	2.896E+00	1.763E+00
County	Fresno	2035	Annual	LDT2	05 MPH	1.780E-04	2.887E-04	2.947E-03	1.013E-05	1.764E-05	8.102E-05	3.035E-05	1.290E-04	4.409E-06	3.472E-05	2.816E-05	6.729E-05	3.389E+00	2.303E+00
County	Fresno	2035	Annual	LHD1	05 MPH	2.231E-04	1.345E-03	2.992E-03	1.739E-05	2.098E-05	1.142E-04	4.539E-05	1.806E-04	5.245E-06	4.895E-05	4.178E-05	9.597E-05	3.873E+00	3.486E+00
County	Fresno	2035	Annual	LHD2	05 MPH	2.714E-04	1.886E-03	3.546E-03	1.491E-05	2.308E-05	1.524E-04	6.763E-05	2.431E-04	5.770E-06	6.530E-05	6.223E-05	1.333E-04	2.827E+00	2.544E+00
County	Fresno	2035	Annual	MCY	05 MPH	1.040E-02	2.725E-03	5.263E-02	4.993E-06	1.764E-05	8.102E-05	1.030E-06	9.969E-05	4.409E-06	3.472E-05	9.057E-07	4.004E-05	5.873E-01	5.286E-01
County	Fresno	2035	Annual	MDV	05 MPH	2.424E-04	3.952E-04	3.903E-03	1.298E-05	1.764E-05	8.102E-05	2.970E-05	1.284E-04	4.409E-06	3.472E-05	2.756E-05	6.669E-05	4.341E+00	3.019E+00
County	Fresno	2035	Annual	MH	05 MPH	5.122E-04	4.290E-03	2.106E-03	1.697E-05	1.920E-05	1.177E-04	4.212E-05	1.790E-04	4.801E-06	5.045E-05	3.876E-05	9.401E-05	5.500E+00	4.950E+00
County	Fresno	2035	Annual	Motor Coach	05 MPH	5.201E-03	1.317E-02	1.039E-02	3.603E-05	2.646E-05	2.873E-04	1.537E-04	4.675E-04	6.614E-06	1.231E-04	1.414E-04	2.711E-04	8.722E+00	7.850E+00
County	Fresno	2035	Annual	OBUS	05 MPH	1.779E-04	2.935E-04	2.633E-03	1.509E-05	1.764E-05	8.102E-05	2.204E-06	1.009E-04	4.409E-06	3.472E-05	2.045E-06	4.118E-05	5.541E+00	4.987E+00
County	Fresno	2035	Annual	PTO	05 MPH	5.837E-04	4.571E-03	1.796E-03	4.453E-05	0.000E+00	0.000E+00	9.748E-05	9.748E-05	0.000E+00	0.000E+00	8.969E-05	8.969E-05	4.667E+00	4.201E+00
County	Fresno	2035	Annual	SBUS	05 MPH	3.539E-03	1.830E-02	8.757E-03	2.342E-05	2.348E-05	1.116E-03	9.535E-05	1.235E-03	5.871E-06	4.784E-04	8.773E-05	5.720E-04	5.693E+00	5.124E+00
County	Fresno	2035	Annual	T6 Ag	05 MPH	2.643E-03	8.402E-03	4.688E-03	2.478E-05	2.646E-05	2.873E-04	1.022E-04	4.160E-04	6.614E-06	1.231E-04	9.400E-05	2.238E-04	5.644E+00	5.080E+00
County	Fresno	2035	Annual	T6 CAIRP heavy	05 MPH	2.308E-03	6.891E-03	4.094E-03	2.478E-05	2.646E-05	2.873E-04	8.590E-05	3.997E-04	6.614E-06	1.231E-04	7.902E-05	2.088E-04	5.643E+00	5.079E+00
County	Fresno	2035	Annual	T6 CAIRP small	05 MPH	2.194E-03	6.337E-03	3.890E-03	2.478E-05	2.646E-05	2.873E-04	8.022E-05	3.940E-04	6.614E-06	1.231E-04	7.380E-05	2.036E-04	5.643E+00	5.079E+00
County	Fresno	2035	Annual	T6 instate construction heavy	05 MPH	2.602E-03	8.304E-03	4.614E-03	2.478E-05	2.646E-05	2.873E-04	1.004E-04	4.142E-04	6.614E-06	1.231E-04	9.239E-05	2.221E-04	5.643E+00	5.079E+00
County	Fresno	2035	Annual	T6 instate construction small	05 MPH	2.370E-03	7.190E-03	4.203E-03	2.478E-05	2.646E-05	2.873E-04	8.896E-05	4.028E-04	6.614E-06	1.231E-04	8.184E-05	2.116E-04	5.643E+00	5.079E+00
County	Fresno	2035	Annual	T6 instate heavy	05 MPH	2.606E-03	8.324E-03	4.621E-03	2.478E-05	2.646E-05	2.873E-04	1.006E-04	4.144E-04	6.614E-06	1.231E-04	9.258E-05	2.223E-04	5.643E+00	5.079E+00
County	Fresno	2035	Annual	T6 instate small	05 MPH	2.372E-03	7.198E-03	4.206E-03	2.478E-05	2.646E-05	2.873E-04	8.904E-05	4.028E-04	6.614E-06	1.231E-04	8.191E-05	2.117E-04	5.643E+00	5.079E+00
County	Fresno	2035	Annual	T6 OOS heavy	05 MPH	2.308E-03	6.891E-03	4.094E-03	2.478E-05	2.646E-05	2.873E-04	8.590E-05	3.997E-04	6.614E-06	1.231E-04	7.902E-05	2.088E-04	5.643E+00	5.079E+00
County	Fresno	2035	Annual	T6 OOS small	05 MPH	2.194E-03	6.337E-03	3.890E-03	2.478E-05	2.646E-05	2.873E-04	8.022E-05	3.940E-04	6.614E-06	1.231E-04	7.380E-05	2.036E-04	5.643E+00	5.079E+00
County	Fresno	2035	Annual	T6 Public	05 MPH	1.964E-03	8.378E-03	3.462E-03	2.484E-05	2.646E-05	2.873E-04	8.366E-05	3.975E-04	6.614E-06	1.231E-04	7.696E-05	2.067E-04	5.657E+00	5.092E+00
County	Fresno	2035	Annual	T6 utility	05 MPH	1.848E-03	4.658E-03	3.277E-03	2.478E-05	2.646E-05	2.873E-04	6.304E-05	3.768E-04	6.614E-06	1.231E-04	5.800E-05	1.878E-04	5.643E+00	5.079E+00
County	Fresno	2035	Annual	T6TS	05 MPH	1.521E-04	2.666E-04	2.286E-03	1.509E-05	1.764E-05	8.102E-05	2.228E-06	1.009E-04	4.409E-06	3.472E-05	2.067E-06	4.120E-05	5.541E+00	4.987E+00
County	Fresno	2035	Annual	T7 Ag	05 MPH	5.506E-03	1.424E-02	1.099E-02	3.603E-05	7.937E-05	1.361E-04	1.646E-04	3.801E-04	1.984E-05	5.833E-05	1.515E-04	2.296E-04	8.724E+00	7.851E+00
County	Fresno	2035	Annual	T7 CAIRP	05 MPH	5.672E-03	1.505E-02	1.134E-02	3.603E-05	7.937E-05	1.361E-04	1.722E-04	3.877E-04	1.984E-05	5.833E-05	1.585E-04	2.366E-04	8.722E+00	7.850E+00
County	Fresno	2035	Annual	T7 CAIRP construction	05 MPH	5.672E-03	1.505E-02	1.134E-02	3.603E-05	7.937E-05	1.361E-04	1.723E-04	3.877E-04	1.984E-05	5.833E-05	1.585E-04	2.366E-04	8.722E+00	7.850E+00
County	Fresno	2035	Annual	T7 NNOOS	05 MPH	4.925E-03	1.207E-02	9.833E-03	3.603E-05	7.937E-05	1.361E-04	1.429E-04	3.583E-04	1.984E-05	5.833E-05	1.314E-04	2.096E-04	8.722E+00	7.850E+00
County	Fresno	2035	Annual	T7 NOOS	05 MPH	5.672E-03	1.505E-02	1.134E-02	3.603E-05	7.937E-05	1.361E-04	1.722E-04	3.877E-04	1.984E-05	5.833E-05	1.585E-04	2.366E-04	8.722E+00	7.850E+00
County	Fresno	2035	Annual	T7 other port	05 MPH	6.825E-03	1.965E-02	1.366E-02	3.603E-05	7.937E-05	1.361E-04	2.176E-04	4.331E-04	1.984E-05	5.833E-05	2.002E-04	2.783E-04	8.722E+00	7.850E+00
County	Fresno	2035	Annual	T7 POAK	05 MPH	6.825E-03	1.965E-02	1.366E-02	3.603E-05	7.937E-05	1.361E-04	2.176E-04	4.331E-04	1.984E-05	5.833E-05	2.002E-04	2.783E-04	8.722E+00	7.850E+00
County	Fresno	2035	Annual	T7 POLA	05 MPH	6.825E-03	1.965E-02	1.366E-02	3.603E-05	7.937E-05	1.361E-04	2.176E-04	4.331E-04	1.984E-05	5.833E-05	2.002E-04	2.783E-04	8.722E+00	7.850E+00
County	Fresno	2035	Annual	T7 Public	05 MPH	3.791E-03	2.482E-02	7.364E-03	3.627E-05	7.937E-05	1.361E-04	2.104E-04	4.259E-04	1.984E-05	5.833E-05	1.936E-04	2.717E-04	8.780E+00	7.902E+00
County	Fresno	2035	Annual	T7 Single	05 MPH	4.474E-03	1.027E-02	8.925E-03	3.603E-05	7.937E-05	1.361E-04	1.251E-04	3.406E-04	1.984E-05	5.833E-05	1.151E-04	1.933E-04	8.722E+00	7.850E+00
County	Fresno	2035	Annual	T7 single construction	05 MPH	4.475E-03	1.028E-02	8.927E-03	3.603E-05	7.937E-05	1.361E-04	1.251E-04	3.406E-04	1.984E-05	5.833E-05	1.151E-04	1.933E-04	8.722E+00	7.850E+00
County	Fresno	2035	Annual	T7 SWCV	05 MPH	4.236E-03	1.105E-02	8.427E-03	3.606E-05	7.937E-05	1.361E-04	1.215E-04	3.370E-04	1.984E-05	5.833E-05	1.118E-04	1.900E-04	8.731E+00	7.858E+00
County	Fresno	2035	Annual	T7 tractor	05 MPH	5.698E-03	1.513E-02	1.139E-02	3.603E-05	7.937E-05	1.361E-04	1.731E-04	3.885E-04	1.984E-05	5.833E-05	1.592E-04	2.374E-04	8.722E+00	7.850E+00
County	Fresno	2035	Annual	T7 tractor construction	05 MPH	5.710E-03	1.518E-02	1.141E-02	3.603E-05	7.937E-05	1.361E-04	1.735E-04	3.890E-04	1.984E-05	5.833E-05	1.597E-04	2.378E-04	8.722E+00	7.850E+00
County	Fresno	2035	Annual	T7 utility	05 MPH	3.731E-03	7.324E-03	7.430E-03	3.603E-05	7.937E-05	1.361E-04	9.591E-05	3.114E-04	1.984E-05	5.833E-05	8.823E-05	1.664E-04	8.722E+00	7.850E+00
County	Fresno	2035	Annual	T7IS	05 MPH	5.617E-03	7.848E-03	2.732E-01	1.380E-05	1.764E-05	8.102E-05	2.087E-06	1.007E-04	4.409E-06	3.472E-05	1.936E-06	4.107E-05	5.541E+00	4.987E+00
County	Fresno	2035	Annual	UBUS	05 MPH	2.198E-03	1.948E-02	2.114E-02	3.922E-05	1.764E-05	1.344E-03	6.144E-04	1.976E-03	4.409E-06	5.759E-04	5.652E-04	1.145E-03	5.206E+00	4.685E+00

County	Fresno	2035	Annual	All Other Buses	10 MPH	1.577E-03	6.632E-03	2.995E-03	2.478E-05	2.646E-05	2.873E-04	9.699E-05	4.108E-04	6.614E-06	1.231E-04	8.923E-05	2.190E-04	4.662E+00	4.196E+00
County	Fresno	2035	Annual	LDA	10 MPH	9.077E-05	2.055E-04	2.261E-03	7.465E-06	1.764E-05	8.102E-05	1.923E-05	1.179E-04	4.409E-06	3.472E-05	1.784E-05	5.697E-05	1.837E+00	1.093E+00
County	Fresno	2035	Annual	LDT1	10 MPH	1.079E-04	2.365E-04	2.662E-03	8.669E-06	1.764E-05	8.102E-05	1.914E-05	1.178E-04	4.409E-06	3.472E-05	1.776E-05	5.689E-05	2.135E+00	1.300E+00
County	Fresno	2035	Annual	LDT2	10 MPH	1.112E-04	2.531E-04	2.648E-03	1.013E-05	1.764E-05	8.102E-05	1.910E-05	1.178E-04	4.409E-06	3.472E-05	1.772E-05	5.686E-05	2.498E+00	1.697E+00
County	Fresno	2035	Annual	LHD1	10 MPH	1.922E-04	1.235E-03	2.455E-03	1.739E-05	2.098E-05	1.142E-04	3.997E-05	1.752E-04	5.245E-06	4.895E-05	3.678E-05	9.098E-05	3.220E+00	2.898E+00
County	Fresno	2035	Annual	LHD2	10 MPH	2.375E-04	1.717E-03	2.920E-03	1.491E-05	2.308E-05	1.524E-04	5.969E-05	2.351E-04	5.770E-06	6.530E-05	5.492E-05	1.260E-04	2.424E+00	2.182E+00
County	Fresno	2035	Annual	MCY	10 MPH	9.022E-03	2.685E-03	4.869E-02	4.993E-06	1.764E-05	8.102E-05	8.862E-07	9.954E-05	4.409E-06	3.472E-05	7.781E-07	3.991E-05	5.342E-01	4.808E-01
County	Fresno	2035	Annual	MDV	10 MPH	1.521E-04	3.444E-04	3.502E-03	1.298E-05	1.764E-05	8.102E-05	1.871E-05	1.174E-04	4.409E-06	3.472E-05	1.736E-05	5.649E-05	3.200E+00	2.226E+00
County	Fresno	2035	Annual	MH	10 MPH	3.904E-04	3.720E-03	1.692E-03	1.697E-05	1.920E-05	1.177E-04	3.648E-05	1.734E-04	4.801E-06	5.045E-05	3.357E-05	8.882E-05	4.548E+00	4.093E+00
County	Fresno	2035	Annual	Motor Coach	10 MPH	3.026E-03	9.899E-03	6.472E-03	3.603E-05	2.646E-05	2.873E-04	1.409E-04	4.547E-04	6.614E-06	1.231E-04	1.296E-04	2.594E-04	7.205E+00	6.485E+00
County	Fresno	2035	Annual	OBUS	10 MPH	1.433E-04	3.011E-04	2.132E-03	1.509E-05	1.764E-05	8.102E-05	1.775E-06	1.004E-04	4.409E-06	3.472E-05	1.647E-06	4.078E-05	4.489E+00	4.040E+00
County	Fresno	2035	Annual	PTO	10 MPH	5.837E-04	4.571E-03	1.796E-03	4.453E-05	0.000E+00	0.000E+00	9.748E-05	9.748E-05	0.000E+00	0.000E+00	8.969E-05	8.969E-05	4.667E+00	4.201E+00
County	Fresno	2035	Annual	SBUS	10 MPH	2.105E-03	1.382E-02	5.992E-03	2.342E-05	2.348E-05	1.116E-03	8.730E-05	1.227E-03	5.871E-06	4.784E-04	8.033E-05	5.646E-04	4.673E+00	4.206E+00
County	Fresno	2035	Annual	T6 Ag	10 MPH	1.538E-03	6.317E-03	2.920E-03	2.478E-05	2.646E-05	2.873E-04	9.371E-05	4.075E-04	6.614E-06	1.231E-04	8.621E-05	2.160E-04	4.663E+00	4.196E+00
County	Fresno	2035	Annual	T6 CAIRP heavy	10 MPH	1.343E-03	5.181E-03	2.550E-03	2.478E-05	2.646E-05	2.873E-04	7.878E-05	3.926E-04	6.614E-06	1.231E-04	7.248E-05	2.022E-04	4.662E+00	4.196E+00
County	Fresno	2035	Annual	T6 CAIRP small	10 MPH	1.276E-03	4.764E-03	2.424E-03	2.478E-05	2.646E-05	2.873E-04	7.357E-05	3.874E-04	6.614E-06	1.231E-04	6.768E-05	1.974E-04	4.662E+00	4.196E+00
County	Fresno	2035	Annual	T6 instate construction heavy	10 MPH	1.514E-03	6.243E-03	2.874E-03	2.478E-05	2.646E-05	2.873E-04	9.210E-05	4.059E-04	6.614E-06	1.231E-04	8.473E-05	2.145E-04	4.662E+00	4.196E+00
County	Fresno	2035	Annual	T6 instate construction small	10 MPH	1.379E-03	5.406E-03	2.619E-03	2.478E-05	2.646E-05	2.873E-04	8.159E-05	3.954E-04	6.614E-06	1.231E-04	7.506E-05	2.048E-04	4.662E+00	4.196E+00
County	Fresno	2035	Annual	T6 instate heavy	10 MPH	1.516E-03	6.258E-03	2.879E-03	2.478E-05	2.646E-05	2.873E-04	9.229E-05	4.061E-04	6.614E-06	1.231E-04	8.491E-05	2.147E-04	4.662E+00	4.196E+00
County	Fresno	2035	Annual	T6 instate small	10 MPH	1.380E-03	5.411E-03	2.620E-03	2.478E-05	2.646E-05	2.873E-04	8.166E-05	3.955E-04	6.614E-06	1.231E-04	7.513E-05	2.049E-04	4.662E+00	4.196E+00
County	Fresno	2035	Annual	T6 OOS heavy	10 MPH	1.343E-03	5.181E-03	2.550E-03	2.478E-05	2.646E-05	2.873E-04	7.878E-05	3.926E-04	6.614E-06	1.231E-04	7.248E-05	2.022E-04	4.662E+00	4.196E+00
County	Fresno	2035	Annual	T6 OOS small	10 MPH	1.276E-03	4.764E-03	2.424E-03	2.478E-05	2.646E-05	2.873E-04	7.357E-05	3.874E-04	6.614E-06	1.231E-04	6.768E-05	1.974E-04	4.662E+00	4.196E+00
County	Fresno	2035	Annual	T6 Public	10 MPH	1.143E-03	6.150E-03	2.163E-03	2.484E-05	2.646E-05	2.873E-04	7.297E-05	3.868E-04	6.614E-06	1.231E-04	6.713E-05	1.969E-04	4.673E+00	4.206E+00
County	Fresno	2035	Annual	T6 utility	10 MPH	1.075E-03	3.502E-03	2.042E-03	2.478E-05	2.646E-05	2.873E-04	5.782E-05	3.716E-04	6.614E-06	1.231E-04	5.319E-05	1.830E-04	4.662E+00	4.196E+00
County	Fresno	2035	Annual	T6TS	10 MPH	1.225E-04	2.736E-04	1.851E-03	1.509E-05	1.764E-05	8.102E-05	1.794E-06	1.004E-04	4.409E-06	3.472E-05	1.664E-06	4.080E-05	4.489E+00	4.040E+00
County	Fresno	2035	Annual	T7 Ag	10 MPH	3.203E-03	1.071E-02	6.849E-03	3.603E-05	7.937E-05	1.361E-04	1.510E-04	3.665E-04	1.984E-05	5.833E-05	1.389E-04	2.171E-04	7.206E+00	6.486E+00
County	Fresno	2035	Annual	T7 CAIRP	10 MPH	3.300E-03	1.132E-02	7.063E-03	3.603E-05	7.937E-05	1.361E-04	1.580E-04	3.734E-04	1.984E-05	5.833E-05	1.453E-04	2.235E-04	7.205E+00	6.485E+00
County	Fresno	2035	Annual	T7 CAIRP construction	10 MPH	3.300E-03	1.132E-02	7.064E-03	3.603E-05	7.937E-05	1.361E-04	1.580E-04	3.735E-04	1.984E-05	5.833E-05	1.453E-04	2.235E-04	7.205E+00	6.485E+00
County	Fresno	2035	Annual	T7 NNOOS	10 MPH	2.865E-03	9.076E-03	6.126E-03	3.603E-05	7.937E-05	1.361E-04	1.310E-04	3.465E-04	1.984E-05	5.833E-05	1.205E-04	1.987E-04	7.205E+00	6.485E+00
County	Fresno	2035	Annual	T7 NOOS	10 MPH	3.300E-03	1.132E-02	7.063E-03	3.603E-05	7.937E-05	1.361E-04	1.580E-04	3.734E-04	1.984E-05	5.833E-05	1.453E-04	2.235E-04	7.205E+00	6.485E+00
County	Fresno	2035	Annual	T7 other port	10 MPH	3.970E-03	1.477E-02	8.509E-03	3.603E-05	7.937E-05	1.361E-04	1.996E-04	4.150E-04	1.984E-05	5.833E-05	1.836E-04	2.618E-04	7.205E+00	6.485E+00
County	Fresno	2035	Annual	T7 POAK	10 MPH	3.970E-03	1.477E-02	8.509E-03	3.603E-05	7.937E-05	1.361E-04	1.996E-04	4.150E-04	1.984E-05	5.833E-05	1.836E-04	2.618E-04	7.205E+00	6.485E+00
County	Fresno	2035	Annual	T7 POLA	10 MPH	3.970E-03	1.477E-02	8.509E-03	3.603E-05	7.937E-05	1.361E-04	1.996E-04	4.150E-04	1.984E-05	5.833E-05	1.836E-04	2.618E-04	7.205E+00	6.485E+00
County	Fresno	2035	Annual	T7 Public	10 MPH	2.207E-03	1.741E-02	4.651E-03	3.627E-05	7.937E-05	1.361E-04	1.639E-04	3.794E-04	1.984E-05	5.833E-05	1.508E-04	2.290E-04	7.253E+00	6.528E+00
County	Fresno	2035	Annual	T7 Single	10 MPH	2.602E-03	7.722E-03	5.560E-03	3.603E-05	7.937E-05	1.361E-04	1.147E-04	3.302E-04	1.984E-05	5.833E-05	1.055E-04	1.837E-04	7.205E+00	6.485E+00
County	Fresno	2035	Annual	T7 single construction	10 MPH	2.603E-03	7.725E-03	5.562E-03	3.603E-05	7.937E-05	1.361E-04	1.148E-04	3.302E-04	1.984E-05	5.833E-05	1.056E-04	1.838E-04	7.205E+00	6.485E+00
County	Fresno	2035	Annual	T7 SWCV	10 MPH	2.464E-03	8.234E-03	5.255E-03	3.606E-05	7.937E-05	1.361E-04	1.097E-04	3.252E-04	1.984E-05	5.833E-05	1.009E-04	1.791E-04	7.213E+00	6.491E+00
County	Fresno	2035	Annual	T7 tractor	10 MPH	3.315E-03	1.138E-02	7.095E-03	3.603E-05	7.937E-05	1.361E-04	1.587E-04	3.742E-04	1.984E-05	5.833E-05	1.460E-04	2.242E-04	7.205E+00	6.485E+00
County	Fresno	2035	Annual	T7 tractor construction	10 MPH	3.322E-03	1.141E-02	7.110E-03	3.603E-05	7.937E-05	1.361E-04	1.592E-04	3.746E-04	1.984E-05	5.833E-05	1.464E-04	2.246E-04	7.205E+00	6.485E+00
County	Fresno	2035	Annual	T7 utility	10 MPH	2.170E-03	5.506E-03	4.629E-03	3.603E-05	7.937E-05	1.361E-04	8.796E-05	3.034E-04	1.984E-05	5.833E-05	8.092E-05	1.591E-04	7.205E+00	6.485E+00
County	Fresno	2035	Annual	T7IS	10 MPH	4.567E-03	8.000E-03	2.218E-01	1.380E-05	1.764E-05	8.102E-05	1.680E-06	1.003E-04	4.409E-06	3.472E-05	1.559E-06	4.069E-05	4.489E+00	4.040E+00
County	Fresno	2035	Annual	UBUS	10 MPH	1.822E-03	1.710E-02	1.692E-02	3.922E-05	1.764E-05	1.344E-03	5.209E-04	1.882E-03	4.409E-06	5.759E-04	4.793E-04	1.060E-03	4.902E+00	4.412E+00

County	Fresno	2035	Annual	All Other Buses	15 MPH	8.013E-04	4.990E-03	1.737E-03	2.478E-05	2.646E-05	2.873E-04	8.852E-05	4.023E-04	6.614E-06	1.231E-04	8.144E-05	2.112E-04	3.828E+00	3.445E+00
County	Fresno	2035	Annual	LDA	15 MPH	6.096E-05	1.803E-04	2.095E-03	7.465E-06	1.764E-05	8.102E-05	1.277E-05	1.114E-04	4.409E-06	3.472E-05	1.185E-05	5.098E-05	1.424E+00	8.468E-01
County	Fresno	2035	Annual	LDT1	15 MPH	7.281E-05	2.068E-04	2.459E-03	8.669E-06	1.764E-05	8.102E-05	1.272E-05	1.114E-04	4.409E-06	3.472E-05	1.180E-05	5.093E-05	1.654E+00	1.007E+00
County	Fresno	2035	Annual	LDT2	15 MPH	7.476E-05	2.216E-04	2.451E-03	1.013E-05	1.764E-05	8.102E-05	1.269E-05	1.113E-04	4.409E-06	3.472E-05	1.177E-05	5.090E-05	1.936E+00	1.315E+00
County	Fresno	2035	Annual	LHD1	15 MPH	1.461E-04	1.072E-03	1.715E-03	1.739E-05	2.098E-05	1.142E-04	3.154E-05	1.667E-04	5.245E-06	4.895E-05	2.903E-05	8.322E-05	2.339E+00	2.105E+00
County	Fresno	2035	Annual	LHD2	15 MPH	1.856E-04	1.465E-03	2.052E-03	1.491E-05	2.308E-05	1.524E-04	4.729E-05	2.227E-04	5.770E-06	6.530E-05	4.351E-05	1.146E-04	1.881E+00	1.693E+00
County	Fresno	2035	Annual	MCY	15 MPH	6.986E-03	2.563E-03	4.206E-02	4.993E-06	1.764E-05	8.102E-05	6.822E-07	9.934E-05	4.409E-06	3.472E-05	5.973E-07	3.973E-05	4.520E-01	4.068E-01
County	Fresno	2035	Annual	MDV	15 MPH	1.027E-04	3.001E-04	3.237E-03	1.298E-05	1.764E-05	8.102E-05	1.243E-05	1.111E-04	4.409E-06	3.472E-05	1.153E-05	5.067E-05	2.479E+00	1.724E+00
County	Fresno	2035	Annual	MH	15 MPH	2.115E-04	2.821E-03	1.110E-03	1.697E-05	1.920E-05	1.177E-04	2.724E-05	1.642E-04	4.801E-06	5.045E-05	2.507E-05	8.032E-05	3.228E+00	2.905E+00
County	Fresno	2035	Annual	Motor Coach	15 MPH	1.537E-03	7.448E-03	3.755E-03	3.603E-05	2.646E-05	2.873E-04	1.286E-04	4.424E-04	6.614E-06	1.231E-04	1.183E-04	2.481E-04	5.916E+00	5.325E+00
County	Fresno	2035	Annual	OBUS	15 MPH	9.628E-05	3.139E-04	1.463E-03	1.509E-05	1.764E-05	8.102E-05	1.187E-06	9.984E-05	4.409E-06	3.472E-05	1.102E-06	4.023E-05	3.070E+00	2.763E+00
County	Fresno	2035	Annual	PTO	15 MPH	5.837E-04	4.571E-03	1.796E-03	4.453E-05	0.000E+00	0.000E+00	9.748E-05	9.748E-05	0.000E+00	0.000E+00	8.969E-05	8.969E-05	4.667E+00	4.201E+00
County	Fresno	2035	Annual	SBUS	15 MPH	1.096E-03	1.048E-02	3.716E-03	2.342E-05	2.348E-05	1.116E-03	7.942E-05	1.219E-03	5.871E-06	4.784E-04	7.307E-05	5.573E-04	3.630E+00	3.267E+00
County	Fresno	2035	Annual	T6 Ag	15 MPH	7.814E-04	4.752E-03	1.694E-03	2.478E-05	2.646E-05	2.873E-04	8.552E-05	3.993E-04	6.614E-06	1.231E-04	7.868E-05	2.084E-04	3.829E+00	3.446E+00
County	Fresno	2035	Annual	T6 CAIRP heavy	15 MPH	6.824E-04	3.898E-03	1.480E-03	2.478E-05	2.646E-05	2.873E-04	7.190E-05	3.857E-04	6.614E-06	1.231E-04	6.615E-05	1.959E-04	3.828E+00	3.445E+00
County	Fresno	2035	Annual	T6 CAIRP small	15 MPH	6.485E-04	3.584E-03	1.406E-03	2.478E-05	2.646E-05	2.873E-04	6.714E-05	3.809E-04	6.614E-06	1.231E-04	6.177E-05	1.915E-04	3.828E+00	3.445E+00
County	Fresno	2035	Annual	T6 instate construction heavy	15 MPH	7.691E-04	4.697E-03	1.668E-03	2.478E-05	2.646E-05	2.873E-04	8.406E-05	3.979E-04	6.614E-06	1.231E-04	7.733E-05	2.071E-04	3.828E+00	3.445E+00
County	Fresno	2035	Annual	T6 instate construction small	15 MPH	7.007E-04	4.067E-03	1.519E-03	2.478E-05	2.646E-05	2.873E-04	7.446E-05	3.883E-04	6.614E-06	1.231E-04	6.851E-05	1.983E-04	3.828E+00	3.445E+00
County	Fresno	2035	Annual	T6 instate heavy	15 MPH	7.704E-04	4.709E-03	1.670E-03	2.478E-05	2.646E-05	2.873E-04	8.423E-05	3.980E-04	6.614E-06	1.231E-04	7.749E-05	2.073E-04	3.828E+00	3.445E+00
County	Fresno	2035	Annual	T6 instate small	15 MPH	7.011E-04	4.071E-03	1.520E-03	2.478E-05	2.646E-05	2.873E-04	7.453E-05	3.883E-04	6.614E-06	1.231E-04	6.856E-05	1.983E-04	3.828E+00	3.445E+00
County	Fresno	2035	Annual	T6 OOS heavy	15 MPH	6.824E-04	3.898E-03	1.480E-03	2.478E-05	2.646E-05	2.873E-04	7.190E-05	3.857E-04	6.614E-06	1.231E-04	6.615E-05	1.959E-04	3.828E+00	3.445E+00
County	Fresno	2035	Annual	T6 OOS small	15 MPH	6.485E-04	3.584E-03	1.406E-03	2.478E-05	2.646E-05	2.873E-04	6.714E-05	3.809E-04	6.614E-06	1.231E-04	6.177E-05	1.915E-04	3.828E+00	3.445E+00
County	Fresno	2035	Annual	T6 Public	15 MPH	5.806E-04	4.532E-03	1.261E-03	2.484E-05	2.646E-05	2.873E-04	6.369E-05	3.775E-04	6.614E-06	1.231E-04	5.859E-05	1.884E-04	3.837E+00	3.454E+00
County	Fresno	2035	Annual	T6 utility	15 MPH	5.463E-04	2.635E-03	1.184E-03	2.478E-05	2.646E-05	2.873E-04	5.277E-05	3.666E-04	6.614E-06	1.231E-04	4.855E-05	1.783E-04	3.828E+00	3.445E+00
County	Fresno	2035	Annual	T6TS	15 MPH	8.228E-05	2.852E-04	1.270E-03	1.509E-05	1.764E-05	8.102E-05	1.200E-06	9.986E-05	4.409E-06	3.472E-05	1.113E-06	4.024E-05	3.070E+00	2.763E+00
County	Fresno	2035	Annual	T7 Ag	15 MPH	1.627E-03	8.055E-03	3.974E-03	3.603E-05	7.937E-05	1.361E-04	1.378E-04	3.533E-04	1.984E-05	5.833E-05	1.268E-04	2.050E-04	5.917E+00	5.325E+00
County	Fresno	2035	Annual	T7 CAIRP	15 MPH	1.677E-03	8.513E-03	4.098E-03	3.603E-05	7.937E-05	1.361E-04	1.442E-04	3.596E-04	1.984E-05	5.833E-05	1.326E-04	2.108E-04	5.916E+00	5.324E+00
County	Fresno	2035	Annual	T7 CAIRP construction	15 MPH	1.677E-03	8.514E-03	4.098E-03	3.603E-05	7.937E-05	1.361E-04	1.442E-04	3.597E-04	1.984E-05	5.833E-05	1.326E-04	2.108E-04	5.916E+00	5.324E+00
County	Fresno	2035	Annual	T7 NNOOS	15 MPH	1.456E-03	6.829E-03	3.554E-03	3.603E-05	7.937E-05	1.361E-04	1.196E-04	3.351E-04	1.984E-05	5.833E-05	1.100E-04	1.882E-04	5.916E+00	5.324E+00
County	Fresno	2035	Annual	T7 NOOS	15 MPH	1.677E-03	8.513E-03	4.098E-03	3.603E-05	7.937E-05	1.361E-04	1.442E-04	3.596E-04	1.984E-05	5.833E-05	1.326E-04	2.108E-04	5.916E+00	5.324E+00
County	Fresno	2035	Annual	T7 other port	15 MPH	2.018E-03	1.111E-02	4.937E-03	3.603E-05	7.937E-05	1.361E-04	1.821E-04	3.976E-04	1.984E-05	5.833E-05	1.676E-04	2.457E-04	5.916E+00	5.324E+00
County	Fresno	2035	Annual	T7 POAK	15 MPH	2.018E-03	1.111E-02	4.937E-03	3.603E-05	7.937E-05	1.361E-04	1.821E-04	3.976E-04	1.984E-05	5.833E-05	1.676E-04	2.457E-04	5.916E+00	5.324E+00
County	Fresno	2035	Annual	T7 POLA	15 MPH	2.018E-03	1.111E-02	4.937E-03	3.603E-05	7.937E-05	1.361E-04	1.821E-04	3.976E-04	1.984E-05	5.833E-05	1.676E-04	2.457E-04	5.916E+00	5.324E+00
County	Fresno	2035	Annual	T7 Public	15 MPH	1.121E-03	1.229E-02	2.754E-03	3.627E-05	7.937E-05	1.361E-04	1.271E-04	3.426E-04	1.984E-05	5.833E-05	1.170E-04	1.951E-04	5.955E+00	5.360E+00
County	Fresno	2035	Annual	T7 Single	15 MPH	1.322E-03	5.810E-03	3.226E-03	3.603E-05	7.937E-05	1.361E-04	1.047E-04	3.202E-04	1.984E-05	5.833E-05	9.633E-05	1.745E-04	5.916E+00	5.325E+00
County	Fresno	2035	Annual	T7 single construction	15 MPH	1.323E-03	5.812E-03	3.227E-03	3.603E-05	7.937E-05	1.361E-04	1.047E-04	3.202E-04	1.984E-05	5.833E-05	9.637E-05	1.745E-04	5.916E+00	5.325E+00
County	Fresno	2035	Annual	T7 SWCV	15 MPH	1.252E-03	6.146E-03	3.053E-03	3.606E-05	7.937E-05	1.361E-04	9.873E-05	3.142E-04	1.984E-05	5.833E-05	9.083E-05	1.690E-04	5.922E+00	5.330E+00
County	Fresno	2035	Annual	T7 tractor	15 MPH	1.684E-03	8.560E-03	4.116E-03	3.603E-05	7.937E-05	1.361E-04	1.449E-04	3.603E-04	1.984E-05	5.833E-05	1.333E-04	2.115E-04	5.916E+00	5.325E+00
County	Fresno	2035	Annual	T7 tractor construction	15 MPH	1.688E-03	8.587E-03	4.125E-03	3.603E-05	7.937E-05	1.361E-04	1.453E-04	3.607E-04	1.984E-05	5.833E-05	1.336E-04	2.118E-04	5.916E+00	5.325E+00
County	Fresno	2035	Annual	T7 utility	15 MPH	1.103E-03	4.143E-03	2.685E-03	3.603E-05	7.937E-05	1.361E-04	8.028E-05	2.958E-04	1.984E-05	5.833E-05	7.386E-05	1.520E-04	5.916E+00	5.325E+00
County	Fresno	2035	Annual	T7IS	15 MPH	3.045E-03	8.382E-03	1.519E-01	1.380E-05	1.764E-05	8.102E-05	1.124E-06	9.978E-05	4.409E-06	3.472E-05	1.043E-06	4.017E-05	3.070E+00	2.763E+00
County	Fresno	2035	Annual	UBUS	15 MPH	1.290E-03	1.371E-02	1.132E-02	3.922E-05	1.764E-05	1.344E-03	3.845E-04	1.746E-03	4.409E-06	5.759E-04	3.537E-04	9.340E-04	4.493E+00	4.043E+00

County	Fresno	2035	Annual	All Other Buses	20 MPH	3.445E-04	3.772E-03	9.420E-04	2.478E-05	2.646E-05	2.873E-04	7.950E-05	3.933E-04	6.614E-06	1.231E-04	7.314E-05	2.029E-04	3.020E+00	2.718E+00
County	Fresno	2035	Annual	LDA	20 MPH	4.240E-05	1.613E-04	1.894E-03	7.465E-06	1.764E-05	8.102E-05	8.946E-06	1.076E-04	4.409E-06	3.472E-05	8.300E-06	4.743E-05	1.133E+00	6.739E-01
County	Fresno	2035	Annual	LDT1	20 MPH	5.080E-05	1.847E-04	2.221E-03	8.669E-06	1.764E-05	8.102E-05	8.918E-06	1.076E-04	4.409E-06	3.472E-05	8.274E-06	4.741E-05	1.317E+00	8.016E-01
County	Fresno	2035	Annual	LDT2	20 MPH	5.205E-05	1.980E-04	2.215E-03	1.013E-05	1.764E-05	8.102E-05	8.886E-06	1.075E-04	4.409E-06	3.472E-05	8.245E-06	4.738E-05	1.540E+00	1.046E+00
County	Fresno	2035	Annual	LHD1	20 MPH	1.146E-04	9.625E-04	1.257E-03	1.739E-05	2.098E-05	1.142E-04	2.549E-05	1.607E-04	5.245E-06	4.895E-05	2.345E-05	7.764E-05	1.811E+00	1.630E+00
County	Fresno	2035	Annual	LHD2	20 MPH	1.487E-04	1.293E-03	1.511E-03	1.491E-05	2.308E-05	1.524E-04	3.832E-05	2.138E-04	5.770E-06	6.530E-05	3.525E-05	1.063E-04	1.555E+00	1.400E+00
County	Fresno	2035	Annual	MCY	20 MPH	5.708E-03	2.503E-03	3.766E-02	4.993E-06	1.764E-05	8.102E-05	5.530E-07	9.921E-05	4.409E-06	3.472E-05	4.829E-07	3.961E-05	3.940E-01	3.546E-01
County	Fresno	2035	Annual	MDV	20 MPH	7.156E-05	2.673E-04	2.924E-03	1.298E-05	1.764E-05	8.102E-05	8.713E-06	1.074E-04	4.409E-06	3.472E-05	8.084E-06	4.722E-05	1.973E+00	1.372E+00
County	Fresno	2035	Annual	MH	20 MPH	1.123E-04	2.257E-03	7.648E-04	1.697E-05	1.920E-05	1.177E-04	2.063E-05	1.575E-04	4.801E-06	5.045E-05	1.899E-05	7.423E-05	2.401E+00	2.161E+00
County	Fresno	2035	Annual	Motor Coach	20 MPH	6.610E-04	5.629E-03	2.036E-03	3.603E-05	2.646E-05	2.873E-04	1.155E-04	4.293E-04	6.614E-06	1.231E-04	1.063E-04	2.360E-04	4.667E+00	4.201E+00
County	Fresno	2035	Annual	OBUS	20 MPH	6.710E-05	3.287E-04	1.057E-03	1.509E-05	1.764E-05	8.102E-05	8.279E-07	9.948E-05	4.409E-06	3.472E-05	7.681E-07	3.990E-05	2.218E+00	1.996E+00
County	Fresno	2035	Annual	PTO	20 MPH	5.685E-04	4.391E-03	1.749E-03	4.453E-05	0.000E+00	0.000E+00	9.403E-05	9.403E-05	0.000E+00	0.000E+00	8.651E-05	8.651E-05	4.667E+00	4.201E+00
County	Fresno	2035	Annual	SBUS	20 MPH	5.006E-04	7.995E-03	2.300E-03	2.342E-05	2.348E-05	1.116E-03	7.119E-05	1.211E-03	5.871E-06	4.784E-04	6.550E-05	5.497E-04	2.795E+00	2.515E+00
County	Fresno	2035	Annual	T6 Ag	20 MPH	3.360E-04	3.592E-03	9.186E-04	2.478E-05	2.646E-05	2.873E-04	7.681E-05	3.906E-04	6.614E-06	1.231E-04	7.066E-05	2.004E-04	3.020E+00	2.718E+00
County	Fresno	2035	Annual	T6 CAIRP heavy	20 MPH	2.934E-04	2.946E-03	8.022E-04	2.478E-05	2.646E-05	2.873E-04	6.457E-05	3.784E-04	6.614E-06	1.231E-04	5.941E-05	1.892E-04	3.020E+00	2.718E+00
County	Fresno	2035	Annual	T6 CAIRP small	20 MPH	2.788E-04	2.709E-03	7.624E-04	2.478E-05	2.646E-05	2.873E-04	6.030E-05	3.741E-04	6.614E-06	1.231E-04	5.548E-05	1.852E-04	3.020E+00	2.718E+00
County	Fresno	2035	Annual	T6 instate construction heavy	20 MPH	3.307E-04	3.550E-03	9.042E-04	2.478E-05	2.646E-05	2.873E-04	7.549E-05	3.893E-04	6.614E-06	1.231E-04	6.945E-05	1.992E-04	3.020E+00	2.718E+00
County	Fresno	2035	Annual	T6 instate construction small	20 MPH	3.012E-04	3.074E-03	8.237E-04	2.478E-05	2.646E-05	2.873E-04	6.688E-05	3.807E-04	6.614E-06	1.231E-04	6.153E-05	1.913E-04	3.020E+00	2.718E+00
County	Fresno	2035	Annual	T6 instate heavy	20 MPH	3.312E-04	3.559E-03	9.057E-04	2.478E-05	2.646E-05	2.873E-04	7.565E-05	3.894E-04	6.614E-06	1.231E-04	6.960E-05	1.994E-04	3.020E+00	2.718E+00
County	Fresno	2035	Annual	T6 instate small	20 MPH	3.014E-04	3.077E-03	8.242E-04	2.478E-05	2.646E-05	2.873E-04	6.693E-05	3.807E-04	6.614E-06	1.231E-04	6.158E-05	1.913E-04	3.020E+00	2.718E+00
County	Fresno	2035	Annual	T6 OOS heavy	20 MPH	2.934E-04	2.946E-03	8.022E-04	2.478E-05	2.646E-05	2.873E-04	6.457E-05	3.784E-04	6.614E-06	1.231E-04	5.941E-05	1.892E-04	3.020E+00	2.718E+00
County	Fresno	2035	Annual	T6 OOS small	20 MPH	2.788E-04	2.709E-03	7.624E-04	2.478E-05	2.646E-05	2.873E-04	6.030E-05	3.741E-04	6.614E-06	1.231E-04	5.548E-05	1.852E-04	3.020E+00	2.718E+00
County	Fresno	2035	Annual	T6 Public	20 MPH	2.492E-04	3.418E-03	6.875E-04	2.484E-05	2.646E-05	2.873E-04	5.501E-05	3.688E-04	6.614E-06	1.231E-04	5.061E-05	1.804E-04	3.027E+00	2.725E+00
County	Fresno	2035	Annual	T6 utility	20 MPH	2.349E-04	1.991E-03	6.422E-04	2.478E-05	2.646E-05	2.873E-04	4.739E-05	3.612E-04	6.614E-06	1.231E-04	4.360E-05	1.734E-04	3.020E+00	2.718E+00
County	Fresno	2035	Annual	T6TS	20 MPH	5.735E-05	2.986E-04	9.178E-04	1.509E-05	1.764E-05	8.102E-05	8.368E-07	9.949E-05	4.409E-06	3.472E-05	7.764E-07	3.991E-05	2.218E+00	1.996E+00
County	Fresno	2035	Annual	T7 Ag	20 MPH	6.997E-04	6.088E-03	2.155E-03	3.603E-05	7.937E-05	1.361E-04	1.238E-04	3.392E-04	1.984E-05	5.833E-05	1.139E-04	1.920E-04	4.668E+00	4.201E+00
County	Fresno	2035	Annual	T7 CAIRP	20 MPH	7.209E-04	6.435E-03	2.222E-03	3.603E-05	7.937E-05	1.361E-04	1.295E-04	3.450E-04	1.984E-05	5.833E-05	1.191E-04	1.973E-04	4.667E+00	4.200E+00
County	Fresno	2035	Annual	T7 CAIRP construction	20 MPH	7.209E-04	6.435E-03	2.222E-03	3.603E-05	7.937E-05	1.361E-04	1.295E-04	3.450E-04	1.984E-05	5.833E-05	1.191E-04	1.973E-04	4.667E+00	4.200E+00
County	Fresno	2035	Annual	T7 NNOOS	20 MPH	6.259E-04	5.162E-03	1.927E-03	3.603E-05	7.937E-05	1.361E-04	1.074E-04	3.229E-04	1.984E-05	5.833E-05	9.880E-05	1.770E-04	4.667E+00	4.200E+00
County	Fresno	2035	Annual	T7 NOOS	20 MPH	7.209E-04	6.435E-03	2.222E-03	3.603E-05	7.937E-05	1.361E-04	1.295E-04	3.450E-04	1.984E-05	5.833E-05	1.191E-04	1.973E-04	4.667E+00	4.200E+00
County	Fresno	2035	Annual	T7 other port	20 MPH	8.674E-04	8.400E-03	2.677E-03	3.603E-05	7.937E-05	1.361E-04	1.636E-04	3.790E-04	1.984E-05	5.833E-05	1.505E-04	2.287E-04	4.667E+00	4.200E+00
County	Fresno	2035	Annual	T7 POAK	20 MPH	8.674E-04	8.400E-03	2.677E-03	3.603E-05	7.937E-05	1.361E-04	1.636E-04	3.790E-04	1.984E-05	5.833E-05	1.505E-04	2.287E-04	4.667E+00	4.200E+00
County	Fresno	2035	Annual	T7 POLA	20 MPH	8.674E-04	8.400E-03	2.677E-03	3.603E-05	7.937E-05	1.361E-04	1.636E-04	3.790E-04	1.984E-05	5.833E-05	1.505E-04	2.287E-04	4.667E+00	4.200E+00
County	Fresno	2035	Annual	T7 Public	20 MPH	4.782E-04	9.224E-03	1.532E-03	3.627E-05	7.937E-05	1.361E-04	9.725E-05	3.127E-04	1.984E-05	5.833E-05	8.947E-05	1.676E-04	4.698E+00	4.228E+00
County	Fresno	2035	Annual	T7 Single	20 MPH	5.685E-04	4.391E-03	1.749E-03	3.603E-05	7.937E-05	1.361E-04	9.403E-05	3.095E-04	1.984E-05	5.833E-05	8.651E-05	1.647E-04	4.667E+00	4.201E+00
County	Fresno	2035	Annual	T7 single construction	20 MPH	5.687E-04	4.393E-03	1.749E-03	3.603E-05	7.937E-05	1.361E-04	9.407E-05	3.095E-04	1.984E-05	5.833E-05	8.655E-05	1.647E-04	4.667E+00	4.201E+00
County	Fresno	2035	Annual	T7 SWCV	20 MPH	5.380E-04	4.642E-03	1.659E-03	3.606E-05	7.937E-05	1.361E-04	8.763E-05	3.031E-04	1.984E-05	5.833E-05	8.062E-05	1.588E-04	4.672E+00	4.205E+00
County	Fresno	2035	Annual	T7 tractor	20 MPH	7.241E-04	6.470E-03	2.232E-03	3.603E-05	7.937E-05	1.361E-04	1.301E-04	3.456E-04	1.984E-05	5.833E-05	1.197E-04	1.979E-04	4.667E+00	4.201E+00
County	Fresno	2035	Annual	T7 tractor construction	20 MPH	7.257E-04	6.490E-03	2.237E-03	3.603E-05	7.937E-05	1.361E-04	1.305E-04	3.459E-04	1.984E-05	5.833E-05	1.200E-04	1.982E-04	4.667E+00	4.201E+00
County	Fresno	2035	Annual	T7 utility	20 MPH	4.741E-04	3.131E-03	1.456E-03	3.603E-05	7.937E-05	1.361E-04	7.210E-05	2.876E-04	1.984E-05	5.833E-05	6.633E-05	1.445E-04	4.667E+00	4.201E+00
County	Fresno	2035	Annual	T7IS	20 MPH	2.115E-03	8.832E-03	1.094E-01	1.380E-05	1.764E-05	8.102E-05	7.839E-07	9.944E-05	4.409E-06	3.472E-05	7.273E-07	3.986E-05	2.218E+00	1.996E+00
County	Fresno	2035	Annual	UBUS	20 MPH	9.509E-04	1.157E-02	8.024E-03	3.922E-05	1.764E-05	1.344E-03	2.939E-04	1.655E-03	4.409E-06	5.759E-04	2.704E-04	8.507E-04	4.247E+00	3.822E+00

County	Fresno	2035	Annual	All Other Buses	25 MPH	3.010E-04	3.381E-03	8.892E-04	2.478E-05	2.646E-05	2.873E-04	7.589E-05	3.897E-04	6.614E-06	1.231E-04	6.982E-05	1.996E-04	2.818E+00	2.536E+00
County	Fresno	2035	Annual	LDA	25 MPH	3.157E-05	1.470E-04	1.757E-03	7.465E-06	1.764E-05	8.102E-05	6.613E-06	1.053E-04	4.409E-06	3.472E-05	6.135E-06	4.527E-05	9.436E-01	5.612E-01
County	Fresno	2035	Annual	LDT1	25 MPH	3.796E-05	1.681E-04	2.057E-03	8.669E-06	1.764E-05	8.102E-05	6.594E-06	1.052E-04	4.409E-06	3.472E-05	6.118E-06	4.525E-05	1.096E+00	6.674E-01
County	Fresno	2035	Annual	LDT2	25 MPH	3.879E-05	1.803E-04	2.054E-03	1.013E-05	1.764E-05	8.102E-05	6.567E-06	1.052E-04	4.409E-06	3.472E-05	6.093E-06	4.522E-05	1.282E+00	8.713E-01
County	Fresno	2035	Annual	LHD1	25 MPH	9.242E-05	8.975E-04	9.654E-04	1.739E-05	2.098E-05	1.142E-04	2.107E-05	1.563E-04	5.245E-06	4.895E-05	1.939E-05	7.358E-05	1.485E+00	1.336E+00
County	Fresno	2035	Annual	LHD2	25 MPH	1.222E-04	1.187E-03	1.164E-03	1.491E-05	2.308E-05	1.524E-04	3.175E-05	2.072E-04	5.770E-06	6.530E-05	2.921E-05	1.003E-04	1.354E+00	1.219E+00
County	Fresno	2035	Annual	MCY	25 MPH	4.899E-03	2.461E-03	3.506E-02	4.993E-06	1.764E-05	8.102E-05	4.720E-07	9.913E-05	4.409E-06	3.472E-05	4.112E-07	3.954E-05	3.539E-01	3.185E-01
County	Fresno	2035	Annual	MDV	25 MPH	5.358E-05	2.429E-04	2.709E-03	1.298E-05	1.764E-05	8.102E-05	6.442E-06	1.051E-04	4.409E-06	3.472E-05	5.977E-06	4.511E-05	1.642E+00	1.143E+00
County	Fresno	2035	Annual	MH	25 MPH	8.495E-05	2.021E-03	6.019E-04	1.697E-05	1.920E-05	1.177E-04	1.780E-05	1.547E-04	4.801E-06	5.045E-05	1.638E-05	7.163E-05	1.910E+00	1.719E+00
County	Fresno	2035	Annual	Motor Coach	25 MPH	5.775E-04	5.047E-03	1.922E-03	3.603E-05	2.646E-05	2.873E-04	1.103E-04	4.241E-04	6.614E-06	1.231E-04	1.014E-04	2.312E-04	4.355E+00	3.919E+00
County	Fresno	2035	Annual	OBUS	25 MPH	4.880E-05	3.433E-04	8.074E-04	1.509E-05	1.764E-05	8.102E-05	6.018E-07	9.926E-05	4.409E-06	3.472E-05	5.583E-07	3.969E-05	1.693E+00	1.524E+00
County	Fresno	2035	Annual	PTO	25 MPH	5.837E-04	4.571E-03	1.796E-03	4.453E-05	0.000E+00	0.000E+00	9.748E-05	9.748E-05	0.000E+00	0.000E+00	8.969E-05	8.969E-05	4.667E+00	4.201E+00
County	Fresno	2035	Annual	SBUS	25 MPH	4.261E-04	7.210E-03	1.964E-03	2.342E-05	2.348E-05	1.116E-03	6.784E-05	1.208E-03	5.871E-06	4.784E-04	6.242E-05	5.466E-04	2.481E+00	2.233E+00
County	Fresno	2035	Annual	T6 Ag	25 MPH	2.935E-04	3.221E-03	8.672E-04	2.478E-05	2.646E-05	2.873E-04	7.332E-05	3.871E-04	6.614E-06	1.231E-04	6.745E-05	1.972E-04	2.818E+00	2.536E+00
County	Fresno	2035	Annual	T6 CAIRP heavy	25 MPH	2.563E-04	2.642E-03	7.573E-04	2.478E-05	2.646E-05	2.873E-04	6.164E-05	3.754E-04	6.614E-06	1.231E-04	5.671E-05	1.865E-04	2.817E+00	2.536E+00
County	Fresno	2035	Annual	T6 CAIRP small	25 MPH	2.436E-04	2.429E-03	7.197E-04	2.478E-05	2.646E-05	2.873E-04	5.756E-05	3.714E-04	6.614E-06	1.231E-04	5.296E-05	1.827E-04	2.817E+00	2.536E+00
County	Fresno	2035	Annual	T6 instate construction heavy	25 MPH	2.889E-04	3.183E-03	8.535E-04	2.478E-05	2.646E-05	2.873E-04	7.206E-05	3.859E-04	6.614E-06	1.231E-04	6.630E-05	1.961E-04	2.818E+00	2.536E+00
County	Fresno	2035	Annual	T6 instate construction small	25 MPH	2.632E-04	2.756E-03	7.775E-04	2.478E-05	2.646E-05	2.873E-04	6.384E-05	3.776E-04	6.614E-06	1.231E-04	5.873E-05	1.885E-04	2.817E+00	2.536E+00
County	Fresno	2035	Annual	T6 instate heavy	25 MPH	2.894E-04	3.191E-03	8.549E-04	2.478E-05	2.646E-05	2.873E-04	7.221E-05	3.860E-04	6.614E-06	1.231E-04	6.644E-05	1.962E-04	2.818E+00	2.536E+00
County	Fresno	2035	Annual	T6 instate small	25 MPH	2.634E-04	2.759E-03	7.780E-04	2.478E-05	2.646E-05	2.873E-04	6.389E-05	3.777E-04	6.614E-06	1.231E-04	5.878E-05	1.885E-04	2.817E+00	2.536E+00
County	Fresno	2035	Annual	T6 OOS heavy	25 MPH	2.563E-04	2.642E-03	7.573E-04	2.478E-05	2.646E-05	2.873E-04	6.164E-05	3.754E-04	6.614E-06	1.231E-04	5.671E-05	1.865E-04	2.817E+00	2.536E+00
County	Fresno	2035	Annual	T6 OOS small	25 MPH	2.436E-04	2.429E-03	7.197E-04	2.478E-05	2.646E-05	2.873E-04	5.756E-05	3.714E-04	6.614E-06	1.231E-04	5.296E-05	1.827E-04	2.817E+00	2.536E+00
County	Fresno	2035	Annual	T6 Public	25 MPH	2.173E-04	3.111E-03	6.469E-04	2.484E-05	2.646E-05	2.873E-04	5.193E-05	3.657E-04	6.614E-06	1.231E-04	4.778E-05	1.775E-04	2.824E+00	2.542E+00
County	Fresno	2035	Annual	T6 utility	25 MPH	2.052E-04	1.785E-03	6.062E-04	2.478E-05	2.646E-05	2.873E-04	4.524E-05	3.590E-04	6.614E-06	1.231E-04	4.162E-05	1.714E-04	2.817E+00	2.536E+00
County	Fresno	2035	Annual	T6TS	25 MPH	4.171E-05	3.118E-04	7.010E-04	1.509E-05	1.764E-05	8.102E-05	6.083E-07	9.926E-05	4.409E-06	3.472E-05	5.644E-07	3.970E-05	1.693E+00	1.524E+00
County	Fresno	2035	Annual	T7 Ag	25 MPH	6.113E-04	5.458E-03	2.034E-03	3.603E-05	7.937E-05	1.361E-04	1.181E-04	3.336E-04	1.984E-05	5.833E-05	1.087E-04	1.869E-04	4.355E+00	3.920E+00
County	Fresno	2035	Annual	T7 CAIRP	25 MPH	6.298E-04	5.769E-03	2.097E-03	3.603E-05	7.937E-05	1.361E-04	1.236E-04	3.391E-04	1.984E-05	5.833E-05	1.137E-04	1.919E-04	4.355E+00	3.919E+00
County	Fresno	2035	Annual	T7 CAIRP construction	25 MPH	6.299E-04	5.770E-03	2.097E-03	3.603E-05	7.937E-05	1.361E-04	1.236E-04	3.391E-04	1.984E-05	5.833E-05	1.137E-04	1.919E-04	4.355E+00	3.919E+00
County	Fresno	2035	Annual	T7 NNOOS	25 MPH	5.468E-04	4.628E-03	1.819E-03	3.603E-05	7.937E-05	1.361E-04	1.025E-04	3.180E-04	1.984E-05	5.833E-05	9.431E-05	1.725E-04	4.355E+00	3.919E+00
County	Fresno	2035	Annual	T7 NOOS	25 MPH	6.298E-04	5.769E-03	2.097E-03	3.603E-05	7.937E-05	1.361E-04	1.236E-04	3.391E-04	1.984E-05	5.833E-05	1.137E-04	1.919E-04	4.355E+00	3.919E+00
County	Fresno	2035	Annual	T7 other port	25 MPH	7.579E-04	7.531E-03	2.527E-03	3.603E-05	7.937E-05	1.361E-04	1.561E-04	3.716E-04	1.984E-05	5.833E-05	1.436E-04	2.218E-04	4.355E+00	3.919E+00
County	Fresno	2035	Annual	T7 POAK	25 MPH	7.579E-04	7.531E-03	2.527E-03	3.603E-05	7.937E-05	1.361E-04	1.561E-04	3.716E-04	1.984E-05	5.833E-05	1.436E-04	2.218E-04	4.355E+00	3.919E+00
County	Fresno	2035	Annual	T7 POLA	25 MPH	7.579E-04	7.531E-03	2.527E-03	3.603E-05	7.937E-05	1.361E-04	1.561E-04	3.716E-04	1.984E-05	5.833E-05	1.436E-04	2.218E-04	4.355E+00	3.919E+00
County	Fresno	2035	Annual	T7 Public	25 MPH	4.141E-04	8.666E-03	1.426E-03	3.627E-05	7.937E-05	1.361E-04	8.842E-05	3.039E-04	1.984E-05	5.833E-05	8.134E-05	1.595E-04	4.384E+00	3.945E+00
County	Fresno	2035	Annual	T7 Single	25 MPH	4.968E-04	3.937E-03	1.651E-03	3.603E-05	7.937E-05	1.361E-04	8.976E-05	3.052E-04	1.984E-05	5.833E-05	8.258E-05	1.608E-04	4.355E+00	3.919E+00
County	Fresno	2035	Annual	T7 single construction	25 MPH	4.969E-04	3.939E-03	1.651E-03	3.603E-05	7.937E-05	1.361E-04	8.980E-05	3.053E-04	1.984E-05	5.833E-05	8.261E-05	1.608E-04	4.355E+00	3.919E+00
County	Fresno	2035	Annual	T7 SWCV	25 MPH	4.698E-04	4.185E-03	1.564E-03	3.606E-05	7.937E-05	1.361E-04	8.338E-05	2.989E-04	1.984E-05	5.833E-05	7.671E-05	1.549E-04	4.359E+00	3.923E+00
County	Fresno	2035	Annual	T7 tractor	25 MPH	6.327E-04	5.801E-03	2.107E-03	3.603E-05	7.937E-05	1.361E-04	1.242E-04	3.397E-04	1.984E-05	5.833E-05	1.143E-04	1.924E-04	4.355E+00	3.919E+00
County	Fresno	2035	Annual	T7 tractor construction	25 MPH	6.341E-04	5.819E-03	2.111E-03	3.603E-05	7.937E-05	1.361E-04	1.245E-04	3.400E-04	1.984E-05	5.833E-05	1.146E-04	1.927E-04	4.355E+00	3.919E+00
County	Fresno	2035	Annual	T7 utility	25 MPH	4.143E-04	2.807E-03	1.374E-03	3.603E-05	7.937E-05	1.361E-04	6.882E-05	2.843E-04	1.984E-05	5.833E-05	6.332E-05	1.415E-04	4.355E+00	3.919E+00
County	Fresno	2035	Annual	T7IS	25 MPH	1.538E-03	9.190E-03	8.369E-02	1.380E-05	1.764E-05	8.102E-05	5.698E-07	9.923E-05	4.409E-06	3.472E-05	5.287E-07	3.966E-05	1.693E+00	1.524E+00
County	Fresno	2035	Annual	UBUS	25 MPH	7.289E-04	1.025E-02	6.024E-03	3.922E-05	1.764E-05	1.344E-03	2.327E-04	1.594E-03	4.409E-06	5.759E-04	2.141E-04	7.943E-04	4.095E+00	3.686E+00

County	Fresno	2035	Annual	All Other Buses	30 MPH	2.625E-04	3.049E-03	8.523E-04	2.478E-05	2.646E-05	2.873E-04	7.537E-05	3.892E-04	6.614E-06	1.231E-04	6.934E-05	1.991E-04	2.645E+00	2.380E+00
County	Fresno	2035	Annual	LDA	30 MPH	2.457E-05	1.363E-04	1.612E-03	7.465E-06	1.764E-05	8.102E-05	5.157E-06	1.038E-04	4.409E-06	3.472E-05	4.784E-06	4.392E-05	8.113E-01	4.825E-01
County	Fresno	2035	Annual	LDT1	30 MPH	2.961E-05	1.557E-04	1.886E-03	8.669E-06	1.764E-05	8.102E-05	5.143E-06	1.038E-04	4.409E-06	3.472E-05	4.772E-06	4.390E-05	9.424E-01	5.738E-01
County	Fresno	2035	Annual	LDT2	30 MPH	3.020E-05	1.671E-04	1.885E-03	1.013E-05	1.764E-05	8.102E-05	5.119E-06	1.038E-04	4.409E-06	3.472E-05	4.750E-06	4.388E-05	1.102E+00	7.490E-01
County	Fresno	2035	Annual	LHD1	30 MPH	7.681E-05	8.587E-04	7.800E-04	1.739E-05	2.098E-05	1.142E-04	1.782E-05	1.530E-04	5.245E-06	4.895E-05	1.640E-05	7.059E-05	1.282E+00	1.153E+00
County	Fresno	2035	Annual	LHD2	30 MPH	1.029E-04	1.121E-03	9.413E-04	1.491E-05	2.308E-05	1.524E-04	2.690E-05	2.024E-04	5.770E-06	6.530E-05	2.475E-05	9.582E-05	1.229E+00	1.106E+00
County	Fresno	2035	Annual	MCY	30 MPH	4.428E-03	2.456E-03	3.376E-02	4.993E-06	1.764E-05	8.102E-05	4.239E-07	9.908E-05	4.409E-06	3.472E-05	3.685E-07	3.950E-05	3.274E-01	2.947E-01
County	Fresno	2035	Annual	MDV	30 MPH	4.180E-05	2.248E-04	2.484E-03	1.298E-05	1.764E-05	8.102E-05	5.024E-06	1.037E-04	4.409E-06	3.472E-05	4.661E-06	4.379E-05	1.412E+00	9.822E-01
County	Fresno	2035	Annual	MH	30 MPH	7.023E-05	1.877E-03	5.082E-04	1.697E-05	1.920E-05	1.177E-04	1.648E-05	1.534E-04	4.801E-06	5.045E-05	1.517E-05	7.042E-05	1.609E+00	1.448E+00
County	Fresno	2035	Annual	Motor Coach	30 MPH	5.036E-04	4.551E-03	1.842E-03	3.603E-05	2.646E-05	2.873E-04	1.095E-04	4.233E-04	6.614E-06	1.231E-04	1.007E-04	2.305E-04	4.087E+00	3.679E+00
County	Fresno	2035	Annual	OBUS	30 MPH	3.692E-05	3.591E-04	6.500E-04	1.509E-05	1.764E-05	8.102E-05	4.559E-07	9.911E-05	4.409E-06	3.472E-05	4.230E-07	3.955E-05	1.366E+00	1.229E+00
County	Fresno	2035	Annual	PTO	30 MPH	5.837E-04	4.571E-03	1.796E-03	4.453E-05	0.000E+00	0.000E+00	9.748E-05	9.748E-05	0.000E+00	0.000E+00	8.969E-05	8.969E-05	4.667E+00	4.201E+00
County	Fresno	2035	Annual	SBUS	30 MPH	3.652E-04	6.542E-03	1.750E-03	2.342E-05	2.348E-05	1.116E-03	6.729E-05	1.207E-03	5.871E-06	4.784E-04	6.191E-05	5.461E-04	2.253E+00	2.028E+00
County	Fresno	2035	Annual	T6 Ag	30 MPH	2.560E-04	2.904E-03	8.312E-04	2.478E-05	2.646E-05	2.873E-04	7.281E-05	3.866E-04	6.614E-06	1.231E-04	6.699E-05	1.967E-04	2.645E+00	2.381E+00
County	Fresno	2035	Annual	T6 CAIRP heavy	30 MPH	2.235E-04	2.382E-03	7.258E-04	2.478E-05	2.646E-05	2.873E-04	6.121E-05	3.750E-04	6.614E-06	1.231E-04	5.632E-05	1.861E-04	2.645E+00	2.380E+00
County	Fresno	2035	Annual	T6 CAIRP small	30 MPH	2.124E-04	2.190E-03	6.898E-04	2.478E-05	2.646E-05	2.873E-04	5.717E-05	3.710E-04	6.614E-06	1.231E-04	5.259E-05	1.824E-04	2.645E+00	2.380E+00
County	Fresno	2035	Annual	T6 instate construction heavy	30 MPH	2.519E-04	2.870E-03	8.181E-04	2.478E-05	2.646E-05	2.873E-04	7.156E-05	3.854E-04	6.614E-06	1.231E-04	6.584E-05	1.956E-04	2.645E+00	2.380E+00
County	Fresno	2035	Annual	T6 instate construction small	30 MPH	2.295E-04	2.485E-03	7.453E-04	2.478E-05	2.646E-05	2.873E-04	6.340E-05	3.772E-04	6.614E-06	1.231E-04	5.833E-05	1.881E-04	2.645E+00	2.380E+00
County	Fresno	2035	Annual	T6 instate heavy	30 MPH	2.524E-04	2.877E-03	8.194E-04	2.478E-05	2.646E-05	2.873E-04	7.172E-05	3.855E-04	6.614E-06	1.231E-04	6.598E-05	1.957E-04	2.645E+00	2.380E+00
County	Fresno	2035	Annual	T6 instate small	30 MPH	2.297E-04	2.488E-03	7.457E-04	2.478E-05	2.646E-05	2.873E-04	6.345E-05	3.773E-04	6.614E-06	1.231E-04	5.837E-05	1.881E-04	2.645E+00	2.380E+00
County	Fresno	2035	Annual	T6 OOS heavy	30 MPH	2.235E-04	2.382E-03	7.258E-04	2.478E-05	2.646E-05	2.873E-04	6.121E-05	3.750E-04	6.614E-06	1.231E-04	5.632E-05	1.861E-04	2.645E+00	2.380E+00
County	Fresno	2035	Annual	T6 OOS small	30 MPH	2.124E-04	2.190E-03	6.898E-04	2.478E-05	2.646E-05	2.873E-04	5.717E-05	3.710E-04	6.614E-06	1.231E-04	5.259E-05	1.824E-04	2.645E+00	2.380E+00
County	Fresno	2035	Annual	T6 Public	30 MPH	1.891E-04	2.851E-03	6.180E-04	2.484E-05	2.646E-05	2.873E-04	5.103E-05	3.648E-04	6.614E-06	1.231E-04	4.695E-05	1.767E-04	2.651E+00	2.386E+00
County	Fresno	2035	Annual	T6 utility	30 MPH	1.790E-04	1.610E-03	5.811E-04	2.478E-05	2.646E-05	2.873E-04	4.493E-05	3.587E-04	6.614E-06	1.231E-04	4.133E-05	1.711E-04	2.645E+00	2.380E+00
County	Fresno	2035	Annual	T6TS	30 MPH	3.155E-05	3.263E-04	5.643E-04	1.509E-05	1.764E-05	8.102E-05	4.609E-07	9.912E-05	4.409E-06	3.472E-05	4.276E-07	3.956E-05	1.366E+00	1.229E+00
County	Fresno	2035	Annual	T7 Ag	30 MPH	5.331E-04	4.921E-03	1.949E-03	3.603E-05	7.937E-05	1.361E-04	1.173E-04	3.328E-04	1.984E-05	5.833E-05	1.079E-04	1.861E-04	4.088E+00	3.679E+00
County	Fresno	2035	Annual	T7 CAIRP	30 MPH	5.492E-04	5.202E-03	2.010E-03	3.603E-05	7.937E-05	1.361E-04	1.227E-04	3.382E-04	1.984E-05	5.833E-05	1.129E-04	1.911E-04	4.087E+00	3.679E+00
County	Fresno	2035	Annual	T7 CAIRP construction	30 MPH	5.493E-04	5.202E-03	2.010E-03	3.603E-05	7.937E-05	1.361E-04	1.228E-04	3.382E-04	1.984E-05	5.833E-05	1.129E-04	1.911E-04	4.087E+00	3.679E+00
County	Fresno	2035	Annual	T7 NNOOS	30 MPH	4.769E-04	4.172E-03	1.743E-03	3.603E-05	7.937E-05	1.361E-04	1.018E-04	3.173E-04	1.984E-05	5.833E-05	9.366E-05	1.718E-04	4.087E+00	3.679E+00
County	Fresno	2035	Annual	T7 NOOS	30 MPH	5.492E-04	5.202E-03	2.010E-03	3.603E-05	7.937E-05	1.361E-04	1.227E-04	3.382E-04	1.984E-05	5.833E-05	1.129E-04	1.911E-04	4.087E+00	3.679E+00
County	Fresno	2035	Annual	T7 other port	30 MPH	6.609E-04	6.790E-03	2.422E-03	3.603E-05	7.937E-05	1.361E-04	1.551E-04	3.705E-04	1.984E-05	5.833E-05	1.427E-04	2.208E-04	4.087E+00	3.679E+00
County	Fresno	2035	Annual	T7 POAK	30 MPH	6.609E-04	6.790E-03	2.422E-03	3.603E-05	7.937E-05	1.361E-04	1.551E-04	3.705E-04	1.984E-05	5.833E-05	1.427E-04	2.208E-04	4.087E+00	3.679E+00
County	Fresno	2035	Annual	T7 POLA	30 MPH	6.609E-04	6.790E-03	2.422E-03	3.603E-05	7.937E-05	1.361E-04	1.551E-04	3.705E-04	1.984E-05	5.833E-05	1.427E-04	2.208E-04	4.087E+00	3.679E+00
County	Fresno	2035	Annual	T7 Public	30 MPH	3.582E-04	8.202E-03	1.346E-03	3.627E-05	7.937E-05	1.361E-04	8.356E-05	2.990E-04	1.984E-05	5.833E-05	7.687E-05	1.550E-04	4.115E+00	3.703E+00
County	Fresno	2035	Annual	T7 Single	30 MPH	4.332E-04	3.550E-03	1.582E-03	3.603E-05	7.937E-05	1.361E-04	8.914E-05	3.046E-04	1.984E-05	5.833E-05	8.201E-05	1.602E-04	4.087E+00	3.679E+00
County	Fresno	2035	Annual	T7 single construction	30 MPH	4.333E-04	3.551E-03	1.583E-03	3.603E-05	7.937E-05	1.361E-04	8.918E-05	3.047E-04	1.984E-05	5.833E-05	8.204E-05	1.602E-04	4.087E+00	3.679E+00
County	Fresno	2035	Annual	T7 SWCV	30 MPH	4.094E-04	3.797E-03	1.498E-03	3.606E-05	7.937E-05	1.361E-04	8.254E-05	2.980E-04	1.984E-05	5.833E-05	7.594E-05	1.541E-04	4.092E+00	3.683E+00
County	Fresno	2035	Annual	T7 tractor	30 MPH	5.517E-04	5.230E-03	2.019E-03	3.603E-05	7.937E-05	1.361E-04	1.233E-04	3.388E-04	1.984E-05	5.833E-05	1.135E-04	1.916E-04	4.088E+00	3.679E+00
County	Fresno	2035	Annual	T7 tractor construction	30 MPH	5.529E-04	5.247E-03	2.024E-03	3.603E-05	7.937E-05	1.361E-04	1.237E-04	3.392E-04	1.984E-05	5.833E-05	1.138E-04	1.920E-04	4.088E+00	3.679E+00
County	Fresno	2035	Annual	T7 utility	30 MPH	3.613E-04	2.531E-03	1.317E-03	3.603E-05	7.937E-05	1.361E-04	6.835E-05	2.838E-04	1.984E-05	5.833E-05	6.288E-05	1.411E-04	4.088E+00	3.679E+00
County	Fresno	2035	Annual	T7IS	30 MPH	1.171E-03	9.564E-03	6.757E-02	1.380E-05	1.764E-05	8.102E-05	4.317E-07	9.909E-05	4.409E-06	3.472E-05	4.005E-07	3.953E-05	1.366E+00	1.229E+00
County	Fresno	2035	Annual	UBUS	30 MPH	5.810E-04	9.510E-03	4.789E-03	3.922E-05	1.764E-05	1.344E-03	1.908E-04	1.552E-03	4.409E-06	5.759E-04	1.755E-04	7.558E-04	4.001E+00	3.601E+00

County	Fresno	2035	Annual	All Other Buses	35 MPH	2.289E-04	2.774E-03	8.312E-04	2.478E-05	2.646E-05	2.873E-04	7.793E-05	3.917E-04	6.614E-06	1.231E-04	7.170E-05	2.015E-04	2.501E+00	2.251E+00
County	Fresno	2035	Annual	LDA	35 MPH	2.016E-05	1.283E-04	1.482E-03	7.465E-06	1.764E-05	8.102E-05	4.242E-06	1.029E-04	4.409E-06	3.472E-05	3.936E-06	4.307E-05	7.238E-01	4.305E-01
County	Fresno	2035	Annual	LDT1	35 MPH	2.432E-05	1.465E-04	1.734E-03	8.669E-06	1.764E-05	8.102E-05	4.231E-06	1.029E-04	4.409E-06	3.472E-05	3.926E-06	4.306E-05	8.408E-01	5.120E-01
County	Fresno	2035	Annual	LDT2	35 MPH	2.479E-05	1.572E-04	1.733E-03	1.013E-05	1.764E-05	8.102E-05	4.210E-06	1.029E-04	4.409E-06	3.472E-05	3.906E-06	4.304E-05	9.836E-01	6.682E-01
County	Fresno	2035	Annual	LHD1	35 MPH	6.544E-05	8.527E-04	6.597E-04	1.739E-05	2.098E-05	1.142E-04	1.542E-05	1.506E-04	5.245E-06	4.895E-05	1.419E-05	6.838E-05	1.156E+00	1.041E+00
County	Fresno	2035	Annual	LHD2	35 MPH	8.863E-05	1.102E-03	7.963E-04	1.491E-05	2.308E-05	1.524E-04	2.330E-05	1.988E-04	5.770E-06	6.530E-05	2.144E-05	9.251E-05	1.152E+00	1.037E+00
County	Fresno	2035	Annual	MCY	35 MPH	4.205E-03	2.474E-03	3.368E-02	4.993E-06	1.764E-05	8.102E-05	4.005E-07	9.906E-05	4.409E-06	3.472E-05	3.476E-07	3.948E-05	3.123E-01	2.811E-01
County	Fresno	2035	Annual	MDV	35 MPH	3.432E-05	2.114E-04	2.283E-03	1.298E-05	1.764E-05	8.102E-05	4.132E-06	1.028E-04	4.409E-06	3.472E-05	3.834E-06	4.297E-05	1.260E+00	8.763E-01
County	Fresno	2035	Annual	MH	35 MPH	5.902E-05	1.760E-03	4.498E-04	1.697E-05	1.920E-05	1.177E-04	1.601E-05	1.529E-04	4.801E-06	5.045E-05	1.473E-05	6.998E-05	1.417E+00	1.275E+00
County	Fresno	2035	Annual	Motor Coach	35 MPH	4.393E-04	4.140E-03	1.796E-03	3.603E-05	2.646E-05	2.873E-04	1.132E-04	4.270E-04	6.614E-06	1.231E-04	1.042E-04	2.339E-04	3.866E+00	3.479E+00
County	Fresno	2035	Annual	OBUS	35 MPH	2.909E-05	3.750E-04	5.533E-04	1.509E-05	1.764E-05	8.102E-05	3.601E-07	9.902E-05	4.409E-06	3.472E-05	3.341E-07	3.947E-05	1.164E+00	1.047E+00
County	Fresno	2035	Annual	PTO	35 MPH	5.837E-04	4.571E-03	1.796E-03	4.453E-05	0.000E+00	0.000E+00	9.748E-05	9.748E-05	0.000E+00	0.000E+00	8.969E-05	8.969E-05	4.667E+00	4.201E+00
County	Fresno	2035	Annual	SBUS	35 MPH	3.150E-04	5.993E-03	1.620E-03	2.342E-05	2.348E-05	1.116E-03	6.952E-05	1.209E-03	5.871E-06	4.784E-04	6.396E-05	5.482E-04	2.088E+00	1.879E+00
County	Fresno	2035	Annual	T6 Ag	35 MPH	2.233E-04	2.642E-03	8.106E-04	2.478E-05	2.646E-05	2.873E-04	7.529E-05	3.891E-04	6.614E-06	1.231E-04	6.927E-05	1.990E-04	2.502E+00	2.252E+00
County	Fresno	2035	Annual	T6 CAIRP heavy	35 MPH	1.950E-04	2.167E-03	7.079E-04	2.478E-05	2.646E-05	2.873E-04	6.330E-05	3.771E-04	6.614E-06	1.231E-04	5.823E-05	1.880E-04	2.501E+00	2.251E+00
County	Fresno	2035	Annual	T6 CAIRP small	35 MPH	1.853E-04	1.993E-03	6.727E-04	2.478E-05	2.646E-05	2.873E-04	5.911E-05	3.729E-04	6.614E-06	1.231E-04	5.438E-05	1.841E-04	2.501E+00	2.251E+00
County	Fresno	2035	Annual	T6 instate construction heavy	35 MPH	2.198E-04	2.611E-03	7.978E-04	2.478E-05	2.646E-05	2.873E-04	7.400E-05	3.878E-04	6.614E-06	1.231E-04	6.808E-05	1.978E-04	2.501E+00	2.251E+00
County	Fresno	2035	Annual	T6 instate construction small	35 MPH	2.002E-04	2.261E-03	7.268E-04	2.478E-05	2.646E-05	2.873E-04	6.556E-05	3.794E-04	6.614E-06	1.231E-04	6.031E-05	1.901E-04	2.501E+00	2.251E+00
County	Fresno	2035	Annual	T6 instate heavy	35 MPH	2.201E-04	2.618E-03	7.992E-04	2.478E-05	2.646E-05	2.873E-04	7.416E-05	3.880E-04	6.614E-06	1.231E-04	6.822E-05	1.980E-04	2.501E+00	2.251E+00
County	Fresno	2035	Annual	T6 instate small	35 MPH	2.003E-04	2.263E-03	7.273E-04	2.478E-05	2.646E-05	2.873E-04	6.561E-05	3.794E-04	6.614E-06	1.231E-04	6.036E-05	1.901E-04	2.501E+00	2.251E+00
County	Fresno	2035	Annual	T6 OOS heavy	35 MPH	1.950E-04	2.167E-03	7.079E-04	2.478E-05	2.646E-05	2.873E-04	6.330E-05	3.771E-04	6.614E-06	1.231E-04	5.823E-05	1.880E-04	2.501E+00	2.251E+00
County	Fresno	2035	Annual	T6 OOS small	35 MPH	1.853E-04	1.993E-03	6.727E-04	2.478E-05	2.646E-05	2.873E-04	5.911E-05	3.729E-04	6.614E-06	1.231E-04	5.438E-05	1.841E-04	2.501E+00	2.251E+00
County	Fresno	2035	Annual	T6 Public	35 MPH	1.647E-04	2.638E-03	6.007E-04	2.484E-05	2.646E-05	2.873E-04	5.228E-05	3.661E-04	6.614E-06	1.231E-04	4.810E-05	1.779E-04	2.507E+00	2.257E+00
County	Fresno	2035	Annual	T6 utility	35 MPH	1.561E-04	1.465E-03	5.667E-04	2.478E-05	2.646E-05	2.873E-04	4.646E-05	3.603E-04	6.614E-06	1.231E-04	4.274E-05	1.725E-04	2.501E+00	2.251E+00
County	Fresno	2035	Annual	T6TS	35 MPH	2.487E-05	3.406E-04	4.803E-04	1.509E-05	1.764E-05	8.102E-05	3.640E-07	9.902E-05	4.409E-06	3.472E-05	3.377E-07	3.947E-05	1.164E+00	1.047E+00
County	Fresno	2035	Annual	T7 Ag	35 MPH	4.650E-04	4.478E-03	1.901E-03	3.603E-05	7.937E-05	1.361E-04	1.213E-04	3.368E-04	1.984E-05	5.833E-05	1.116E-04	1.898E-04	3.866E+00	3.480E+00
County	Fresno	2035	Annual	T7 CAIRP	35 MPH	4.791E-04	4.733E-03	1.961E-03	3.603E-05	7.937E-05	1.361E-04	1.269E-04	3.424E-04	1.984E-05	5.833E-05	1.168E-04	1.949E-04	3.866E+00	3.479E+00
County	Fresno	2035	Annual	T7 CAIRP construction	35 MPH	4.791E-04	4.733E-03	1.961E-03	3.603E-05	7.937E-05	1.361E-04	1.269E-04	3.424E-04	1.984E-05	5.833E-05	1.168E-04	1.950E-04	3.866E+00	3.479E+00
County	Fresno	2035	Annual	T7 NNOOS	35 MPH	4.159E-04	3.796E-03	1.700E-03	3.603E-05	7.937E-05	1.361E-04	1.053E-04	3.208E-04	1.984E-05	5.833E-05	9.685E-05	1.750E-04	3.866E+00	3.479E+00
County	Fresno	2035	Annual	T7 NOOS	35 MPH	4.791E-04	4.733E-03	1.961E-03	3.603E-05	7.937E-05	1.361E-04	1.269E-04	3.424E-04	1.984E-05	5.833E-05	1.168E-04	1.949E-04	3.866E+00	3.479E+00
County	Fresno	2035	Annual	T7 other port	35 MPH	5.765E-04	6.178E-03	2.362E-03	3.603E-05	7.937E-05	1.361E-04	1.603E-04	3.758E-04	1.984E-05	5.833E-05	1.475E-04	2.257E-04	3.866E+00	3.479E+00
County	Fresno	2035	Annual	T7 POAK	35 MPH	5.765E-04	6.178E-03	2.362E-03	3.603E-05	7.937E-05	1.361E-04	1.603E-04	3.758E-04	1.984E-05	5.833E-05	1.475E-04	2.257E-04	3.866E+00	3.479E+00
County	Fresno	2035	Annual	T7 POLA	35 MPH	5.765E-04	6.178E-03	2.362E-03	3.603E-05	7.937E-05	1.361E-04	1.603E-04	3.758E-04	1.984E-05	5.833E-05	1.475E-04	2.257E-04	3.866E+00	3.479E+00
County	Fresno	2035	Annual	T7 Public	35 MPH	3.103E-04	7.834E-03	1.293E-03	3.627E-05	7.937E-05	1.361E-04	8.268E-05	2.982E-04	1.984E-05	5.833E-05	7.606E-05	1.542E-04	3.891E+00	3.502E+00
County	Fresno	2035	Annual	T7 Single	35 MPH	3.779E-04	3.230E-03	1.543E-03	3.603E-05	7.937E-05	1.361E-04	9.218E-05	3.077E-04	1.984E-05	5.833E-05	8.481E-05	1.630E-04	3.866E+00	3.479E+00
County	Fresno	2035	Annual	T7 single construction	35 MPH	3.780E-04	3.231E-03	1.544E-03	3.603E-05	7.937E-05	1.361E-04	9.222E-05	3.077E-04	1.984E-05	5.833E-05	8.484E-05	1.630E-04	3.866E+00	3.479E+00
County	Fresno	2035	Annual	T7 SWCV	35 MPH	3.570E-04	3.477E-03	1.459E-03	3.606E-05	7.937E-05	1.361E-04	8.512E-05	3.006E-04	1.984E-05	5.833E-05	7.831E-05	1.565E-04	3.870E+00	3.483E+00
County	Fresno	2035	Annual	T7 tractor	35 MPH	4.813E-04	4.759E-03	1.969E-03	3.603E-05	7.937E-05	1.361E-04	1.275E-04	3.430E-04	1.984E-05	5.833E-05	1.173E-04	1.955E-04	3.866E+00	3.479E+00
County	Fresno	2035	Annual	T7 tractor construction	35 MPH	4.823E-04	4.774E-03	1.974E-03	3.603E-05	7.937E-05	1.361E-04	1.279E-04	3.434E-04	1.984E-05	5.833E-05	1.177E-04	1.958E-04	3.866E+00	3.479E+00
County	Fresno	2035	Annual	T7 utility	35 MPH	3.151E-04	2.303E-03	1.285E-03	3.603E-05	7.937E-05	1.361E-04	7.067E-05	2.862E-04	1.984E-05	5.833E-05	6.502E-05	1.432E-04	3.866E+00	3.479E+00
County	Fresno	2035	Annual	T7IS	35 MPH	9.237E-04	9.940E-03	5.765E-02	1.380E-05	1.764E-05	8.102E-05	3.409E-07	9.900E-05	4.409E-06	3.472E-05	3.163E-07	3.945E-05	1.164E+00	1.047E+00
County	Fresno	2035	Annual	UBUS	35 MPH	4.813E-04	9.222E-03	4.031E-03	3.922E-05	1.764E-05	1.344E-03	1.620E-04	1.523E-03	4.409E-06	5.759E-04	1.490E-04	7.293E-04	3.942E+00	3.548E+00

County	Fresno	2035	Annual	All Other Buses	40 MPH	2.004E-04	2.557E-03	8.259E-04	2.478E-05	2.646E-05	2.873E-04	8.359E-05	3.974E-04	6.614E-06	1.231E-04	7.690E-05	2.067E-04	2.387E+00	2.149E+00
County	Fresno	2035	Annual	LDA	40 MPH	1.738E-05	1.230E-04	1.360E-03	7.465E-06	1.764E-05	8.102E-05	3.682E-06	1.023E-04	4.409E-06	3.472E-05	3.416E-06	4.255E-05	6.689E-01	3.978E-01
County	Fresno	2035	Annual	LDT1	40 MPH	2.098E-05	1.405E-04	1.591E-03	8.669E-06	1.764E-05	8.102E-05	3.672E-06	1.023E-04	4.409E-06	3.472E-05	3.407E-06	4.254E-05	7.770E-01	4.731E-01
County	Fresno	2035	Annual	LDT2	40 MPH	2.137E-05	1.507E-04	1.590E-03	1.013E-05	1.764E-05	8.102E-05	3.652E-06	1.023E-04	4.409E-06	3.472E-05	3.388E-06	4.252E-05	9.088E-01	6.175E-01
County	Fresno	2035	Annual	LHD1	40 MPH	5.718E-05	8.712E-04	5.856E-04	1.739E-05	2.098E-05	1.142E-04	1.364E-05	1.488E-04	5.245E-06	4.895E-05	1.255E-05	6.674E-05	1.084E+00	9.759E-01
County	Fresno	2035	Annual	LHD2	40 MPH	7.819E-05	1.119E-03	7.059E-04	1.491E-05	2.308E-05	1.524E-04	2.064E-05	1.961E-04	5.770E-06	6.530E-05	1.899E-05	9.006E-05	1.107E+00	9.967E-01
County	Fresno	2035	Annual	MCY	40 MPH	4.202E-03	2.519E-03	3.503E-02	4.993E-06	1.764E-05	8.102E-05	3.980E-07	9.905E-05	4.409E-06	3.472E-05	3.450E-07	3.948E-05	3.074E-01	2.767E-01
County	Fresno	2035	Annual	MDV	40 MPH	2.957E-05	2.028E-04	2.095E-03	1.298E-05	1.764E-05	8.102E-05	3.585E-06	1.022E-04	4.409E-06	3.472E-05	3.327E-06	4.246E-05	1.164E+00	8.098E-01
County	Fresno	2035	Annual	MH	40 MPH	5.050E-05	1.672E-03	4.165E-04	1.697E-05	1.920E-05	1.177E-04	1.636E-05	1.533E-04	4.801E-06	5.045E-05	1.505E-05	7.030E-05	1.301E+00	1.171E+00
County	Fresno	2035	Annual	Motor Coach	40 MPH	3.845E-04	3.816E-03	1.785E-03	3.603E-05	2.646E-05	2.873E-04	1.214E-04	4.352E-04	6.614E-06	1.231E-04	1.117E-04	2.415E-04	3.690E+00	3.321E+00
County	Fresno	2035	Annual	OBUS	40 MPH	2.388E-05	3.908E-04	4.977E-04	1.509E-05	1.764E-05	8.102E-05	2.964E-07	9.895E-05	4.409E-06	3.472E-05	2.751E-07	3.941E-05	1.048E+00	9.429E-01
County	Fresno	2035	Annual	PTO	40 MPH	5.837E-04	4.571E-03	1.796E-03	4.453E-05	0.000E+00	0.000E+00	9.748E-05	9.748E-05	0.000E+00	0.000E+00	8.969E-05	8.969E-05	4.667E+00	4.201E+00
County	Fresno	2035	Annual	SBUS	40 MPH	2.739E-04	5.562E-03	1.553E-03	2.342E-05	2.348E-05	1.116E-03	7.451E-05	1.214E-03	5.871E-06	4.784E-04	6.855E-05	5.528E-04	1.972E+00	1.774E+00
County	Fresno	2035	Annual	T6 Ag	40 MPH	1.954E-04	2.435E-03	8.055E-04	2.478E-05	2.646E-05	2.873E-04	8.076E-05	3.946E-04	6.614E-06	1.231E-04	7.430E-05	2.041E-04	2.388E+00	2.149E+00
County	Fresno	2035	Annual	T6 CAIRP heavy	40 MPH	1.707E-04	1.997E-03	7.034E-04	2.478E-05	2.646E-05	2.873E-04	6.789E-05	3.817E-04	6.614E-06	1.231E-04	6.246E-05	1.922E-04	2.387E+00	2.148E+00
County	Fresno	2035	Annual	T6 CAIRP small	40 MPH	1.622E-04	1.837E-03	6.685E-04	2.478E-05	2.646E-05	2.873E-04	6.340E-05	3.772E-04	6.614E-06	1.231E-04	5.833E-05	1.881E-04	2.387E+00	2.148E+00
County	Fresno	2035	Annual	T6 instate construction heavy	40 MPH	1.924E-04	2.407E-03	7.928E-04	2.478E-05	2.646E-05	2.873E-04	7.937E-05	3.932E-04	6.614E-06	1.231E-04	7.302E-05	2.028E-04	2.387E+00	2.148E+00
County	Fresno	2035	Annual	T6 instate construction small	40 MPH	1.752E-04	2.084E-03	7.222E-04	2.478E-05	2.646E-05	2.873E-04	7.031E-05	3.841E-04	6.614E-06	1.231E-04	6.469E-05	1.945E-04	2.387E+00	2.148E+00
County	Fresno	2035	Annual	T6 instate heavy	40 MPH	1.927E-04	2.413E-03	7.941E-04	2.478E-05	2.646E-05	2.873E-04	7.954E-05	3.933E-04	6.614E-06	1.231E-04	7.318E-05	2.029E-04	2.387E+00	2.148E+00
County	Fresno	2035	Annual	T6 instate small	40 MPH	1.753E-04	2.086E-03	7.227E-04	2.478E-05	2.646E-05	2.873E-04	7.037E-05	3.842E-04	6.614E-06	1.231E-04	6.474E-05	1.945E-04	2.387E+00	2.148E+00
County	Fresno	2035	Annual	T6 OOS heavy	40 MPH	1.707E-04	1.997E-03	7.034E-04	2.478E-05	2.646E-05	2.873E-04	6.789E-05	3.817E-04	6.614E-06	1.231E-04	6.246E-05	1.922E-04	2.387E+00	2.148E+00
County	Fresno	2035	Annual	T6 OOS small	40 MPH	1.622E-04	1.837E-03	6.685E-04	2.478E-05	2.646E-05	2.873E-04	6.340E-05	3.772E-04	6.614E-06	1.231E-04	5.833E-05	1.881E-04	2.387E+00	2.148E+00
County	Fresno	2035	Annual	T6 Public	40 MPH	1.441E-04	2.472E-03	5.952E-04	2.484E-05	2.646E-05	2.873E-04	5.570E-05	3.695E-04	6.614E-06	1.231E-04	5.124E-05	1.810E-04	2.393E+00	2.154E+00
County	Fresno	2035	Annual	T6 utility	40 MPH	1.366E-04	1.350E-03	5.631E-04	2.478E-05	2.646E-05	2.873E-04	4.983E-05	3.636E-04	6.614E-06	1.231E-04	4.584E-05	1.756E-04	2.387E+00	2.148E+00
County	Fresno	2035	Annual	T6TS	40 MPH	2.042E-05	3.551E-04	4.321E-04	1.509E-05	1.764E-05	8.102E-05	2.996E-07	9.895E-05	4.409E-06	3.472E-05	2.780E-07	3.941E-05	1.048E+00	9.429E-01
County	Fresno	2035	Annual	T7 Ag	40 MPH	4.070E-04	4.127E-03	1.889E-03	3.603E-05	7.937E-05	1.361E-04	1.301E-04	3.456E-04	1.984E-05	5.833E-05	1.197E-04	1.979E-04	3.690E+00	3.321E+00
County	Fresno	2035	Annual	T7 CAIRP	40 MPH	4.193E-04	4.362E-03	1.948E-03	3.603E-05	7.937E-05	1.361E-04	1.361E-04	3.516E-04	1.984E-05	5.833E-05	1.252E-04	2.034E-04	3.690E+00	3.321E+00
County	Fresno	2035	Annual	T7 CAIRP construction	40 MPH	4.194E-04	4.363E-03	1.948E-03	3.603E-05	7.937E-05	1.361E-04	1.361E-04	3.516E-04	1.984E-05	5.833E-05	1.253E-04	2.034E-04	3.690E+00	3.321E+00
County	Fresno	2035	Annual	T7 NNOOS	40 MPH	3.641E-04	3.499E-03	1.690E-03	3.603E-05	7.937E-05	1.361E-04	1.129E-04	3.284E-04	1.984E-05	5.833E-05	1.039E-04	1.821E-04	3.689E+00	3.321E+00
County	Fresno	2035	Annual	T7 NOOS	40 MPH	4.193E-04	4.362E-03	1.948E-03	3.603E-05	7.937E-05	1.361E-04	1.361E-04	3.516E-04	1.984E-05	5.833E-05	1.252E-04	2.034E-04	3.690E+00	3.321E+00
County	Fresno	2035	Annual	T7 other port	40 MPH	5.046E-04	5.694E-03	2.347E-03	3.603E-05	7.937E-05	1.361E-04	1.720E-04	3.875E-04	1.984E-05	5.833E-05	1.582E-04	2.364E-04	3.689E+00	3.321E+00
County	Fresno	2035	Annual	T7 POAK	40 MPH	5.046E-04	5.694E-03	2.347E-03	3.603E-05	7.937E-05	1.361E-04	1.720E-04	3.875E-04	1.984E-05	5.833E-05	1.582E-04	2.364E-04	3.689E+00	3.321E+00
County	Fresno	2035	Annual	T7 POLA	40 MPH	5.046E-04	5.694E-03	2.347E-03	3.603E-05	7.937E-05	1.361E-04	1.720E-04	3.875E-04	1.984E-05	5.833E-05	1.582E-04	2.364E-04	3.689E+00	3.321E+00
County	Fresno	2035	Annual	T7 Public	40 MPH	2.706E-04	7.561E-03	1.268E-03	3.627E-05	7.937E-05	1.361E-04	8.577E-05	3.012E-04	1.984E-05	5.833E-05	7.891E-05	1.571E-04	3.714E+00	3.343E+00
County	Fresno	2035	Annual	T7 Single	40 MPH	3.307E-04	2.977E-03	1.534E-03	3.603E-05	7.937E-05	1.361E-04	9.887E-05	3.143E-04	1.984E-05	5.833E-05	9.096E-05	1.691E-04	3.690E+00	3.321E+00
County	Fresno	2035	Annual	T7 single construction	40 MPH	3.308E-04	2.978E-03	1.534E-03	3.603E-05	7.937E-05	1.361E-04	9.891E-05	3.144E-04	1.984E-05	5.833E-05	9.100E-05	1.692E-04	3.690E+00	3.321E+00
County	Fresno	2035	Annual	T7 SWCV	40 MPH	3.124E-04	3.226E-03	1.448E-03	3.606E-05	7.937E-05	1.361E-04	9.112E-05	3.066E-04	1.984E-05	5.833E-05	8.383E-05	1.620E-04	3.693E+00	3.324E+00
County	Fresno	2035	Annual	T7 tractor	40 MPH	4.213E-04	4.386E-03	1.957E-03	3.603E-05	7.937E-05	1.361E-04	1.368E-04	3.523E-04	1.984E-05	5.833E-05	1.259E-04	2.040E-04	3.690E+00	3.321E+00
County	Fresno	2035	Annual	T7 tractor construction	40 MPH	4.222E-04	4.400E-03	1.961E-03	3.603E-05	7.937E-05	1.361E-04	1.372E-04	3.526E-04	1.984E-05	5.833E-05	1.262E-04	2.044E-04	3.690E+00	3.321E+00
County	Fresno	2035	Annual	T7 utility	40 MPH	2.758E-04	2.123E-03	1.277E-03	3.603E-05	7.937E-05	1.361E-04	7.580E-05	2.913E-04	1.984E-05	5.833E-05	6.974E-05	1.479E-04	3.690E+00	3.321E+00
County	Fresno	2035	Annual	T7IS	40 MPH	7.579E-04	1.034E-02	5.188E-02	1.380E-05	1.764E-05	8.102E-05	2.807E-07	9.894E-05	4.409E-06	3.472E-05	2.604E-07	3.939E-05	1.048E+00	9.429E-01
County	Fresno	2035	Annual	UBUS	40 MPH	4.142E-04	9.333E-03	3.592E-03	3.922E-05	1.764E-05	1.344E-03	1.424E-04	1.504E-03	4.409E-06	5.759E-04	1.310E-04	7.113E-04	3.909E+00	3.518E+00

County	Fresno	2035	Annual	All Other Buses	45 MPH	1.768E-04	2.397E-03	8.365E-04	2.478E-05	2.646E-05	2.873E-04	9.233E-05	4.061E-04	6.614E-06	1.231E-04	8.495E-05	2.147E-04	2.303E+00	2.072E+00
County	Fresno	2035	Annual	LDA	45 MPH	1.593E-05	1.194E-04	1.264E-03	7.465E-06	1.764E-05	8.102E-05	3.372E-06	1.020E-04	4.409E-06	3.472E-05	3.128E-06	4.226E-05	6.444E-01	3.833E-01
County	Fresno	2035	Annual	LDT1	45 MPH	1.921E-05	1.364E-04	1.479E-03	8.669E-06	1.764E-05	8.102E-05	3.360E-06	1.020E-04	4.409E-06	3.472E-05	3.118E-06	4.225E-05	7.485E-01	4.557E-01
County	Fresno	2035	Annual	LDT2	45 MPH	1.958E-05	1.463E-04	1.478E-03	1.013E-05	1.764E-05	8.102E-05	3.342E-06	1.020E-04	4.409E-06	3.472E-05	3.101E-06	4.223E-05	8.754E-01	5.948E-01
County	Fresno	2035	Annual	LHD1	45 MPH	5.145E-05	9.049E-04	5.485E-04	1.739E-05	2.098E-05	1.142E-04	1.234E-05	1.475E-04	5.245E-06	4.895E-05	1.136E-05	6.555E-05	1.053E+00	9.474E-01
County	Fresno	2035	Annual	LHD2	45 MPH	7.066E-05	1.165E-03	6.569E-04	1.491E-05	2.308E-05	1.524E-04	1.868E-05	1.941E-04	5.770E-06	6.530E-05	1.719E-05	8.826E-05	1.088E+00	9.791E-01
County	Fresno	2035	Annual	MCY	45 MPH	4.402E-03	2.573E-03	3.800E-02	4.993E-06	1.764E-05	8.102E-05	4.160E-07	9.907E-05	4.409E-06	3.472E-05	3.602E-07	3.949E-05	3.125E-01	2.812E-01
County	Fresno	2035	Annual	MDV	45 MPH	2.707E-05	1.971E-04	1.948E-03	1.298E-05	1.764E-05	8.102E-05	3.281E-06	1.019E-04	4.409E-06	3.472E-05	3.044E-06	4.218E-05	1.121E+00	7.800E-01
County	Fresno	2035	Annual	MH	45 MPH	4.426E-05	1.607E-03	4.035E-04	1.697E-05	1.920E-05	1.177E-04	1.753E-05	1.544E-04	4.801E-06	5.045E-05	1.613E-05	7.138E-05	1.243E+00	1.119E+00
County	Fresno	2035	Annual	Motor Coach	45 MPH	3.393E-04	3.578E-03	1.808E-03	3.603E-05	2.646E-05	2.873E-04	1.342E-04	4.480E-04	6.614E-06	1.231E-04	1.234E-04	2.532E-04	3.559E+00	3.203E+00
County	Fresno	2035	Annual	OBUS	45 MPH	2.058E-05	4.042E-04	4.742E-04	1.509E-05	1.764E-05	8.102E-05	2.544E-07	9.891E-05	4.409E-06	3.472E-05	2.360E-07	3.937E-05	9.966E-01	8.969E-01
County	Fresno	2035	Annual	PTO	45 MPH	5.837E-04	4.571E-03	1.796E-03	4.453E-05	0.000E+00	0.000E+00	9.748E-05	9.748E-05	0.000E+00	0.000E+00	8.969E-05	8.969E-05	4.667E+00	4.201E+00
County	Fresno	2035	Annual	SBUS	45 MPH	2.410E-04	5.249E-03	1.539E-03	2.342E-05	2.348E-05	1.116E-03	8.226E-05	1.222E-03	5.871E-06	4.784E-04	7.568E-05	5.599E-04	1.897E+00	1.707E+00
County	Fresno	2035	Annual	T6 Ag	45 MPH	1.725E-04	2.283E-03	8.158E-04	2.478E-05	2.646E-05	2.873E-04	8.921E-05	4.030E-04	6.614E-06	1.231E-04	8.207E-05	2.118E-04	2.303E+00	2.073E+00
County	Fresno	2035	Annual	T6 CAIRP heavy	45 MPH	1.506E-04	1.873E-03	7.124E-04	2.478E-05	2.646E-05	2.873E-04	7.500E-05	3.888E-04	6.614E-06	1.231E-04	6.900E-05	1.988E-04	2.302E+00	2.072E+00
County	Fresno	2035	Annual	T6 CAIRP small	45 MPH	1.431E-04	1.722E-03	6.771E-04	2.478E-05	2.646E-05	2.873E-04	7.004E-05	3.838E-04	6.614E-06	1.231E-04	6.443E-05	1.942E-04	2.302E+00	2.072E+00
County	Fresno	2035	Annual	T6 instate construction heavy	45 MPH	1.697E-04	2.257E-03	8.030E-04	2.478E-05	2.646E-05	2.873E-04	8.768E-05	4.015E-04	6.614E-06	1.231E-04	8.066E-05	2.104E-04	2.303E+00	2.072E+00
County	Fresno	2035	Annual	T6 instate construction small	45 MPH	1.546E-04	1.954E-03	7.315E-04	2.478E-05	2.646E-05	2.873E-04	7.767E-05	3.915E-04	6.614E-06	1.231E-04	7.146E-05	2.012E-04	2.302E+00	2.072E+00
County	Fresno	2035	Annual	T6 instate heavy	45 MPH	1.700E-04	2.262E-03	8.043E-04	2.478E-05	2.646E-05	2.873E-04	8.786E-05	4.017E-04	6.614E-06	1.231E-04	8.083E-05	2.106E-04	2.303E+00	2.072E+00
County	Fresno	2035	Annual	T6 instate small	45 MPH	1.547E-04	1.956E-03	7.320E-04	2.478E-05	2.646E-05	2.873E-04	7.774E-05	3.915E-04	6.614E-06	1.231E-04	7.152E-05	2.013E-04	2.302E+00	2.072E+00
County	Fresno	2035	Annual	T6 OOS heavy	45 MPH	1.506E-04	1.873E-03	7.124E-04	2.478E-05	2.646E-05	2.873E-04	7.500E-05	3.888E-04	6.614E-06	1.231E-04	6.900E-05	1.988E-04	2.302E+00	2.072E+00
County	Fresno	2035	Annual	T6 OOS small	45 MPH	1.431E-04	1.722E-03	6.771E-04	2.478E-05	2.646E-05	2.873E-04	7.004E-05	3.838E-04	6.614E-06	1.231E-04	6.443E-05	1.942E-04	2.302E+00	2.072E+00
County	Fresno	2035	Annual	T6 Public	45 MPH	1.271E-04	2.352E-03	6.014E-04	2.484E-05	2.646E-05	2.873E-04	6.128E-05	3.751E-04	6.614E-06	1.231E-04	5.638E-05	1.861E-04	2.308E+00	2.077E+00
County	Fresno	2035	Annual	T6 utility	45 MPH	1.206E-04	1.266E-03	5.703E-04	2.478E-05	2.646E-05	2.873E-04	5.504E-05	3.688E-04	6.614E-06	1.231E-04	5.064E-05	1.804E-04	2.302E+00	2.072E+00
County	Fresno	2035	Annual	T6TS	45 MPH	1.759E-05	3.672E-04	4.117E-04	1.509E-05	1.764E-05	8.102E-05	2.571E-07	9.891E-05	4.409E-06	3.472E-05	2.386E-07	3.937E-05	9.966E-01	8.969E-01
County	Fresno	2035	Annual	T7 Ag	45 MPH	3.592E-04	3.870E-03	1.913E-03	3.603E-05	7.937E-05	1.361E-04	1.437E-04	3.592E-04	1.984E-05	5.833E-05	1.322E-04	2.104E-04	3.559E+00	3.203E+00
County	Fresno	2035	Annual	T7 CAIRP	45 MPH	3.700E-04	4.090E-03	1.973E-03	3.603E-05	7.937E-05	1.361E-04	1.504E-04	3.659E-04	1.984E-05	5.833E-05	1.383E-04	2.165E-04	3.559E+00	3.203E+00
County	Fresno	2035	Annual	T7 CAIRP construction	45 MPH	3.700E-04	4.091E-03	1.973E-03	3.603E-05	7.937E-05	1.361E-04	1.504E-04	3.659E-04	1.984E-05	5.833E-05	1.384E-04	2.165E-04	3.559E+00	3.203E+00
County	Fresno	2035	Annual	T7 NNOOS	45 MPH	3.213E-04	3.281E-03	1.711E-03	3.603E-05	7.937E-05	1.361E-04	1.247E-04	3.402E-04	1.984E-05	5.833E-05	1.148E-04	1.929E-04	3.559E+00	3.203E+00
County	Fresno	2035	Annual	T7 NOOS	45 MPH	3.700E-04	4.090E-03	1.973E-03	3.603E-05	7.937E-05	1.361E-04	1.504E-04	3.659E-04	1.984E-05	5.833E-05	1.383E-04	2.165E-04	3.559E+00	3.203E+00
County	Fresno	2035	Annual	T7 other port	45 MPH	4.452E-04	5.339E-03	2.377E-03	3.603E-05	7.937E-05	1.361E-04	1.900E-04	4.054E-04	1.984E-05	5.833E-05	1.748E-04	2.529E-04	3.559E+00	3.203E+00
County	Fresno	2035	Annual	T7 POAK	45 MPH	4.452E-04	5.339E-03	2.377E-03	3.603E-05	7.937E-05	1.361E-04	1.900E-04	4.054E-04	1.984E-05	5.833E-05	1.748E-04	2.529E-04	3.559E+00	3.203E+00
County	Fresno	2035	Annual	T7 POLA	45 MPH	4.452E-04	5.339E-03	2.377E-03	3.603E-05	7.937E-05	1.361E-04	1.900E-04	4.054E-04	1.984E-05	5.833E-05	1.748E-04	2.529E-04	3.559E+00	3.203E+00
County	Fresno	2035	Annual	T7 Public	45 MPH	2.389E-04	7.384E-03	1.270E-03	3.627E-05	7.937E-05	1.361E-04	9.284E-05	3.083E-04	1.984E-05	5.833E-05	8.542E-05	1.636E-04	3.582E+00	3.224E+00
County	Fresno	2035	Annual	T7 Single	45 MPH	2.918E-04	2.791E-03	1.553E-03	3.603E-05	7.937E-05	1.361E-04	1.092E-04	3.247E-04	1.984E-05	5.833E-05	1.005E-04	1.787E-04	3.559E+00	3.203E+00
County	Fresno	2035	Annual	T7 single construction	45 MPH	2.919E-04	2.792E-03	1.554E-03	3.603E-05	7.937E-05	1.361E-04	1.093E-04	3.247E-04	1.984E-05	5.833E-05	1.005E-04	1.787E-04	3.559E+00	3.203E+00
County	Fresno	2035	Annual	T7 SWCV	45 MPH	2.756E-04	3.042E-03	1.466E-03	3.606E-05	7.937E-05	1.361E-04	1.005E-04	3.160E-04	1.984E-05	5.833E-05	9.250E-05	1.707E-04	3.562E+00	3.206E+00
County	Fresno	2035	Annual	T7 tractor	45 MPH	3.717E-04	4.113E-03	1.982E-03	3.603E-05	7.937E-05	1.361E-04	1.511E-04	3.666E-04	1.984E-05	5.833E-05	1.390E-04	2.172E-04	3.559E+00	3.203E+00
County	Fresno	2035	Annual	T7 tractor construction	45 MPH	3.725E-04	4.125E-03	1.986E-03	3.603E-05	7.937E-05	1.361E-04	1.515E-04	3.670E-04	1.984E-05	5.833E-05	1.394E-04	2.176E-04	3.559E+00	3.203E+00
County	Fresno	2035	Annual	T7 utility	45 MPH	2.434E-04	1.990E-03	1.293E-03	3.603E-05	7.937E-05	1.361E-04	8.373E-05	2.992E-04	1.984E-05	5.833E-05	7.704E-05	1.552E-04	3.559E+00	3.203E+00
County	Fresno	2035	Annual	T7IS	45 MPH	6.457E-04	1.080E-02	4.922E-02	1.380E-05	1.764E-05	8.102E-05	2.409E-07	9.890E-05	4.409E-06	3.472E-05	2.235E-07	3.935E-05	9.966E-01	8.969E-01
County	Fresno	2035	Annual	UBUS	45 MPH	3.703E-04	9.851E-03	3.389E-03	3.922E-05	1.764E-05	1.344E-03	1.297E-04	1.491E-03	4.409E-06	5.759E-04	1.193E-04	6.996E-04	3.894E+00	3.505E+00

County	Fresno	2035	Annual	All Other Buses	50 MPH	1.582E-04	2.295E-03	8.630E-04	2.478E-05	2.646E-05	2.873E-04	1.042E-04	4.180E-04	6.614E-06	1.231E-04	9.583E-05	2.256E-04	2.247E+00	2.023E+00
County	Fresno	2035	Annual	LDA	50 MPH	1.539E-05	1.179E-04	1.178E-03	7.465E-06	1.764E-05	8.102E-05	3.257E-06	1.019E-04	4.409E-06	3.472E-05	3.022E-06	4.215E-05	6.441E-01	3.831E-01
County	Fresno	2035	Annual	LDT1	50 MPH	1.852E-05	1.349E-04	1.378E-03	8.669E-06	1.764E-05	8.102E-05	3.244E-06	1.019E-04	4.409E-06	3.472E-05	3.010E-06	4.214E-05	7.480E-01	4.555E-01
County	Fresno	2035	Annual	LDT2	50 MPH	1.890E-05	1.445E-04	1.377E-03	1.013E-05	1.764E-05	8.102E-05	3.226E-06	1.019E-04	4.409E-06	3.472E-05	2.993E-06	4.212E-05	8.748E-01	5.944E-01
County	Fresno	2035	Annual	LHD1	50 MPH	4.756E-05	9.641E-04	5.408E-04	1.739E-05	2.098E-05	1.142E-04	1.142E-05	1.466E-04	5.245E-06	4.895E-05	1.051E-05	6.470E-05	1.056E+00	9.501E-01
County	Fresno	2035	Annual	LHD2	50 MPH	6.536E-05	1.253E-03	6.413E-04	1.491E-05	2.308E-05	1.524E-04	1.730E-05	1.928E-04	5.770E-06	6.530E-05	1.591E-05	8.699E-05	1.090E+00	9.808E-01
County	Fresno	2035	Annual	MCY	50 MPH	4.845E-03	2.651E-03	4.336E-02	4.993E-06	1.764E-05	8.102E-05	4.571E-07	9.911E-05	4.409E-06	3.472E-05	3.955E-07	3.953E-05	3.285E-01	2.957E-01
County	Fresno	2035	Annual	MDV	50 MPH	2.609E-05	1.952E-04	1.815E-03	1.298E-05	1.764E-05	8.102E-05	3.167E-06	1.018E-04	4.409E-06	3.472E-05	2.938E-06	4.207E-05	1.121E+00	7.795E-01
County	Fresno	2035	Annual	MH	50 MPH	3.981E-05	1.578E-03	4.063E-04	1.697E-05	1.920E-05	1.177E-04	1.951E-05	1.564E-04	4.801E-06	5.045E-05	1.795E-05	7.320E-05	1.237E+00	1.113E+00
County	Fresno	2035	Annual	Motor Coach	50 MPH	3.036E-04	3.426E-03	1.865E-03	3.603E-05	2.646E-05	2.873E-04	1.513E-04	4.651E-04	6.614E-06	1.231E-04	1.392E-04	2.690E-04	3.473E+00	3.126E+00
County	Fresno	2035	Annual	OBUS	50 MPH	1.825E-05	4.233E-04	4.741E-04	1.509E-05	1.764E-05	8.102E-05	2.275E-07	9.888E-05	4.409E-06	3.472E-05	2.111E-07	3.934E-05	1.002E+00	9.014E-01
County	Fresno	2035	Annual	PTO	50 MPH	5.837E-04	4.571E-03	1.796E-03	4.453E-05	0.000E+00	0.000E+00	9.748E-05	9.748E-05	0.000E+00	0.000E+00	8.969E-05	8.969E-05	4.667E+00	4.201E+00
County	Fresno	2035	Annual	SBUS	50 MPH	2.158E-04	5.052E-03	1.576E-03	2.342E-05	2.348E-05	1.116E-03	9.277E-05	1.232E-03	5.871E-06	4.784E-04	8.535E-05	5.696E-04	1.861E+00	1.675E+00
County	Fresno	2035	Annual	T6 Ag	50 MPH	1.543E-04	2.186E-03	8.416E-04	2.478E-05	2.646E-05	2.873E-04	1.006E-04	4.144E-04	6.614E-06	1.231E-04	9.259E-05	2.223E-04	2.248E+00	2.023E+00
County	Fresno	2035	Annual	T6 CAIRP heavy	50 MPH	1.348E-04	1.793E-03	7.349E-04	2.478E-05	2.646E-05	2.873E-04	8.461E-05	3.984E-04	6.614E-06	1.231E-04	7.784E-05	2.076E-04	2.247E+00	2.023E+00
County	Fresno	2035	Annual	T6 CAIRP small	50 MPH	1.281E-04	1.649E-03	6.985E-04	2.478E-05	2.646E-05	2.873E-04	7.901E-05	3.928E-04	6.614E-06	1.231E-04	7.269E-05	2.025E-04	2.247E+00	2.023E+00
County	Fresno	2035	Annual	T6 instate construction heavy	50 MPH	1.519E-04	2.161E-03	8.283E-04	2.478E-05	2.646E-05	2.873E-04	9.891E-05	4.127E-04	6.614E-06	1.231E-04	9.100E-05	2.208E-04	2.247E+00	2.023E+00
County	Fresno	2035	Annual	T6 instate construction small	50 MPH	1.384E-04	1.871E-03	7.546E-04	2.478E-05	2.646E-05	2.873E-04	8.763E-05	4.014E-04	6.614E-06	1.231E-04	8.062E-05	2.104E-04	2.247E+00	2.023E+00
County	Fresno	2035	Annual	T6 instate heavy	50 MPH	1.522E-04	2.166E-03	8.297E-04	2.478E-05	2.646E-05	2.873E-04	9.912E-05	4.129E-04	6.614E-06	1.231E-04	9.119E-05	2.210E-04	2.247E+00	2.023E+00
County	Fresno	2035	Annual	T6 instate small	50 MPH	1.385E-04	1.873E-03	7.551E-04	2.478E-05	2.646E-05	2.873E-04	8.770E-05	4.015E-04	6.614E-06	1.231E-04	8.068E-05	2.104E-04	2.247E+00	2.023E+00
County	Fresno	2035	Annual	T6 OOS heavy	50 MPH	1.348E-04	1.793E-03	7.349E-04	2.478E-05	2.646E-05	2.873E-04	8.461E-05	3.984E-04	6.614E-06	1.231E-04	7.784E-05	2.076E-04	2.247E+00	2.023E+00
County	Fresno	2035	Annual	T6 OOS small	50 MPH	1.281E-04	1.649E-03	6.985E-04	2.478E-05	2.646E-05	2.873E-04	7.901E-05	3.928E-04	6.614E-06	1.231E-04	7.269E-05	2.025E-04	2.247E+00	2.023E+00
County	Fresno	2035	Annual	T6 Public	50 MPH	1.139E-04	2.280E-03	6.193E-04	2.484E-05	2.646E-05	2.873E-04	6.903E-05	3.828E-04	6.614E-06	1.231E-04	6.350E-05	1.933E-04	2.253E+00	2.028E+00
County	Fresno	2035	Annual	T6 utility	50 MPH	1.079E-04	1.212E-03	5.883E-04	2.478E-05	2.646E-05	2.873E-04	6.210E-05	3.759E-04	6.614E-06	1.231E-04	5.713E-05	1.869E-04	2.247E+00	2.023E+00
County	Fresno	2035	Annual	T6TS	50 MPH	1.561E-05	3.846E-04	4.116E-04	1.509E-05	1.764E-05	8.102E-05	2.300E-07	9.889E-05	4.409E-06	3.472E-05	2.134E-07	3.934E-05	1.002E+00	9.014E-01
County	Fresno	2035	Annual	T7 Ag	50 MPH	3.214E-04	3.705E-03	1.974E-03	3.603E-05	7.937E-05	1.361E-04	1.622E-04	3.776E-04	1.984E-05	5.833E-05	1.492E-04	2.274E-04	3.474E+00	3.127E+00
County	Fresno	2035	Annual	T7 CAIRP	50 MPH	3.311E-04	3.916E-03	2.035E-03	3.603E-05	7.937E-05	1.361E-04	1.697E-04	3.851E-04	1.984E-05	5.833E-05	1.561E-04	2.343E-04	3.473E+00	3.126E+00
County	Fresno	2035	Annual	T7 CAIRP construction	50 MPH	3.312E-04	3.917E-03	2.036E-03	3.603E-05	7.937E-05	1.361E-04	1.697E-04	3.851E-04	1.984E-05	5.833E-05	1.561E-04	2.343E-04	3.473E+00	3.126E+00
County	Fresno	2035	Annual	T7 NNOOS	50 MPH	2.875E-04	3.141E-03	1.765E-03	3.603E-05	7.937E-05	1.361E-04	1.407E-04	3.562E-04	1.984E-05	5.833E-05	1.295E-04	2.076E-04	3.473E+00	3.126E+00
County	Fresno	2035	Annual	T7 NOOS	50 MPH	3.311E-04	3.916E-03	2.035E-03	3.603E-05	7.937E-05	1.361E-04	1.697E-04	3.851E-04	1.984E-05	5.833E-05	1.561E-04	2.343E-04	3.473E+00	3.126E+00
County	Fresno	2035	Annual	T7 other port	50 MPH	3.985E-04	5.112E-03	2.452E-03	3.603E-05	7.937E-05	1.361E-04	2.143E-04	4.298E-04	1.984E-05	5.833E-05	1.972E-04	2.753E-04	3.473E+00	3.126E+00
County	Fresno	2035	Annual	T7 POAK	50 MPH	3.985E-04	5.112E-03	2.452E-03	3.603E-05	7.937E-05	1.361E-04	2.143E-04	4.298E-04	1.984E-05	5.833E-05	1.972E-04	2.753E-04	3.473E+00	3.126E+00
County	Fresno	2035	Annual	T7 POLA	50 MPH	3.985E-04	5.112E-03	2.452E-03	3.603E-05	7.937E-05	1.361E-04	2.143E-04	4.298E-04	1.984E-05	5.833E-05	1.972E-04	2.753E-04	3.473E+00	3.126E+00
County	Fresno	2035	Annual	T7 Public	50 MPH	2.153E-04	7.301E-03	1.299E-03	3.627E-05	7.937E-05	1.361E-04	1.039E-04	3.194E-04	1.984E-05	5.833E-05	9.558E-05	1.738E-04	3.496E+00	3.147E+00
County	Fresno	2035	Annual	T7 Single	50 MPH	2.612E-04	2.673E-03	1.602E-03	3.603E-05	7.937E-05	1.361E-04	1.232E-04	3.387E-04	1.984E-05	5.833E-05	1.134E-04	1.915E-04	3.473E+00	3.126E+00
County	Fresno	2035	Annual	T7 single construction	50 MPH	2.612E-04	2.674E-03	1.603E-03	3.603E-05	7.937E-05	1.361E-04	1.233E-04	3.387E-04	1.984E-05	5.833E-05	1.134E-04	1.916E-04	3.473E+00	3.126E+00
County	Fresno	2035	Annual	T7 SWCV	50 MPH	2.468E-04	2.927E-03	1.511E-03	3.606E-05	7.937E-05	1.361E-04	1.134E-04	3.289E-04	1.984E-05	5.833E-05	1.043E-04	1.825E-04	3.477E+00	3.129E+00
County	Fresno	2035	Annual	T7 tractor	50 MPH	3.326E-04	3.938E-03	2.045E-03	3.603E-05	7.937E-05	1.361E-04	1.705E-04	3.860E-04	1.984E-05	5.833E-05	1.568E-04	2.350E-04	3.473E+00	3.126E+00
County	Fresno	2035	Annual	T7 tractor construction	50 MPH	3.334E-04	3.950E-03	2.049E-03	3.603E-05	7.937E-05	1.361E-04	1.709E-04	3.864E-04	1.984E-05	5.833E-05	1.573E-04	2.354E-04	3.473E+00	3.126E+00
County	Fresno	2035	Annual	T7 utility	50 MPH	2.178E-04	1.906E-03	1.334E-03	3.603E-05	7.937E-05	1.361E-04	9.447E-05	3.099E-04	1.984E-05	5.833E-05	8.691E-05	1.651E-04	3.473E+00	3.126E+00
County	Fresno	2035	Annual	T7IS	50 MPH	5.740E-04	1.119E-02	4.949E-02	1.380E-05	1.764E-05	8.102E-05	2.155E-07	9.887E-05	4.409E-06	3.472E-05	1.999E-07	3.933E-05	1.002E+00	9.014E-01
County	Fresno	2035	Annual	UBUS	50 MPH	3.437E-04	1.085E-02	3.384E-03	3.922E-05	1.764E-05	1.344E-03	1.223E-04	1.484E-03	4.409E-06	5.759E-04	1.126E-04	6.928E-04	3.896E+00	3.506E+00

County	Fresno	2035	Annual	All Other Buses	55 MPH	1.446E-04	2.251E-03	9.052E-04	2.478E-05	2.646E-05	2.873E-04	1.191E-04	4.329E-04	6.614E-06	1.231E-04	1.096E-04	2.393E-04	2.222E+00	1.999E+00
County	Fresno	2035	Annual	LDA	55 MPH	1.569E-05	1.183E-04	1.101E-03	7.465E-06	1.764E-05	8.102E-05	3.320E-06	1.020E-04	4.409E-06	3.472E-05	3.080E-06	4.221E-05	6.684E-01	3.975E-01
County	Fresno	2035	Annual	LDT1	55 MPH	1.882E-05	1.357E-04	1.290E-03	8.669E-06	1.764E-05	8.102E-05	3.303E-06	1.020E-04	4.409E-06	3.472E-05	3.065E-06	4.220E-05	7.760E-01	4.725E-01
County	Fresno	2035	Annual	LDT2	55 MPH	1.924E-05	1.452E-04	1.287E-03	1.013E-05	1.764E-05	8.102E-05	3.285E-06	1.019E-04	4.409E-06	3.472E-05	3.048E-06	4.218E-05	9.075E-01	6.166E-01
County	Fresno	2035	Annual	LHD1	55 MPH	4.473E-05	1.077E-03	5.535E-04	1.739E-05	2.098E-05	1.142E-04	1.081E-05	1.460E-04	5.245E-06	4.895E-05	9.946E-06	6.414E-05	1.094E+00	9.847E-01
County	Fresno	2035	Annual	LHD2	55 MPH	6.176E-05	1.407E-03	6.531E-04	1.491E-05	2.308E-05	1.524E-04	1.637E-05	1.918E-04	5.770E-06	6.530E-05	1.506E-05	8.613E-05	1.113E+00	1.002E+00
County	Fresno	2035	Annual	MCY	55 MPH	5.603E-03	2.751E-03	5.228E-02	4.993E-06	1.764E-05	8.102E-05	5.281E-07	9.918E-05	4.409E-06	3.472E-05	4.568E-07	3.959E-05	3.577E-01	3.219E-01
County	Fresno	2035	Annual	MDV	55 MPH	2.651E-05	1.969E-04	1.698E-03	1.298E-05	1.764E-05	8.102E-05	3.224E-06	1.019E-04	4.409E-06	3.472E-05	2.992E-06	4.212E-05	1.162E+00	8.086E-01
County	Fresno	2035	Annual	MH	55 MPH	3.710E-05	1.576E-03	4.273E-04	1.697E-05	1.920E-05	1.177E-04	2.230E-05	1.592E-04	4.801E-06	5.045E-05	2.052E-05	7.577E-05	1.283E+00	1.155E+00
County	Fresno	2035	Annual	Motor Coach	55 MPH	2.775E-04	3.360E-03	1.956E-03	3.603E-05	2.646E-05	2.873E-04	1.730E-04	4.868E-04	6.614E-06	1.231E-04	1.592E-04	2.890E-04	3.433E+00	3.090E+00
County	Fresno	2035	Annual	OBUS	55 MPH	1.681E-05	4.410E-04	5.022E-04	1.509E-05	1.764E-05	8.102E-05	2.122E-07	9.887E-05	4.409E-06	3.472E-05	1.969E-07	3.933E-05	1.064E+00	9.572E-01
County	Fresno	2035	Annual	PTO	55 MPH	5.837E-04	4.571E-03	1.796E-03	4.453E-05	0.000E+00	0.000E+00	9.748E-05	9.748E-05	0.000E+00	0.000E+00	8.969E-05	8.969E-05	4.667E+00	4.201E+00
County	Fresno	2035	Annual	SBUS	55 MPH	1.973E-04	4.982E-03	1.653E-03	2.342E-05	2.348E-05	1.116E-03	1.060E-04	1.246E-03	5.871E-06	4.784E-04	9.755E-05	5.818E-04	1.865E+00	1.678E+00
County	Fresno	2035	Annual	T6 Ag	55 MPH	1.411E-04	2.144E-03	8.828E-04	2.478E-05	2.646E-05	2.873E-04	1.151E-04	4.289E-04	6.614E-06	1.231E-04	1.059E-04	2.356E-04	2.222E+00	2.000E+00
County	Fresno	2035	Annual	T6 CAIRP heavy	55 MPH	1.232E-04	1.759E-03	7.709E-04	2.478E-05	2.646E-05	2.873E-04	9.673E-05	4.105E-04	6.614E-06	1.231E-04	8.899E-05	2.188E-04	2.221E+00	1.999E+00
County	Fresno	2035	Annual	T6 CAIRP small	55 MPH	1.171E-04	1.617E-03	7.327E-04	2.478E-05	2.646E-05	2.873E-04	9.033E-05	4.041E-04	6.614E-06	1.231E-04	8.310E-05	2.129E-04	2.221E+00	1.999E+00
County	Fresno	2035	Annual	T6 instate construction heavy	55 MPH	1.388E-04	2.119E-03	8.689E-04	2.478E-05	2.646E-05	2.873E-04	1.131E-04	4.269E-04	6.614E-06	1.231E-04	1.040E-04	2.338E-04	2.221E+00	1.999E+00
County	Fresno	2035	Annual	T6 instate construction small	55 MPH	1.265E-04	1.835E-03	7.916E-04	2.478E-05	2.646E-05	2.873E-04	1.002E-04	4.140E-04	6.614E-06	1.231E-04	9.216E-05	2.219E-04	2.221E+00	1.999E+00
County	Fresno	2035	Annual	T6 instate heavy	55 MPH	1.391E-04	2.124E-03	8.703E-04	2.478E-05	2.646E-05	2.873E-04	1.133E-04	4.271E-04	6.614E-06	1.231E-04	1.043E-04	2.340E-04	2.221E+00	1.999E+00
County	Fresno	2035	Annual	T6 instate small	55 MPH	1.266E-04	1.837E-03	7.921E-04	2.478E-05	2.646E-05	2.873E-04	1.003E-04	4.141E-04	6.614E-06	1.231E-04	9.224E-05	2.220E-04	2.221E+00	1.999E+00
County	Fresno	2035	Annual	T6 OOS heavy	55 MPH	1.232E-04	1.759E-03	7.709E-04	2.478E-05	2.646E-05	2.873E-04	9.673E-05	4.105E-04	6.614E-06	1.231E-04	8.899E-05	2.188E-04	2.221E+00	1.999E+00
County	Fresno	2035	Annual	T6 OOS small	55 MPH	1.171E-04	1.617E-03	7.327E-04	2.478E-05	2.646E-05	2.873E-04	9.033E-05	4.041E-04	6.614E-06	1.231E-04	8.310E-05	2.129E-04	2.221E+00	1.999E+00
County	Fresno	2035	Annual	T6 Public	55 MPH	1.045E-04	2.254E-03	6.488E-04	2.484E-05	2.646E-05	2.873E-04	7.893E-05	3.927E-04	6.614E-06	1.231E-04	7.262E-05	2.024E-04	2.227E+00	2.004E+00
County	Fresno	2035	Annual	T6 utility	55 MPH	9.862E-05	1.189E-03	6.172E-04	2.478E-05	2.646E-05	2.873E-04	7.099E-05	3.848E-04	6.614E-06	1.231E-04	6.531E-05	1.951E-04	2.221E+00	1.999E+00
County	Fresno	2035	Annual	T6TS	55 MPH	1.441E-05	4.006E-04	4.360E-04	1.509E-05	1.764E-05	8.102E-05	2.145E-07	9.887E-05	4.409E-06	3.472E-05	1.990E-07	3.933E-05	1.064E+00	9.572E-01
County	Fresno	2035	Annual	T7 Ag	55 MPH	2.938E-04	3.634E-03	2.071E-03	3.603E-05	7.937E-05	1.361E-04	1.854E-04	4.009E-04	1.984E-05	5.833E-05	1.706E-04	2.487E-04	3.434E+00	3.091E+00
County	Fresno	2035	Annual	T7 CAIRP	55 MPH	3.027E-04	3.841E-03	2.135E-03	3.603E-05	7.937E-05	1.361E-04	1.940E-04	4.094E-04	1.984E-05	5.833E-05	1.784E-04	2.566E-04	3.433E+00	3.090E+00
County	Fresno	2035	Annual	T7 CAIRP construction	55 MPH	3.027E-04	3.841E-03	2.135E-03	3.603E-05	7.937E-05	1.361E-04	1.940E-04	4.094E-04	1.984E-05	5.833E-05	1.785E-04	2.566E-04	3.433E+00	3.090E+00
County	Fresno	2035	Annual	T7 NNOOS	55 MPH	2.628E-04	3.081E-03	1.852E-03	3.603E-05	7.937E-05	1.361E-04	1.609E-04	3.764E-04	1.984E-05	5.833E-05	1.480E-04	2.262E-04	3.433E+00	3.090E+00
County	Fresno	2035	Annual	T7 NOOS	55 MPH	3.027E-04	3.841E-03	2.135E-03	3.603E-05	7.937E-05	1.361E-04	1.940E-04	4.094E-04	1.984E-05	5.833E-05	1.784E-04	2.566E-04	3.433E+00	3.090E+00
County	Fresno	2035	Annual	T7 other port	55 MPH	3.642E-04	5.014E-03	2.572E-03	3.603E-05	7.937E-05	1.361E-04	2.450E-04	4.605E-04	1.984E-05	5.833E-05	2.254E-04	3.036E-04	3.433E+00	3.090E+00
County	Fresno	2035	Annual	T7 POAK	55 MPH	3.642E-04	5.014E-03	2.572E-03	3.603E-05	7.937E-05	1.361E-04	2.450E-04	4.605E-04	1.984E-05	5.833E-05	2.254E-04	3.036E-04	3.433E+00	3.090E+00
County	Fresno	2035	Annual	T7 POLA	55 MPH	3.642E-04	5.014E-03	2.572E-03	3.603E-05	7.937E-05	1.361E-04	2.450E-04	4.605E-04	1.984E-05	5.833E-05	2.254E-04	3.036E-04	3.433E+00	3.090E+00
County	Fresno	2035	Annual	T7 Public	55 MPH	1.997E-04	7.314E-03	1.355E-03	3.627E-05	7.937E-05	1.361E-04	1.189E-04	3.344E-04	1.984E-05	5.833E-05	1.094E-04	1.876E-04	3.456E+00	3.111E+00
County	Fresno	2035	Annual	T7 Single	55 MPH	2.387E-04	2.621E-03	1.681E-03	3.603E-05	7.937E-05	1.361E-04	1.409E-04	3.563E-04	1.984E-05	5.833E-05	1.296E-04	2.078E-04	3.433E+00	3.090E+00
County	Fresno	2035	Annual	T7 single construction	55 MPH	2.388E-04	2.622E-03	1.681E-03	3.603E-05	7.937E-05	1.361E-04	1.409E-04	3.564E-04	1.984E-05	5.833E-05	1.296E-04	2.078E-04	3.433E+00	3.090E+00
County	Fresno	2035	Annual	T7 SWCV	55 MPH	2.258E-04	2.880E-03	1.584E-03	3.606E-05	7.937E-05	1.361E-04	1.296E-04	3.451E-04	1.984E-05	5.833E-05	1.193E-04	1.974E-04	3.437E+00	3.093E+00
County	Fresno	2035	Annual	T7 tractor	55 MPH	3.041E-04	3.862E-03	2.145E-03	3.603E-05	7.937E-05	1.361E-04	1.949E-04	4.104E-04	1.984E-05	5.833E-05	1.793E-04	2.575E-04	3.434E+00	3.090E+00
County	Fresno	2035	Annual	T7 tractor construction	55 MPH	3.047E-04	3.874E-03	2.149E-03	3.603E-05	7.937E-05	1.361E-04	1.954E-04	4.109E-04	1.984E-05	5.833E-05	1.798E-04	2.580E-04	3.434E+00	3.090E+00
County	Fresno	2035	Annual	T7 utility	55 MPH	1.991E-04	1.869E-03	1.399E-03	3.603E-05	7.937E-05	1.361E-04	1.080E-04	3.235E-04	1.984E-05	5.833E-05	9.936E-05	1.775E-04	3.433E+00	3.090E+00
County	Fresno	2035	Annual	T7IS	55 MPH	5.382E-04	1.152E-02	5.270E-02	1.380E-05	1.764E-05	8.102E-05	2.009E-07	9.886E-05	4.409E-06	3.472E-05	1.864E-07	3.932E-05	1.064E+00	9.572E-01
County	Fresno	2035	Annual	UBUS	55 MPH	3.313E-04	1.248E-02	3.577E-03	3.922E-05	1.764E-05	1.344E-03	1.195E-04	1.481E-03	4.409E-06	5.759E-04	1.099E-04	6.902E-04	3.914E+00	3.522E+00

County	Fresno	2035	Annual	All Other Buses	60 MPH	1.360E-04	2.265E-03	9.633E-04	2.478E-05	2.646E-05	2.873E-04	1.371E-04	4.509E-04	6.614E-06	1.231E-04	1.261E-04	2.559E-04	2.225E+00	2.003E+00
County	Fresno	2035	Annual	LDA	60 MPH	1.684E-05	1.207E-04	1.029E-03	7.465E-06	1.764E-05	8.102E-05	3.570E-06	1.022E-04	4.409E-06	3.472E-05	3.312E-06	4.244E-05	7.190E-01	4.277E-01
County	Fresno	2035	Annual	LDT1	60 MPH	2.013E-05	1.388E-04	1.207E-03	8.669E-06	1.764E-05	8.102E-05	3.548E-06	1.022E-04	4.409E-06	3.472E-05	3.292E-06	4.242E-05	8.347E-01	5.083E-01
County	Fresno	2035	Annual	LDT2	60 MPH	2.062E-05	1.483E-04	1.204E-03	1.013E-05	1.764E-05	8.102E-05	3.529E-06	1.022E-04	4.409E-06	3.472E-05	3.274E-06	4.241E-05	9.761E-01	6.632E-01
County	Fresno	2035	Annual	LHD1	60 MPH	4.663E-05	1.286E-03	6.509E-04	1.739E-05	2.098E-05	1.142E-04	1.151E-05	1.467E-04	5.245E-06	4.895E-05	1.059E-05	6.478E-05	1.175E+00	1.057E+00
County	Fresno	2035	Annual	LHD2	60 MPH	6.375E-05	1.691E-03	7.538E-04	1.491E-05	2.308E-05	1.524E-04	1.727E-05	1.927E-04	5.770E-06	6.530E-05	1.589E-05	8.696E-05	1.163E+00	1.047E+00
County	Fresno	2035	Annual	MCY	60 MPH	6.807E-03	2.879E-03	6.678E-02	4.993E-06	1.764E-05	8.102E-05	6.414E-07	9.930E-05	4.409E-06	3.472E-05	5.547E-07	3.969E-05	4.039E-01	3.636E-01
County	Fresno	2035	Annual	MDV	60 MPH	2.832E-05	2.021E-04	1.589E-03	1.298E-05	1.764E-05	8.102E-05	3.463E-06	1.021E-04	4.409E-06	3.472E-05	3.213E-06	4.234E-05	1.250E+00	8.697E-01
County	Fresno	2035	Annual	MH	60 MPH	3.608E-05	1.597E-03	4.697E-04	1.697E-05	1.920E-05	1.177E-04	2.590E-05	1.628E-04	4.801E-06	5.045E-05	2.383E-05	7.908E-05	1.390E+00	1.251E+00
County	Fresno	2035	Annual	Motor Coach	60 MPH	2.610E-04	3.380E-03	2.082E-03	3.603E-05	2.646E-05	2.873E-04	1.992E-04	5.130E-04	6.614E-06	1.231E-04	1.833E-04	3.130E-04	3.439E+00	3.095E+00
County	Fresno	2035	Annual	OBUS	60 MPH	1.623E-05	4.549E-04	5.642E-04	1.509E-05	1.764E-05	8.102E-05	2.062E-07	9.886E-05	4.409E-06	3.472E-05	1.913E-07	3.932E-05	1.193E+00	1.074E+00
County	Fresno	2035	Annual	PTO	60 MPH	5.837E-04	4.571E-03	1.796E-03	4.453E-05	0.000E+00	0.000E+00	9.748E-05	9.748E-05	0.000E+00	0.000E+00	8.969E-05	8.969E-05	4.667E+00	4.201E+00
County	Fresno	2035	Annual	SBUS	60 MPH	1.862E-04	5.020E-03	1.792E-03	2.342E-05	2.348E-05	1.116E-03	1.221E-04	1.262E-03	5.871E-06	4.784E-04	1.123E-04	5.965E-04	1.911E+00	1.720E+00
County	Fresno	2035	Annual	T6 Ag	60 MPH	1.327E-04	2.157E-03	9.395E-04	2.478E-05	2.646E-05	2.873E-04	1.325E-04	4.463E-04	6.614E-06	1.231E-04	1.219E-04	2.516E-04	2.226E+00	2.003E+00
County	Fresno	2035	Annual	T6 CAIRP heavy	60 MPH	1.158E-04	1.769E-03	8.204E-04	2.478E-05	2.646E-05	2.873E-04	1.114E-04	4.252E-04	6.614E-06	1.231E-04	1.024E-04	2.322E-04	2.225E+00	2.003E+00
County	Fresno	2035	Annual	T6 CAIRP small	60 MPH	1.101E-04	1.627E-03	7.797E-04	2.478E-05	2.646E-05	2.873E-04	1.040E-04	4.178E-04	6.614E-06	1.231E-04	9.567E-05	2.254E-04	2.225E+00	2.003E+00
County	Fresno	2035	Annual	T6 instate construction heavy	60 MPH	1.306E-04	2.132E-03	9.247E-04	2.478E-05	2.646E-05	2.873E-04	1.302E-04	4.440E-04	6.614E-06	1.231E-04	1.198E-04	2.495E-04	2.225E+00	2.003E+00
County	Fresno	2035	Annual	T6 instate construction small	60 MPH	1.189E-04	1.846E-03	8.424E-04	2.478E-05	2.646E-05	2.873E-04	1.153E-04	4.291E-04	6.614E-06	1.231E-04	1.061E-04	2.359E-04	2.225E+00	2.003E+00
County	Fresno	2035	Annual	T6 instate heavy	60 MPH	1.308E-04	2.137E-03	9.262E-04	2.478E-05	2.646E-05	2.873E-04	1.305E-04	4.443E-04	6.614E-06	1.231E-04	1.200E-04	2.498E-04	2.225E+00	2.003E+00
County	Fresno	2035	Annual	T6 instate small	60 MPH	1.190E-04	1.848E-03	8.429E-04	2.478E-05	2.646E-05	2.873E-04	1.154E-04	4.292E-04	6.614E-06	1.231E-04	1.062E-04	2.360E-04	2.225E+00	2.003E+00
County	Fresno	2035	Annual	T6 OOS heavy	60 MPH	1.158E-04	1.769E-03	8.204E-04	2.478E-05	2.646E-05	2.873E-04	1.114E-04	4.252E-04	6.614E-06	1.231E-04	1.024E-04	2.322E-04	2.225E+00	2.003E+00
County	Fresno	2035	Annual	T6 OOS small	60 MPH	1.101E-04	1.627E-03	7.797E-04	2.478E-05	2.646E-05	2.873E-04	1.040E-04	4.178E-04	6.614E-06	1.231E-04	9.567E-05	2.254E-04	2.225E+00	2.003E+00
County	Fresno	2035	Annual	T6 Public	60 MPH	9.879E-05	2.275E-03	6.901E-04	2.484E-05	2.646E-05	2.873E-04	9.101E-05	4.048E-04	6.614E-06	1.231E-04	8.372E-05	2.135E-04	2.231E+00	2.008E+00
County	Fresno	2035	Annual	T6 utility	60 MPH	9.274E-05	1.196E-03	6.568E-04	2.478E-05	2.646E-05	2.873E-04	8.173E-05	3.955E-04	6.614E-06	1.231E-04	7.519E-05	2.050E-04	2.225E+00	2.003E+00
County	Fresno	2035	Annual	T6TS	60 MPH	1.394E-05	4.132E-04	4.899E-04	1.509E-05	1.764E-05	8.102E-05	2.084E-07	9.886E-05	4.409E-06	3.472E-05	1.934E-07	3.932E-05	1.193E+00	1.074E+00
County	Fresno	2035	Annual	T7 Ag	60 MPH	2.763E-04	3.656E-03	2.203E-03	3.603E-05	7.937E-05	1.361E-04	2.134E-04	4.289E-04	1.984E-05	5.833E-05	1.964E-04	2.745E-04	3.440E+00	3.096E+00
County	Fresno	2035	Annual	T7 CAIRP	60 MPH	2.846E-04	3.864E-03	2.272E-03	3.603E-05	7.937E-05	1.361E-04	2.233E-04	4.388E-04	1.984E-05	5.833E-05	2.054E-04	2.836E-04	3.439E+00	3.095E+00
County	Fresno	2035	Annual	T7 CAIRP construction	60 MPH	2.847E-04	3.865E-03	2.272E-03	3.603E-05	7.937E-05	1.361E-04	2.233E-04	4.388E-04	1.984E-05	5.833E-05	2.054E-04	2.836E-04	3.439E+00	3.095E+00
County	Fresno	2035	Annual	T7 NNOOS	60 MPH	2.471E-04	3.100E-03	1.971E-03	3.603E-05	7.937E-05	1.361E-04	1.852E-04	4.007E-04	1.984E-05	5.833E-05	1.704E-04	2.486E-04	3.439E+00	3.095E+00
County	Fresno	2035	Annual	T7 NOOS	60 MPH	2.846E-04	3.864E-03	2.272E-03	3.603E-05	7.937E-05	1.361E-04	2.233E-04	4.388E-04	1.984E-05	5.833E-05	2.054E-04	2.836E-04	3.439E+00	3.095E+00
County	Fresno	2035	Annual	T7 other port	60 MPH	3.425E-04	5.044E-03	2.737E-03	3.603E-05	7.937E-05	1.361E-04	2.821E-04	4.976E-04	1.984E-05	5.833E-05	2.595E-04	3.377E-04	3.439E+00	3.095E+00
County	Fresno	2035	Annual	T7 POAK	60 MPH	3.425E-04	5.044E-03	2.737E-03	3.603E-05	7.937E-05	1.361E-04	2.821E-04	4.976E-04	1.984E-05	5.833E-05	2.595E-04	3.377E-04	3.439E+00	3.095E+00
County	Fresno	2035	Annual	T7 POLA	60 MPH	3.425E-04	5.044E-03	2.737E-03	3.603E-05	7.937E-05	1.361E-04	2.821E-04	4.976E-04	1.984E-05	5.833E-05	2.595E-04	3.377E-04	3.439E+00	3.095E+00
County	Fresno	2035	Annual	T7 Public	60 MPH	1.923E-04	7.422E-03	1.438E-03	3.627E-05	7.937E-05	1.361E-04	1.379E-04	3.534E-04	1.984E-05	5.833E-05	1.269E-04	2.051E-04	3.462E+00	3.116E+00
County	Fresno	2035	Annual	T7 Single	60 MPH	2.245E-04	2.637E-03	1.789E-03	3.603E-05	7.937E-05	1.361E-04	1.622E-04	3.776E-04	1.984E-05	5.833E-05	1.492E-04	2.274E-04	3.439E+00	3.095E+00
County	Fresno	2035	Annual	T7 single construction	60 MPH	2.246E-04	2.638E-03	1.789E-03	3.603E-05	7.937E-05	1.361E-04	1.622E-04	3.777E-04	1.984E-05	5.833E-05	1.493E-04	2.274E-04	3.439E+00	3.095E+00
County	Fresno	2035	Annual	T7 SWCV	60 MPH	2.127E-04	2.901E-03	1.686E-03	3.606E-05	7.937E-05	1.361E-04	1.493E-04	3.648E-04	1.984E-05	5.833E-05	1.373E-04	2.155E-04	3.443E+00	3.098E+00
County	Fresno	2035	Annual	T7 tractor	60 MPH	2.859E-04	3.885E-03	2.282E-03	3.603E-05	7.937E-05	1.361E-04	2.244E-04	4.399E-04	1.984E-05	5.833E-05	2.064E-04	2.846E-04	3.439E+00	3.095E+00
County	Fresno	2035	Annual	T7 tractor construction	60 MPH	2.866E-04	3.897E-03	2.287E-03	3.603E-05	7.937E-05	1.361E-04	2.250E-04	4.405E-04	1.984E-05	5.833E-05	2.070E-04	2.852E-04	3.439E+00	3.095E+00
County	Fresno	2035	Annual	T7 utility	60 MPH	1.872E-04	1.880E-03	1.489E-03	3.603E-05	7.937E-05	1.361E-04	1.243E-04	3.398E-04	1.984E-05	5.833E-05	1.144E-04	1.926E-04	3.439E+00	3.095E+00
County	Fresno	2035	Annual	T7IS	60 MPH	5.122E-04	1.198E-02	5.898E-02	1.380E-05	1.764E-05	8.102E-05	1.952E-07	9.885E-05	4.409E-06	3.472E-05	1.812E-07	3.931E-05	1.193E+00	1.074E+00
County	Fresno	2035	Annual	UBUS	60 MPH	3.313E-04	1.503E-02	4.002E-03	3.922E-05	1.764E-05	1.344E-03	1.209E-04	1.482E-03	4.409E-06	5.759E-04	1.112E-04	6.915E-04	3.951E+00	3.556E+00

County	Fresno	2035	Annual	All Other Buses	65 MPH	1.324E-04	2.336E-03	1.037E-03	2.478E-05	2.646E-05	2.873E-04	1.582E-04	4.720E-04	6.614E-06	1.231E-04	1.455E-04	2.753E-04	2.258E+00	2.032E+00
County	Fresno	2035	Annual	LDA	65 MPH	1.906E-05	1.254E-04	9.647E-04	7.465E-06	1.764E-05	8.102E-05	4.051E-06	1.027E-04	4.409E-06	3.472E-05	3.758E-06	4.289E-05	8.028E-01	4.775E-01
County	Fresno	2035	Annual	LDT1	65 MPH	2.269E-05	1.447E-04	1.134E-03	8.669E-06	1.764E-05	8.102E-05	4.020E-06	1.027E-04	4.409E-06	3.472E-05	3.730E-06	4.286E-05	9.318E-01	5.674E-01
County	Fresno	2035	Annual	LDT2	65 MPH	2.331E-05	1.543E-04	1.129E-03	1.013E-05	1.764E-05	8.102E-05	3.999E-06	1.027E-04	4.409E-06	3.472E-05	3.711E-06	4.284E-05	1.090E+00	7.403E-01
County	Fresno	2035	Annual	LHD1	65 MPH	4.708E-05	1.518E-03	7.659E-04	1.739E-05	2.098E-05	1.142E-04	1.171E-05	1.469E-04	5.245E-06	4.895E-05	1.078E-05	6.497E-05	1.312E+00	1.181E+00
County	Fresno	2035	Annual	LHD2	65 MPH	6.433E-05	2.035E-03	8.720E-04	1.491E-05	2.308E-05	1.524E-04	1.761E-05	1.931E-04	5.770E-06	6.530E-05	1.621E-05	8.728E-05	1.248E+00	1.123E+00
County	Fresno	2035	Annual	MCY	65 MPH	8.689E-03	3.039E-03	9.081E-02	4.993E-06	1.764E-05	8.102E-05	8.190E-07	9.947E-05	4.409E-06	3.472E-05	7.085E-07	3.984E-05	4.738E-01	4.264E-01
County	Fresno	2035	Annual	MDV	65 MPH	3.190E-05	2.117E-04	1.492E-03	1.298E-05	1.764E-05	8.102E-05	3.923E-06	1.026E-04	4.409E-06	3.472E-05	3.640E-06	4.277E-05	1.396E+00	9.708E-01
County	Fresno	2035	Annual	MH	65 MPH	3.680E-05	1.638E-03	5.401E-04	1.697E-05	1.920E-05	1.177E-04	3.031E-05	1.672E-04	4.801E-06	5.045E-05	2.788E-05	8.313E-05	1.578E+00	1.420E+00
County	Fresno	2035	Annual	Motor Coach	65 MPH	2.540E-04	3.487E-03	2.242E-03	3.603E-05	2.646E-05	2.873E-04	2.299E-04	5.437E-04	6.614E-06	1.231E-04	2.115E-04	3.412E-04	3.490E+00	3.141E+00
County	Fresno	2035	Annual	OBUS	65 MPH	1.666E-05	4.636E-04	6.730E-04	1.509E-05	1.764E-05	8.102E-05	2.089E-07	9.886E-05	4.409E-06	3.472E-05	1.938E-07	3.933E-05	1.414E+00	1.273E+00
County	Fresno	2035	Annual	PTO	65 MPH	5.837E-04	4.571E-03	1.796E-03	4.453E-05	0.000E+00	0.000E+00	9.748E-05	9.748E-05	0.000E+00	0.000E+00	8.969E-05	8.969E-05	4.667E+00	4.201E+00
County	Fresno	2035	Annual	SBUS	65 MPH	1.965E-04	5.192E-03	2.117E-03	2.342E-05	2.348E-05	1.116E-03	1.221E-04	1.262E-03	5.871E-06	4.784E-04	1.124E-04	5.966E-04	1.911E+00	1.720E+00
County	Fresno	2035	Annual	T6 Ag	65 MPH	1.291E-04	2.225E-03	1.012E-03	2.478E-05	2.646E-05	2.873E-04	1.528E-04	4.666E-04	6.614E-06	1.231E-04	1.406E-04	2.704E-04	2.259E+00	2.033E+00
County	Fresno	2035	Annual	T6 CAIRP heavy	65 MPH	1.128E-04	1.825E-03	8.834E-04	2.478E-05	2.646E-05	2.873E-04	1.285E-04	4.423E-04	6.614E-06	1.231E-04	1.182E-04	2.480E-04	2.258E+00	2.032E+00
County	Fresno	2035	Annual	T6 CAIRP small	65 MPH	1.072E-04	1.678E-03	8.395E-04	2.478E-05	2.646E-05	2.873E-04	1.200E-04	4.338E-04	6.614E-06	1.231E-04	1.104E-04	2.402E-04	2.258E+00	2.032E+00
County	Fresno	2035	Annual	T6 instate construction heavy	65 MPH	1.271E-04	2.199E-03	9.957E-04	2.478E-05	2.646E-05	2.873E-04	1.502E-04	4.640E-04	6.614E-06	1.231E-04	1.382E-04	2.680E-04	2.258E+00	2.032E+00
County	Fresno	2035	Annual	T6 instate construction small	65 MPH	1.158E-04	1.904E-03	9.070E-04	2.478E-05	2.646E-05	2.873E-04	1.331E-04	4.469E-04	6.614E-06	1.231E-04	1.224E-04	2.522E-04	2.258E+00	2.032E+00
County	Fresno	2035	Annual	T6 instate heavy	65 MPH	1.273E-04	2.204E-03	9.973E-04	2.478E-05	2.646E-05	2.873E-04	1.505E-04	4.643E-04	6.614E-06	1.231E-04	1.385E-04	2.683E-04	2.258E+00	2.032E+00
County	Fresno	2035	Annual	T6 instate small	65 MPH	1.158E-04	1.906E-03	9.076E-04	2.478E-05	2.646E-05	2.873E-04	1.332E-04	4.470E-04	6.614E-06	1.231E-04	1.225E-04	2.523E-04	2.258E+00	2.032E+00
County	Fresno	2035	Annual	T6 OOS heavy	65 MPH	1.128E-04	1.825E-03	8.834E-04	2.478E-05	2.646E-05	2.873E-04	1.285E-04	4.423E-04	6.614E-06	1.231E-04	1.182E-04	2.480E-04	2.258E+00	2.032E+00
County	Fresno	2035	Annual	T6 OOS small	65 MPH	1.072E-04	1.678E-03	8.395E-04	2.478E-05	2.646E-05	2.873E-04	1.200E-04	4.338E-04	6.614E-06	1.231E-04	1.104E-04	2.402E-04	2.258E+00	2.032E+00
County	Fresno	2035	Annual	T6 Public	65 MPH	9.681E-05	2.343E-03	7.431E-04	2.484E-05	2.646E-05	2.873E-04	1.052E-04	4.190E-04	6.614E-06	1.231E-04	9.682E-05	2.266E-04	2.264E+00	2.037E+00
County	Fresno	2035	Annual	T6 utility	65 MPH	9.026E-05	1.233E-03	7.072E-04	2.478E-05	2.646E-05	2.873E-04	9.431E-05	4.081E-04	6.614E-06	1.231E-04	8.676E-05	2.165E-04	2.258E+00	2.032E+00
County	Fresno	2035	Annual	T6TS	65 MPH	1.429E-05	4.212E-04	5.843E-04	1.509E-05	1.764E-05	8.102E-05	2.112E-07	9.887E-05	4.409E-06	3.472E-05	1.959E-07	3.933E-05	1.414E+00	1.273E+00
County	Fresno	2035	Annual	T7 Ag	65 MPH	2.689E-04	3.771E-03	2.373E-03	3.603E-05	7.937E-05	1.361E-04	2.463E-04	4.618E-04	1.984E-05	5.833E-05	2.266E-04	3.047E-04	3.491E+00	3.141E+00
County	Fresno	2035	Annual	T7 CAIRP	65 MPH	2.770E-04	3.986E-03	2.447E-03	3.603E-05	7.937E-05	1.361E-04	2.577E-04	4.731E-04	1.984E-05	5.833E-05	2.370E-04	3.152E-04	3.490E+00	3.141E+00
County	Fresno	2035	Annual	T7 CAIRP construction	65 MPH	2.770E-04	3.986E-03	2.447E-03	3.603E-05	7.937E-05	1.361E-04	2.577E-04	4.732E-04	1.984E-05	5.833E-05	2.371E-04	3.152E-04	3.490E+00	3.141E+00
County	Fresno	2035	Annual	T7 NNOOS	65 MPH	2.405E-04	3.197E-03	2.122E-03	3.603E-05	7.937E-05	1.361E-04	2.137E-04	4.292E-04	1.984E-05	5.833E-05	1.966E-04	2.748E-04	3.490E+00	3.141E+00
County	Fresno	2035	Annual	T7 NOOS	65 MPH	2.770E-04	3.986E-03	2.447E-03	3.603E-05	7.937E-05	1.361E-04	2.577E-04	4.731E-04	1.984E-05	5.833E-05	2.370E-04	3.152E-04	3.490E+00	3.141E+00
County	Fresno	2035	Annual	T7 other port	65 MPH	3.333E-04	5.203E-03	2.948E-03	3.603E-05	7.937E-05	1.361E-04	3.255E-04	5.410E-04	1.984E-05	5.833E-05	2.995E-04	3.776E-04	3.490E+00	3.141E+00
County	Fresno	2035	Annual	T7 POAK	65 MPH	3.333E-04	5.203E-03	2.948E-03	3.603E-05	7.937E-05	1.361E-04	3.255E-04	5.410E-04	1.984E-05	5.833E-05	2.995E-04	3.776E-04	3.490E+00	3.141E+00
County	Fresno	2035	Annual	T7 POLA	65 MPH	3.333E-04	5.203E-03	2.948E-03	3.603E-05	7.937E-05	1.361E-04	3.255E-04	5.410E-04	1.984E-05	5.833E-05	2.995E-04	3.776E-04	3.490E+00	3.141E+00
County	Fresno	2035	Annual	T7 Public	65 MPH	1.930E-04	7.626E-03	1.549E-03	3.627E-05	7.937E-05	1.361E-04	1.609E-04	3.764E-04	1.984E-05	5.833E-05	1.480E-04	2.262E-04	3.513E+00	3.162E+00
County	Fresno	2035	Annual	T7 Single	65 MPH	2.185E-04	2.720E-03	1.926E-03	3.603E-05	7.937E-05	1.361E-04	1.871E-04	4.026E-04	1.984E-05	5.833E-05	1.722E-04	2.503E-04	3.490E+00	3.141E+00
County	Fresno	2035	Annual	T7 single construction	65 MPH	2.186E-04	2.721E-03	1.927E-03	3.603E-05	7.937E-05	1.361E-04	1.872E-04	4.027E-04	1.984E-05	5.833E-05	1.722E-04	2.504E-04	3.490E+00	3.141E+00
County	Fresno	2035	Annual	T7 SWCV	65 MPH	2.075E-04	2.991E-03	1.815E-03	3.606E-05	7.937E-05	1.361E-04	1.724E-04	3.879E-04	1.984E-05	5.833E-05	1.586E-04	2.368E-04	3.494E+00	3.144E+00
County	Fresno	2035	Annual	T7 tractor	65 MPH	2.783E-04	4.007E-03	2.458E-03	3.603E-05	7.937E-05	1.361E-04	2.589E-04	4.744E-04	1.984E-05	5.833E-05	2.382E-04	3.164E-04	3.490E+00	3.141E+00
County	Fresno	2035	Annual	T7 tractor construction	65 MPH	2.789E-04	4.020E-03	2.463E-03	3.603E-05	7.937E-05	1.361E-04	2.596E-04	4.751E-04	1.984E-05	5.833E-05	2.388E-04	3.170E-04	3.490E+00	3.141E+00
County	Fresno	2035	Annual	T7 utility	65 MPH	1.822E-04	1.940E-03	1.603E-03	3.603E-05	7.937E-05	1.361E-04	1.435E-04	3.589E-04	1.984E-05	5.833E-05	1.320E-04	2.102E-04	3.490E+00	3.141E+00
County	Fresno	2035	Annual	T7IS	65 MPH	5.236E-04	1.241E-02	6.976E-02	1.380E-05	1.764E-05	8.102E-05	1.978E-07	9.885E-05	4.409E-06	3.472E-05	1.835E-07	3.931E-05	1.414E+00	1.273E+00
County	Fresno	2035	Annual	UBUS	65 MPH	3.778E-04	1.682E-02	3.974E-03	3.922E-05	1.764E-05	1.344E-03	1.259E-04	1.487E-03	4.409E-06	5.759E-04	1.158E-04	6.961E-04	3.959E+00	3.563E+00

County	Fresno	2035	Annual	All Other Buses	70 MPH	1.337E-04	2.467E-03	1.127E-03	2.478E-05	2.646E-05	2.873E-04	1.824E-04	4.962E-04	6.614E-06	1.231E-04	1.678E-04	2.976E-04	2.321E+00	2.088E+00
County	Fresno	2035	Annual	LDA	70 MPH	2.074E-05	1.285E-04	9.372E-04	7.465E-06	1.764E-05	8.102E-05	4.411E-06	1.031E-04	4.409E-06	3.472E-05	4.092E-06	4.322E-05	8.615E-01	5.124E-01
County	Fresno	2035	Annual	LDT1	70 MPH	2.463E-05	1.486E-04	1.103E-03	8.669E-06	1.764E-05	8.102E-05	4.370E-06	1.030E-04	4.409E-06	3.472E-05	4.054E-06	4.319E-05	9.996E-01	6.086E-01
County	Fresno	2035	Annual	LDT2	70 MPH	2.533E-05	1.582E-04	1.097E-03	1.013E-05	1.764E-05	8.102E-05	4.345E-06	1.030E-04	4.409E-06	3.472E-05	4.031E-06	4.316E-05	1.169E+00	7.939E-01
County	Fresno	2035	Annual	LHD1	70 MPH	5.054E-05	1.874E-03	9.925E-04	1.739E-05	2.098E-05	1.142E-04	1.282E-05	1.480E-04	5.245E-06	4.895E-05	1.179E-05	6.599E-05	1.533E+00	1.380E+00
County	Fresno	2035	Annual	LHD2	70 MPH	6.855E-05	2.570E-03	1.102E-03	1.491E-05	2.308E-05	1.524E-04	1.925E-05	1.947E-04	5.770E-06	6.530E-05	1.771E-05	8.879E-05	1.384E+00	1.246E+00
County	Fresno	2035	Annual	MCY	70 MPH	1.164E-02	3.229E-03	1.310E-01	4.993E-06	1.764E-05	8.102E-05	1.099E-06	9.975E-05	4.409E-06	3.472E-05	9.516E-07	4.008E-05	5.779E-01	5.201E-01
County	Fresno	2035	Annual	MDV	70 MPH	3.461E-05	2.179E-04	1.451E-03	1.298E-05	1.764E-05	8.102E-05	4.263E-06	1.029E-04	4.801E-06	5.045E-05	3.955E-06	5.920E-05	1.497E+00	1.041E+00
County	Fresno	2035	Annual	MH	70 MPH	3.745E-05	1.658E-03	6.397E-04	1.697E-05	1.920E-05	1.177E-04	3.097E-05	1.679E-04	4.801E-06	5.045E-05	2.850E-05	8.374E-05	1.883E+00	1.695E+00
County	Fresno	2035	Annual	Motor Coach	70 MPH	2.566E-04	3.680E-03	2.436E-03	3.603E-05	2.646E-05	2.873E-04	2.650E-04	5.788E-04	6.614E-06	1.231E-04	2.438E-04	3.736E-04	3.586E+00	3.228E+00
County	Fresno	2035	Annual	OBUS	70 MPH	2.062E-05	5.727E-04	1.021E-03	1.509E-05	1.764E-05	8.102E-05	2.199E-07	9.888E-05	4.409E-06	3.472E-05	2.040E-07	3.934E-05	1.771E+00	1.594E+00
County	Fresno	2035	Annual	PTO	70 MPH	5.837E-04	4.571E-03	1.796E-03	4.453E-05	0.000E+00	0.000E+00	9.748E-05	9.748E-05	0.000E+00	0.000E+00	8.969E-05	8.969E-05	4.667E+00	4.201E+00
County	Fresno	2035	Annual	SBUS	70 MPH	1.965E-04	5.192E-03	2.117E-03	2.342E-05	2.348E-05	1.116E-03	1.221E-04	1.262E-03	5.871E-06	4.784E-04	1.124E-04	5.966E-04	1.911E+00	1.720E+00
County	Fresno	2035	Annual	T6 Ag	70 MPH	1.304E-04	2.349E-03	1.099E-03	2.478E-05	2.646E-05	2.873E-04	1.762E-04	4.900E-04	6.614E-06	1.231E-04	1.621E-04	2.919E-04	2.321E+00	2.089E+00
County	Fresno	2035	Annual	T6 CAIRP heavy	70 MPH	1.139E-04	1.931E-03	9.599E-04	2.478E-05	2.646E-05	2.873E-04	1.481E-04	4.619E-04	6.614E-06	1.231E-04	1.363E-04	2.661E-04	2.320E+00	2.088E+00
County	Fresno	2035	Annual	T6 CAIRP small	70 MPH	1.082E-04	1.776E-03	9.122E-04	2.478E-05	2.646E-05	2.873E-04	1.383E-04	4.521E-04	6.614E-06	1.231E-04	1.273E-04	2.570E-04	2.320E+00	2.088E+00
County	Fresno	2035	Annual	T6 instate construction heavy	70 MPH	1.271E-04	2.287E-03	1.071E-03	2.478E-05	2.646E-05	2.873E-04	1.709E-04	4.847E-04	6.614E-06	1.231E-04	1.573E-04	2.870E-04	2.320E+00	2.088E+00
County	Fresno	2035	Annual	T6 instate construction small	70 MPH	1.149E-04	1.956E-03	9.685E-04	2.478E-05	2.646E-05	2.873E-04	1.499E-04	4.637E-04	6.614E-06	1.231E-04	1.379E-04	2.677E-04	2.320E+00	2.088E+00
County	Fresno	2035	Annual	T6 instate heavy	70 MPH	1.265E-04	2.269E-03	1.066E-03	2.478E-05	2.646E-05	2.873E-04	1.700E-04	4.838E-04	6.614E-06	1.231E-04	1.564E-04	2.861E-04	2.320E+00	2.088E+00
County	Fresno	2035	Annual	T6 instate small	70 MPH	1.146E-04	1.944E-03	9.657E-04	2.478E-05	2.646E-05	2.873E-04	1.493E-04	4.631E-04	6.614E-06	1.231E-04	1.374E-04	2.671E-04	2.320E+00	2.088E+00
County	Fresno	2035	Annual	T6 OOS heavy	70 MPH	1.139E-04	1.931E-03	9.599E-04	2.478E-05	2.646E-05	2.873E-04	1.481E-04	4.619E-04	6.614E-06	1.231E-04	1.363E-04	2.661E-04	2.320E+00	2.088E+00
County	Fresno	2035	Annual	T6 OOS small	70 MPH	1.082E-04	1.776E-03	9.122E-04	2.478E-05	2.646E-05	2.873E-04	1.383E-04	4.521E-04	6.614E-06	1.231E-04	1.273E-04	2.570E-04	2.320E+00	2.088E+00
County	Fresno	2035	Annual	T6 Public	70 MPH	9.766E-05	2.060E-03	8.095E-04	2.484E-05	2.646E-05	2.873E-04	1.197E-04	4.335E-04	6.614E-06	1.231E-04	1.101E-04	2.399E-04	2.324E+00	2.092E+00
County	Fresno	2035	Annual	T6 utility	70 MPH	9.118E-05	1.303E-03	7.684E-04	2.478E-05	2.646E-05	2.873E-04	1.087E-04	4.225E-04	6.614E-06	1.231E-04	1.000E-04	2.298E-04	2.320E+00	2.088E+00
County	Fresno	2035	Annual	T6TS	70 MPH	1.820E-05	5.252E-04	9.257E-04	1.509E-05	1.764E-05	8.102E-05	2.236E-07	9.888E-05	4.409E-06	3.472E-05	2.075E-07	3.934E-05	1.771E+00	1.594E+00
County	Fresno	2035	Annual	T7 Ag	70 MPH	2.716E-04	3.980E-03	2.578E-03	3.603E-05	7.937E-05	1.361E-04	2.839E-04	4.994E-04	1.984E-05	5.833E-05	2.612E-04	3.394E-04	3.587E+00	3.228E+00
County	Fresno	2035	Annual	T7 CAIRP	70 MPH	2.798E-04	4.216E-03	2.658E-03	3.603E-05	7.937E-05	1.361E-04	2.971E-04	5.125E-04	1.984E-05	5.833E-05	2.733E-04	3.515E-04	3.586E+00	3.228E+00
County	Fresno	2035	Annual	T7 CAIRP construction	70 MPH	2.799E-04	4.209E-03	2.659E-03	3.603E-05	7.937E-05	1.361E-04	2.971E-04	5.126E-04	1.984E-05	5.833E-05	2.733E-04	3.515E-04	3.586E+00	3.228E+00
County	Fresno	2035	Annual	T7 NNOOS	70 MPH	2.430E-04	3.382E-03	2.306E-03	3.603E-05	7.937E-05	1.361E-04	2.464E-04	4.619E-04	1.984E-05	5.833E-05	2.267E-04	3.049E-04	3.586E+00	3.228E+00
County	Fresno	2035	Annual	T7 NOOS	70 MPH	2.798E-04	4.216E-03	2.658E-03	3.603E-05	7.937E-05	1.361E-04	2.971E-04	5.125E-04	1.984E-05	5.833E-05	2.733E-04	3.515E-04	3.586E+00	3.228E+00
County	Fresno	2035	Annual	T7 other port	70 MPH	3.333E-04	5.180E-03	2.948E-03	3.603E-05	7.937E-05	1.361E-04	3.255E-04	5.410E-04	1.984E-05	5.833E-05	2.995E-04	3.776E-04	3.490E+00	3.141E+00
County	Fresno	2035	Annual	T7 POAK	70 MPH	3.333E-04	5.189E-03	2.948E-03	3.603E-05	7.937E-05	1.361E-04	3.255E-04	5.410E-04	1.984E-05	5.833E-05	2.995E-04	3.776E-04	3.490E+00	3.141E+00
County	Fresno	2035	Annual	T7 POLA	70 MPH	3.367E-04	5.488E-03	3.203E-03	3.603E-05	7.937E-05	1.361E-04	3.753E-04	5.907E-04	1.984E-05	5.833E-05	3.452E-04	4.234E-04	3.586E+00	3.228E+00
County	Fresno	2035	Annual	T7 Public	70 MPH	1.972E-04	5.815E-03	1.740E-03	3.627E-05	7.937E-05	1.361E-04	1.837E-04	3.991E-04	1.984E-05	5.833E-05	1.690E-04	2.471E-04	3.601E+00	3.241E+00
County	Fresno	2035	Annual	T7 Single	70 MPH	2.279E-04	3.028E-03	2.161E-03	3.603E-05	7.937E-05	1.361E-04	2.255E-04	4.410E-04	1.984E-05	5.833E-05	2.074E-04	2.856E-04	3.586E+00	3.228E+00
County	Fresno	2035	Annual	T7 single construction	70 MPH	2.282E-04	3.040E-03	2.164E-03	3.603E-05	7.937E-05	1.361E-04	2.259E-04	4.414E-04	1.984E-05	5.833E-05	2.078E-04	2.860E-04	3.586E+00	3.228E+00
County	Fresno	2035	Annual	T7 SWCV	70 MPH	2.133E-04	4.433E-03	1.947E-03	3.606E-05	7.937E-05	1.361E-04	2.040E-04	4.194E-04	1.984E-05	5.833E-05	1.876E-04	2.658E-04	3.595E+00	3.236E+00
County	Fresno	2035	Annual	T7 tractor	70 MPH	2.846E-04	4.311E-03	2.703E-03	3.603E-05	7.937E-05	1.361E-04	3.032E-04	5.187E-04	1.984E-05	5.833E-05	2.789E-04	3.571E-04	3.587E+00	3.228E+00
County	Fresno	2035	Annual	T7 tractor construction	70 MPH	2.867E-04	4.355E-03	2.723E-03	3.603E-05	7.937E-05	1.361E-04	3.060E-04	5.215E-04	1.984E-05	5.833E-05	2.815E-04	3.597E-04	3.587E+00	3.228E+00
County	Fresno	2035	Annual	T7 utility	70 MPH	1.841E-04	2.047E-03	1.742E-03	3.603E-05	7.937E-05	1.361E-04	1.654E-04	3.809E-04	1.984E-05	5.833E-05	1.522E-04	2.304E-04	3.586E+00	3.228E+00
County	Fresno	2035	Annual	T7IS	70 MPH	7.566E-04	1.646E-02	1.141E-01	1.380E-05	1.764E-05	8.102E-05	2.072E-07	9.886E-05	4.409E-06	3.472E-05	1.923E-07	3.932E-05	1.771E+00	1.594E+00
County	Fresno	2035	Annual	UBUS	70 MPH	3.778E-04	1.682E-02	3.974E-03	3.922E-05	1.764E-05	1.344E-03	1.259E-04	1.487E-03	4.409E-06	5.759E-04	1.158E-04	6.961E-04	3.959E+00	3.563E+00

Fresno 2035 - all Model Years 1.0E-06 **MTons/Mile**

Region_Type	Region	CalYr	Season	Veh	Speed	ROG_RUNEX	NOx_RUNEX	CO_RUNEX	SOx_RUNEX	PM10_PMTW	PM10_PMBW	PM10_RUNEX	PM10_Total	PM2_5_PMTW	PM2_5_PMBW	PM2_5_RUNEX	PM2_5_Total	CO2_RUNEX	CO2(Pavley I + LCFS)_RUNEX
County	Fresno	2035	Annual	All Other Buses	05 MPH	1.230E-06	4.001E-06	2.180E-06	1.124E-08	1.200E-08	1.303E-07	4.797E-08	1.903E-07	3.000E-09	5.586E-08	4.413E-08	1.030E-07	2.560E-03	2.304E-03
County	Fresno	2035	Annual	LDA	05 MPH	6.602E-08	1.061E-07	1.141E-06	3.386E-09	8.000E-09	3.675E-08	1.385E-08	5.860E-08	2.000E-09	1.575E-08	1.285E-08	3.060E-08	1.130E-03	6.723E-04
County	Fresno	2035	Annual	LDT1	05 MPH	7.811E-08	1.226E-07	1.346E-06	3.932E-09	8.000E-09	3.675E-08	1.378E-08	5.853E-08	2.000E-09	1.575E-08	1.279E-08	3.054E-08	1.314E-03	7.999E-04
County	Fresno	2035	Annual	LDT2	05 MPH	8.076E-08	1.310E-07	1.337E-06	4.597E-09	8.000E-09	3.675E-08	1.376E-08	5.851E-08	2.000E-09	1.575E-08	1.277E-08	3.052E-08	1.537E-03	1.044E-03
County	Fresno	2035	Annual	LHD1	05 MPH	1.012E-07	6.099E-07	1.357E-06	7.888E-09	9.517E-09	5.180E-08	2.059E-08	8.191E-08	2.379E-09	2.220E-08	1.895E-08	4.353E-08	1.757E-03	1.581E-03
County	Fresno	2035	Annual	LHD2	05 MPH	1.231E-07	8.555E-07	1.608E-06	6.763E-09	1.047E-08	6.912E-08	3.068E-08	1.103E-07	2.617E-09	2.962E-08	2.823E-08	6.046E-08	1.282E-03	1.154E-03
County	Fresno	2035	Annual	MCY	05 MPH	4.719E-06	1.236E-06	2.387E-05	2.265E-09	8.000E-09	3.675E-08	4.672E-10	4.522E-08	2.000E-09	1.575E-08	4.108E-10	1.816E-08	2.664E-04	2.398E-04
County	Fresno	2035	Annual	MDV	05 MPH	1.099E-07	1.793E-07	1.771E-06	5.889E-09	8.000E-09	3.675E-08	1.347E-08	5.822E-08	2.000E-09	1.575E-08	1.250E-08	3.025E-08	1.969E-03	1.370E-03
County	Fresno	2035	Annual	MH	05 MPH	2.323E-07	1.946E-06	9.554E-07	7.697E-09	8.711E-09	5.339E-08	1.910E-08	8.121E-08	2.178E-09	2.288E-08	1.758E-08	4.264E-08	2.495E-03	2.245E-03
County	Fresno	2035	Annual	Motor Coach	05 MPH	2.359E-06	5.972E-06	4.712E-06	1.634E-08	1.200E-08	1.303E-07	6.970E-08	2.120E-07	3.000E-09	5.586E-08	6.412E-08	1.230E-07	3.956E-03	3.561E-03
County	Fresno	2035	Annual	OBUS	05 MPH	8.070E-08	1.331E-07	1.194E-06	6.845E-09	8.000E-09	3.675E-08	9.996E-10	4.575E-08	2.000E-09	1.575E-08	9.275E-10	1.868E-08	2.513E-03	2.262E-03
County	Fresno	2035	Annual	PTO	05 MPH	2.648E-07	2.073E-06	8.146E-07	2.020E-08	0.000E+00	0.000E+00	4.422E-08	4.422E-08	0.000E+00	0.000E+00	4.068E-08	4.068E-08	2.117E-03	1.905E-03
County	Fresno	2035	Annual	SBUS	05 MPH	1.605E-06	8.300E-06	3.972E-06	1.063E-08	1.065E-08	5.063E-07	4.325E-08	5.602E-07	2.663E-09	2.170E-07	3.979E-08	2.594E-07	2.582E-03	2.324E-03
County	Fresno	2035	Annual	T6 Ag	05 MPH	1.199E-06	3.811E-06	2.126E-06	1.124E-08	1.200E-08	1.303E-07	4.635E-08	1.887E-07	3.000E-09	5.586E-08	4.264E-08	1.015E-07	2.560E-03	2.304E-03
County	Fresno	2035	Annual	T6 CAIRP heavy	05 MPH	1.047E-06	3.126E-06	1.857E-06	1.124E-08	1.200E-08	1.303E-07	3.896E-08	1.813E-07	3.000E-09	5.586E-08	3.585E-08	9.471E-08	2.560E-03	2.304E-03
County	Fresno	2035	Annual	T6 CAIRP small	05 MPH	9.951E-07	2.874E-06	1.765E-06	1.124E-08	1.200E-08	1.303E-07	3.639E-08	1.787E-07	3.000E-09	5.586E-08	3.347E-08	9.233E-08	2.560E-03	2.304E-03
County	Fresno	2035	Annual	T6 instate construction heavy	05 MPH	1.180E-06	3.767E-06	2.093E-06	1.124E-08	1.200E-08	1.303E-07	4.555E-08	1.879E-07	3.000E-09	5.586E-08	4.191E-08	1.008E-07	2.560E-03	2.304E-03
County	Fresno	2035	Annual	T6 instate construction small	05 MPH	1.075E-06	3.262E-06	1.907E-06	1.124E-08	1.200E-08	1.303E-07	4.035E-08	1.827E-07	3.000E-09	5.586E-08	3.712E-08	9.598E-08	2.560E-03	2.304E-03
County	Fresno	2035	Annual	T6 instate heavy	05 MPH	1.182E-06	3.776E-06	2.096E-06	1.124E-08	1.200E-08	1.303E-07	4.565E-08	1.880E-07	3.000E-09	5.586E-08	4.199E-08	1.009E-07	2.560E-03	2.304E-03
County	Fresno	2035	Annual	T6 instate small	05 MPH	1.076E-06	3.265E-06	1.908E-06	1.124E-08	1.200E-08	1.303E-07	4.039E-08	1.827E-07	3.000E-09	5.586E-08	3.716E-08	9.601E-08	2.560E-03	2.304E-03
County	Fresno	2035	Annual	T6 OOS heavy	05 MPH	1.047E-06	3.126E-06	1.857E-06	1.124E-08	1.200E-08	1.303E-07	3.896E-08	1.813E-07	3.000E-09	5.586E-08	3.585E-08	9.471E-08	2.560E-03	2.304E-03
County	Fresno	2035	Annual	T6 OOS small	05 MPH	9.951E-07	2.874E-06	1.765E-06	1.124E-08	1.200E-08	1.303E-07	3.639E-08	1.787E-07	3.000E-09	5.586E-08	3.347E-08	9.233E-08	2.560E-03	2.304E-03
County	Fresno	2035	Annual	T6 Public	05 MPH	8.908E-07	3.800E-06	1.571E-06	1.127E-08	1.200E-08	1.303E-07	3.795E-08	1.803E-07	3.000E-09	5.586E-08	3.491E-08	9.377E-08	2.566E-03	2.310E-03
County	Fresno	2035	Annual	T6 utility	05 MPH	8.383E-07	2.113E-06	1.486E-06	1.124E-08	1.200E-08	1.303E-07	2.860E-08	1.709E-07	3.000E-09	5.586E-08	2.631E-08	8.517E-08	2.560E-03	2.304E-03
County	Fresno	2035	Annual	T6TS	05 MPH	6.899E-08	1.209E-07	1.037E-06	6.844E-09	8.000E-09	3.675E-08	1.010E-09	4.576E-08	2.000E-09	1.575E-08	9.375E-10	1.869E-08	2.513E-03	2.262E-03
County	Fresno	2035	Annual	T7 Ag	05 MPH	2.497E-06	6.459E-06	4.987E-06	1.634E-08	3.600E-08	6.174E-08	7.467E-08	1.724E-07	9.000E-09	2.646E-08	6.870E-08	1.042E-07	3.957E-03	3.561E-03
County	Fresno	2035	Annual	T7 CAIRP	05 MPH	2.573E-06	6.827E-06	5.143E-06	1.634E-08	3.600E-08	6.174E-08	7.813E-08	1.759E-07	9.000E-09	2.646E-08	7.188E-08	1.073E-07	3.956E-03	3.561E-03
County	Fresno	2035	Annual	T7 CAIRP construction	05 MPH	2.573E-06	6.828E-06	5.143E-06	1.634E-08	3.600E-08	6.174E-08	7.813E-08	1.759E-07	9.000E-09	2.646E-08	7.188E-08	1.073E-07	3.956E-03	3.561E-03
County	Fresno	2035	Annual	T7 NNOOS	05 MPH	2.234E-06	5.476E-06	4.460E-06	1.634E-08	3.600E-08	6.174E-08	6.480E-08	1.625E-07	9.000E-09	2.646E-08	5.962E-08	9.508E-08	3.956E-03	3.561E-03
County	Fresno	2035	Annual	T7 NOOS	05 MPH	2.573E-06	6.827E-06	5.143E-06	1.634E-08	3.600E-08	6.174E-08	7.813E-08	1.759E-07	9.000E-09	2.646E-08	7.188E-08	1.073E-07	3.956E-03	3.561E-03
County	Fresno	2035	Annual	T7 other port	05 MPH	3.096E-06	8.912E-06	6.196E-06	1.634E-08	3.600E-08	6.174E-08	9.869E-08	1.964E-07	9.000E-09	2.646E-08	9.080E-08	1.263E-07	3.956E-03	3.561E-03
County	Fresno	2035	Annual	T7 POAK	05 MPH	3.096E-06	8.912E-06	6.196E-06	1.634E-08	3.600E-08	6.174E-08	9.869E-08	1.964E-07	9.000E-09	2.646E-08	9.080E-08	1.263E-07	3.956E-03	3.561E-03
County	Fresno	2035	Annual	T7 POLA	05 MPH	3.096E-06	8.912E-06	6.196E-06	1.634E-08	3.600E-08	6.174E-08	9.869E-08	1.964E-07	9.000E-09	2.646E-08	9.080E-08	1.263E-07	3.956E-03	3.561E-03
County	Fresno	2035	Annual	T7 Public	05 MPH	1.719E-06	1.126E-05	3.340E-06	1.645E-08	3.600E-08	6.174E-08	9.544E-08	1.932E-07	9.000E-09	2.646E-08	8.780E-08	1.233E-07	3.983E-03	3.584E-03
County	Fresno	2035	Annual	T7 Single	05 MPH	2.029E-06	4.659E-06	4.048E-06	1.634E-08	3.600E-08	6.174E-08	5.674E-08	1.545E-07	9.000E-09	2.646E-08	5.220E-08	8.766E-08	3.956E-03	3.561E-03
County	Fresno	2035	Annual	T7 single construction	05 MPH	2.030E-06	4.661E-06	4.049E-06	1.634E-08	3.600E-08	6.174E-08	5.676E-08	1.545E-07	9.000E-09	2.646E-08	5.222E-08	8.768E-08	3.956E-03	3.561E-03
County	Fresno	2035	Annual	T7 SWCV	05 MPH	1.921E-06	5.013E-06	3.822E-06	1.636E-08	3.600E-08	6.174E-08	5.513E-08	1.529E-07	9.000E-09	2.646E-08	5.072E-08	8.618E-08	3.960E-03	3.564E-03
County	Fresno	2035	Annual	T7 tractor	05 MPH	2.585E-06	6.864E-06	5.166E-06	1.634E-08	3.600E-08	6.174E-08	7.850E-08	1.762E-07	9.000E-09	2.646E-08	7.222E-08	1.077E-07	3.956E-03	3.561E-03
County	Fresno	2035	Annual	T7 tractor construction	05 MPH	2.590E-06	6.886E-06	5.177E-06	1.634E-08	3.600E-08	6.174E-08	7.872E-08	1.765E-07	9.000E-09	2.646E-08	7.242E-08	1.079E-07	3.956E-03	3.561E-03
County	Fresno	2035	Annual	T7 utility	05 MPH	1.692E-06	3.322E-06	3.370E-06	1.634E-08	3.600E-08	6.174E-08	4.350E-08	1.412E-07	9.000E-09	2.646E-08	4.002E-08	7.548E-08	3.956E-03	3.561E-03
County	Fresno	2035	Annual	T7IS	05 MPH	2.548E-06	3.560E-06	1.239E-04	6.261E-09	8.000E-09	3.675E-08	9.465E-10	4.570E-08	2.000E-09	1.575E-08	8.782E-10	1.863E-08	2.513E-03	2.262E-03
County	Fresno	2035	Annual	UBUS	05 MPH	9.971E-07	8.836E-06	9.589E-06	1.779E-08	8.000E-09	6.095E-07	2.787E-07	8.962E-07	2.000E-09	2.612E-07	2.564E-07	5.196E-07	2.361E-03	2.125E-03

County	Fresno	2035	Annual	All Other Buses	10 MPH	7.153E-07	3.008E-06	1.358E-06	1.124E-08	1.200E-08	1.303E-07	4.400E-08	1.863E-07	3.000E-09	5.586E-08	4.048E-08	9.934E-08	2.115E-03	1.903E-03
County	Fresno	2035	Annual	LDA	10 MPH	4.117E-08	9.323E-08	1.026E-06	3.386E-09	8.000E-09	3.675E-08	8.720E-09	5.347E-08	2.000E-09	1.575E-08	8.091E-09	2.584E-08	8.333E-04	4.956E-04
County	Fresno	2035	Annual	LDT1	10 MPH	4.896E-08	1.073E-07	1.207E-06	3.932E-09	8.000E-09	3.675E-08	8.683E-09	5.343E-08	2.000E-09	1.575E-08	8.056E-09	2.581E-08	9.685E-04	5.897E-04
County	Fresno	2035	Annual	LDT2	10 MPH	5.043E-08	1.148E-07	1.201E-06	4.597E-09	8.000E-09	3.675E-08	8.665E-09	5.341E-08	2.000E-09	1.575E-08	8.040E-09	2.579E-08	1.133E-03	7.699E-04
County	Fresno	2035	Annual	LHD1	10 MPH	8.717E-08	5.600E-07	1.114E-06	7.888E-09	9.517E-09	5.180E-08	1.813E-08	7.945E-08	2.379E-09	2.220E-08	1.668E-08	4.127E-08	1.461E-03	1.315E-03
County	Fresno	2035	Annual	LHD2	10 MPH	1.077E-07	7.789E-07	1.325E-06	6.763E-09	1.047E-08	6.912E-08	2.707E-08	1.067E-07	2.617E-09	2.962E-08	2.491E-08	5.715E-08	1.100E-03	9.897E-04
County	Fresno	2035	Annual	MCY	10 MPH	4.092E-06	1.218E-06	2.208E-05	2.265E-09	8.000E-09	3.675E-08	4.020E-10	4.515E-08	2.000E-09	1.575E-08	3.529E-10	1.810E-08	2.423E-04	2.181E-04
County	Fresno	2035	Annual	MDV	10 MPH	6.901E-08	1.562E-07	1.589E-06	5.889E-09	8.000E-09	3.675E-08	8.487E-09	5.324E-08	2.000E-09	1.575E-08	7.874E-09	2.562E-08	1.451E-03	1.010E-03
County	Fresno	2035	Annual	MH	10 MPH	1.771E-07	1.687E-06	7.673E-07	7.697E-09	8.711E-09	5.339E-08	1.655E-08	7.865E-08	2.178E-09	2.288E-08	1.523E-08	4.029E-08	2.063E-03	1.857E-03
County	Fresno	2035	Annual	Motor Coach	10 MPH	1.372E-06	4.490E-06	2.936E-06	1.634E-08	1.200E-08	1.303E-07	6.392E-08	2.063E-07	3.000E-09	5.586E-08	5.881E-08	1.177E-07	3.268E-03	2.941E-03
County	Fresno	2035	Annual	OBUS	10 MPH	6.500E-08	1.366E-07	9.670E-07	6.845E-09	8.000E-09	3.675E-08	8.050E-10	4.555E-08	2.000E-09	1.575E-08	7.469E-10	1.850E-08	2.036E-03	1.833E-03
County	Fresno	2035	Annual	PTO	10 MPH	2.648E-07	2.073E-06	8.146E-07	2.020E-08	0.000E+00	0.000E+00	4.422E-08	4.422E-08	0.000E+00	0.000E+00	4.068E-08	4.068E-08	2.117E-03	1.905E-03
County	Fresno	2035	Annual	SBUS	10 MPH	9.547E-07	6.270E-06	2.718E-06	1.063E-08	1.065E-08	5.063E-07	3.960E-08	5.565E-07	2.663E-09	2.170E-07	3.644E-08	2.561E-07	2.120E-03	1.908E-03
County	Fresno	2035	Annual	T6 Ag	10 MPH	6.975E-07	2.865E-06	1.325E-06	1.124E-08	1.200E-08	1.303E-07	4.251E-08	1.848E-07	3.000E-09	5.586E-08	3.910E-08	9.796E-08	2.115E-03	1.904E-03
County	Fresno	2035	Annual	T6 CAIRP heavy	10 MPH	6.091E-07	2.350E-06	1.157E-06	1.124E-08	1.200E-08	1.303E-07	3.573E-08	1.781E-07	3.000E-09	5.586E-08	3.288E-08	9.174E-08	2.115E-03	1.903E-03
County	Fresno	2035	Annual	T6 CAIRP small	10 MPH	5.789E-07	2.161E-06	1.099E-06	1.124E-08	1.200E-08	1.303E-07	3.337E-08	1.757E-07	3.000E-09	5.586E-08	3.070E-08	8.956E-08	2.115E-03	1.903E-03
County	Fresno	2035	Annual	T6 instate construction heavy	10 MPH	6.866E-07	2.832E-06	1.304E-06	1.124E-08	1.200E-08	1.303E-07	4.178E-08	1.841E-07	3.000E-09	5.586E-08	3.843E-08	9.729E-08	2.115E-03	1.903E-03
County	Fresno	2035	Annual	T6 instate construction small	10 MPH	6.254E-07	2.452E-06	1.188E-06	1.124E-08	1.200E-08	1.303E-07	3.701E-08	1.793E-07	3.000E-09	5.586E-08	3.405E-08	9.291E-08	2.115E-03	1.903E-03
County	Fresno	2035	Annual	T6 instate heavy	10 MPH	6.877E-07	2.839E-06	1.306E-06	1.124E-08	1.200E-08	1.303E-07	4.186E-08	1.842E-07	3.000E-09	5.586E-08	3.852E-08	9.737E-08	2.115E-03	1.903E-03
County	Fresno	2035	Annual	T6 instate small	10 MPH	6.258E-07	2.455E-06	1.189E-06	1.124E-08	1.200E-08	1.303E-07	3.704E-08	1.794E-07	3.000E-09	5.586E-08	3.408E-08	9.294E-08	2.115E-03	1.903E-03
County	Fresno	2035	Annual	T6 OOS heavy	10 MPH	6.091E-07	2.350E-06	1.157E-06	1.124E-08	1.200E-08	1.303E-07	3.573E-08	1.781E-07	3.000E-09	5.586E-08	3.288E-08	9.174E-08	2.115E-03	1.903E-03
County	Fresno	2035	Annual	T6 OOS small	10 MPH	5.789E-07	2.161E-06	1.099E-06	1.124E-08	1.200E-08	1.303E-07	3.337E-08	1.757E-07	3.000E-09	5.586E-08	3.070E-08	8.956E-08	2.115E-03	1.903E-03
County	Fresno	2035	Annual	T6 Public	10 MPH	5.183E-07	2.790E-06	9.813E-07	1.127E-08	1.200E-08	1.303E-07	3.310E-08	1.754E-07	3.000E-09	5.586E-08	3.045E-08	8.931E-08	2.120E-03	1.908E-03
County	Fresno	2035	Annual	T6 utility	10 MPH	4.876E-07	1.588E-06	9.261E-07	1.124E-08	1.200E-08	1.303E-07	2.623E-08	1.686E-07	3.000E-09	5.586E-08	2.413E-08	8.299E-08	2.115E-03	1.903E-03
County	Fresno	2035	Annual	T6TS	10 MPH	5.556E-08	1.241E-07	8.396E-07	6.844E-09	8.000E-09	3.675E-08	8.137E-10	4.556E-08	2.000E-09	1.575E-08	7.550E-10	1.850E-08	2.036E-03	1.833E-03
County	Fresno	2035	Annual	T7 Ag	10 MPH	1.453E-06	4.856E-06	3.107E-06	1.634E-08	3.600E-08	6.174E-08	6.849E-08	1.662E-07	9.000E-09	2.646E-08	6.301E-08	9.847E-08	3.269E-03	2.942E-03
County	Fresno	2035	Annual	T7 CAIRP	10 MPH	1.497E-06	5.133E-06	3.204E-06	1.634E-08	3.600E-08	6.174E-08	7.165E-08	1.694E-07	9.000E-09	2.646E-08	6.592E-08	1.014E-07	3.268E-03	2.941E-03
County	Fresno	2035	Annual	T7 CAIRP construction	10 MPH	1.497E-06	5.133E-06	3.204E-06	1.634E-08	3.600E-08	6.174E-08	7.166E-08	1.694E-07	9.000E-09	2.646E-08	6.593E-08	1.014E-07	3.268E-03	2.941E-03
County	Fresno	2035	Annual	T7 NNOOS	10 MPH	1.299E-06	4.117E-06	2.779E-06	1.634E-08	3.600E-08	6.174E-08	5.943E-08	1.572E-07	9.000E-09	2.646E-08	5.468E-08	9.014E-08	3.268E-03	2.941E-03
County	Fresno	2035	Annual	T7 NOOS	10 MPH	1.497E-06	5.133E-06	3.204E-06	1.634E-08	3.600E-08	6.174E-08	7.165E-08	1.694E-07	9.000E-09	2.646E-08	6.592E-08	1.014E-07	3.268E-03	2.941E-03
County	Fresno	2035	Annual	T7 other port	10 MPH	1.801E-06	6.700E-06	3.860E-06	1.634E-08	3.600E-08	6.174E-08	9.052E-08	1.883E-07	9.000E-09	2.646E-08	8.327E-08	1.187E-07	3.268E-03	2.941E-03
County	Fresno	2035	Annual	T7 POAK	10 MPH	1.801E-06	6.700E-06	3.860E-06	1.634E-08	3.600E-08	6.174E-08	9.052E-08	1.883E-07	9.000E-09	2.646E-08	8.327E-08	1.187E-07	3.268E-03	2.941E-03
County	Fresno	2035	Annual	T7 POLA	10 MPH	1.801E-06	6.700E-06	3.860E-06	1.634E-08	3.600E-08	6.174E-08	9.052E-08	1.883E-07	9.000E-09	2.646E-08	8.327E-08	1.187E-07	3.268E-03	2.941E-03
County	Fresno	2035	Annual	T7 Public	10 MPH	1.001E-06	7.896E-06	2.110E-06	1.645E-08	3.600E-08	6.174E-08	7.436E-08	1.721E-07	9.000E-09	2.646E-08	6.841E-08	1.039E-07	3.290E-03	2.961E-03
County	Fresno	2035	Annual	T7 Single	10 MPH	1.180E-06	3.503E-06	2.522E-06	1.634E-08	3.600E-08	6.174E-08	5.204E-08	1.498E-07	9.000E-09	2.646E-08	4.788E-08	8.334E-08	3.268E-03	2.941E-03
County	Fresno	2035	Annual	T7 single construction	10 MPH	1.181E-06	3.504E-06	2.523E-06	1.634E-08	3.600E-08	6.174E-08	5.206E-08	1.498E-07	9.000E-09	2.646E-08	4.789E-08	8.335E-08	3.268E-03	2.941E-03
County	Fresno	2035	Annual	T7 SWCV	10 MPH	1.118E-06	3.735E-06	2.384E-06	1.636E-08	3.600E-08	6.174E-08	4.975E-08	1.475E-07	9.000E-09	2.646E-08	4.577E-08	8.123E-08	3.272E-03	2.944E-03
County	Fresno	2035	Annual	T7 tractor	10 MPH	1.504E-06	5.161E-06	3.218E-06	1.634E-08	3.600E-08	6.174E-08	7.200E-08	1.697E-07	9.000E-09	2.646E-08	6.624E-08	1.017E-07	3.268E-03	2.942E-03
County	Fresno	2035	Annual	T7 tractor construction	10 MPH	1.507E-06	5.177E-06	3.225E-06	1.634E-08	3.600E-08	6.174E-08	7.220E-08	1.699E-07	9.000E-09	2.646E-08	6.642E-08	1.019E-07	3.268E-03	2.942E-03
County	Fresno	2035	Annual	T7 utility	10 MPH	9.845E-07	2.498E-06	2.100E-06	1.634E-08	3.600E-08	6.174E-08	3.990E-08	1.376E-07	9.000E-09	2.646E-08	3.671E-08	7.217E-08	3.268E-03	2.941E-03
County	Fresno	2035	Annual	T7IS	10 MPH	2.072E-06	3.629E-06	1.006E-04	6.261E-09	8.000E-09	3.675E-08	7.622E-10	4.551E-08	2.000E-09	1.575E-08	7.072E-10	1.846E-08	2.036E-03	1.833E-03
County	Fresno	2035	Annual	UBUS	10 MPH	8.265E-07	7.757E-06	7.675E-06	1.779E-08	8.000E-09	6.095E-07	2.363E-07	8.538E-07	2.000E-09	2.612E-07	2.174E-07	4.806E-07	2.224E-03	2.001E-03

County	Fresno	2035	Annual	All Other Buses	15 MPH	3.635E-07	2.263E-06	7.880E-07	1.124E-08	1.200E-08	1.303E-07	4.015E-08	1.825E-07	3.000E-09	5.586E-08	3.694E-08	9.580E-08	1.736E-03	1.563E-03
County	Fresno	2035	Annual	LDA	15 MPH	2.765E-08	8.177E-08	9.501E-07	3.386E-09	8.000E-09	3.675E-08	5.791E-09	5.054E-08	2.000E-09	1.575E-08	5.373E-09	2.312E-08	6.458E-04	3.841E-04
County	Fresno	2035	Annual	LDT1	15 MPH	3.303E-08	9.381E-08	1.116E-06	3.932E-09	8.000E-09	3.675E-08	5.770E-09	5.052E-08	2.000E-09	1.575E-08	5.354E-09	2.310E-08	7.504E-04	4.569E-04
County	Fresno	2035	Annual	LDT2	15 MPH	3.391E-08	1.005E-07	1.112E-06	4.597E-09	8.000E-09	3.675E-08	5.754E-09	5.050E-08	2.000E-09	1.575E-08	5.339E-09	2.309E-08	8.779E-04	5.965E-04
County	Fresno	2035	Annual	LHD1	15 MPH	6.629E-08	4.860E-07	7.780E-07	7.888E-09	9.517E-09	5.180E-08	1.431E-08	7.563E-08	2.379E-09	2.220E-08	1.317E-08	3.775E-08	1.061E-03	9.550E-04
County	Fresno	2035	Annual	LHD2	15 MPH	8.418E-08	6.645E-07	9.309E-07	6.763E-09	1.047E-08	6.912E-08	2.145E-08	1.010E-07	2.617E-09	2.962E-08	1.974E-08	5.197E-08	8.533E-04	7.680E-04
County	Fresno	2035	Annual	MCY	15 MPH	3.169E-06	1.163E-06	1.908E-05	2.265E-09	8.000E-09	3.675E-08	3.094E-10	4.506E-08	2.000E-09	1.575E-08	2.709E-10	1.802E-08	2.050E-04	1.845E-04
County	Fresno	2035	Annual	MDV	15 MPH	4.660E-08	1.361E-07	1.468E-06	5.889E-09	8.000E-09	3.675E-08	5.639E-09	5.039E-08	2.000E-09	1.575E-08	5.232E-09	2.298E-08	1.124E-03	7.822E-04
County	Fresno	2035	Annual	MH	15 MPH	9.594E-08	1.280E-06	5.036E-07	7.697E-09	8.711E-09	5.339E-08	1.236E-08	7.446E-08	2.178E-09	2.288E-08	1.137E-08	3.643E-08	1.464E-03	1.318E-03
County	Fresno	2035	Annual	Motor Coach	15 MPH	6.974E-07	3.378E-06	1.703E-06	1.634E-08	1.200E-08	1.303E-07	5.834E-08	2.007E-07	3.000E-09	5.586E-08	5.367E-08	1.125E-07	2.684E-03	2.415E-03
County	Fresno	2035	Annual	OBUS	15 MPH	4.367E-08	1.424E-07	6.636E-07	6.845E-09	8.000E-09	3.675E-08	5.385E-10	4.529E-08	2.000E-09	1.575E-08	4.997E-10	1.825E-08	1.392E-03	1.253E-03
County	Fresno	2035	Annual	PTO	15 MPH	2.648E-07	2.073E-06	8.146E-07	2.020E-08	0.000E+00	0.000E+00	4.422E-08	4.422E-08	0.000E+00	0.000E+00	4.068E-08	4.068E-08	2.117E-03	1.905E-03
County	Fresno	2035	Annual	SBUS	15 MPH	4.971E-07	4.752E-06	1.685E-06	1.063E-08	1.065E-08	5.063E-07	3.603E-08	5.530E-07	2.663E-09	2.170E-07	3.315E-08	2.528E-07	1.646E-03	1.482E-03
County	Fresno	2035	Annual	T6 Ag	15 MPH	3.545E-07	2.156E-06	7.685E-07	1.124E-08	1.200E-08	1.303E-07	3.879E-08	1.811E-07	3.000E-09	5.586E-08	3.569E-08	9.455E-08	1.737E-03	1.563E-03
County	Fresno	2035	Annual	T6 CAIRP heavy	15 MPH	3.095E-07	1.768E-06	6.711E-07	1.124E-08	1.200E-08	1.303E-07	3.261E-08	1.750E-07	3.000E-09	5.586E-08	3.000E-08	8.886E-08	1.736E-03	1.563E-03
County	Fresno	2035	Annual	T6 CAIRP small	15 MPH	2.942E-07	1.626E-06	6.378E-07	1.124E-08	1.200E-08	1.303E-07	3.046E-08	1.728E-07	3.000E-09	5.586E-08	2.802E-08	8.688E-08	1.736E-03	1.563E-03
County	Fresno	2035	Annual	T6 instate construction heavy	15 MPH	3.489E-07	2.131E-06	7.564E-07	1.124E-08	1.200E-08	1.303E-07	3.813E-08	1.805E-07	3.000E-09	5.586E-08	3.508E-08	9.394E-08	1.736E-03	1.563E-03
County	Fresno	2035	Annual	T6 instate construction small	15 MPH	3.178E-07	1.845E-06	6.891E-07	1.124E-08	1.200E-08	1.303E-07	3.378E-08	1.761E-07	3.000E-09	5.586E-08	3.107E-08	8.993E-08	1.736E-03	1.563E-03
County	Fresno	2035	Annual	T6 instate heavy	15 MPH	3.495E-07	2.136E-06	7.576E-07	1.124E-08	1.200E-08	1.303E-07	3.821E-08	1.805E-07	3.000E-09	5.586E-08	3.515E-08	9.401E-08	1.736E-03	1.563E-03
County	Fresno	2035	Annual	T6 instate small	15 MPH	3.180E-07	1.847E-06	6.895E-07	1.124E-08	1.200E-08	1.303E-07	3.381E-08	1.761E-07	3.000E-09	5.586E-08	3.110E-08	8.996E-08	1.736E-03	1.563E-03
County	Fresno	2035	Annual	T6 OOS heavy	15 MPH	3.095E-07	1.768E-06	6.711E-07	1.124E-08	1.200E-08	1.303E-07	3.261E-08	1.750E-07	3.000E-09	5.586E-08	3.000E-08	8.886E-08	1.736E-03	1.563E-03
County	Fresno	2035	Annual	T6 OOS small	15 MPH	2.942E-07	1.626E-06	6.378E-07	1.124E-08	1.200E-08	1.303E-07	3.046E-08	1.728E-07	3.000E-09	5.586E-08	2.802E-08	8.688E-08	1.736E-03	1.563E-03
County	Fresno	2035	Annual	T6 Public	15 MPH	2.634E-07	2.056E-06	5.719E-07	1.127E-08	1.200E-08	1.303E-07	2.889E-08	1.712E-07	3.000E-09	5.586E-08	2.658E-08	8.544E-08	1.741E-03	1.567E-03
County	Fresno	2035	Annual	T6 utility	15 MPH	2.478E-07	1.195E-06	5.372E-07	1.124E-08	1.200E-08	1.303E-07	2.394E-08	1.663E-07	3.000E-09	5.586E-08	2.202E-08	8.088E-08	1.736E-03	1.563E-03
County	Fresno	2035	Annual	T6TS	15 MPH	3.732E-08	1.294E-07	5.761E-07	6.844E-09	8.000E-09	3.675E-08	5.443E-10	4.529E-08	2.000E-09	1.575E-08	5.050E-10	1.825E-08	1.392E-03	1.253E-03
County	Fresno	2035	Annual	T7 Ag	15 MPH	7.382E-07	3.654E-06	1.802E-06	1.634E-08	3.600E-08	6.174E-08	6.251E-08	1.602E-07	9.000E-09	2.646E-08	5.751E-08	9.297E-08	2.684E-03	2.416E-03
County	Fresno	2035	Annual	T7 CAIRP	15 MPH	7.606E-07	3.862E-06	1.859E-06	1.634E-08	3.600E-08	6.174E-08	6.540E-08	1.631E-07	9.000E-09	2.646E-08	6.016E-08	9.562E-08	2.684E-03	2.415E-03
County	Fresno	2035	Annual	T7 CAIRP construction	15 MPH	7.606E-07	3.862E-06	1.859E-06	1.634E-08	3.600E-08	6.174E-08	6.540E-08	1.631E-07	9.000E-09	2.646E-08	6.017E-08	9.563E-08	2.684E-03	2.415E-03
County	Fresno	2035	Annual	T7 NNOOS	15 MPH	6.603E-07	3.098E-06	1.612E-06	1.634E-08	3.600E-08	6.174E-08	5.424E-08	1.520E-07	9.000E-09	2.646E-08	4.990E-08	8.536E-08	2.684E-03	2.415E-03
County	Fresno	2035	Annual	T7 NOOS	15 MPH	7.606E-07	3.862E-06	1.859E-06	1.634E-08	3.600E-08	6.174E-08	6.540E-08	1.631E-07	9.000E-09	2.646E-08	6.016E-08	9.562E-08	2.684E-03	2.415E-03
County	Fresno	2035	Annual	T7 other port	15 MPH	9.152E-07	5.041E-06	2.239E-06	1.634E-08	3.600E-08	6.174E-08	8.261E-08	1.804E-07	9.000E-09	2.646E-08	7.600E-08	1.115E-07	2.684E-03	2.415E-03
County	Fresno	2035	Annual	T7 POAK	15 MPH	9.152E-07	5.041E-06	2.239E-06	1.634E-08	3.600E-08	6.174E-08	8.261E-08	1.804E-07	9.000E-09	2.646E-08	7.600E-08	1.115E-07	2.684E-03	2.415E-03
County	Fresno	2035	Annual	T7 POLA	15 MPH	9.152E-07	5.041E-06	2.239E-06	1.634E-08	3.600E-08	6.174E-08	8.261E-08	1.804E-07	9.000E-09	2.646E-08	7.600E-08	1.115E-07	2.684E-03	2.415E-03
County	Fresno	2035	Annual	T7 Public	15 MPH	5.086E-07	5.576E-06	1.249E-06	1.645E-08	3.600E-08	6.174E-08	5.767E-08	1.554E-07	9.000E-09	2.646E-08	5.306E-08	8.852E-08	2.701E-03	2.431E-03
County	Fresno	2035	Annual	T7 Single	15 MPH	5.999E-07	2.635E-06	1.463E-06	1.634E-08	3.600E-08	6.174E-08	4.749E-08	1.452E-07	9.000E-09	2.646E-08	4.369E-08	7.915E-08	2.684E-03	2.415E-03
County	Fresno	2035	Annual	T7 single construction	15 MPH	6.000E-07	2.636E-06	1.464E-06	1.634E-08	3.600E-08	6.174E-08	4.751E-08	1.453E-07	9.000E-09	2.646E-08	4.371E-08	7.917E-08	2.684E-03	2.415E-03
County	Fresno	2035	Annual	T7 SWCV	15 MPH	5.680E-07	2.788E-06	1.385E-06	1.636E-08	3.600E-08	6.174E-08	4.478E-08	1.425E-07	9.000E-09	2.646E-08	4.120E-08	7.666E-08	2.686E-03	2.418E-03
County	Fresno	2035	Annual	T7 tractor	15 MPH	7.640E-07	3.883E-06	1.867E-06	1.634E-08	3.600E-08	6.174E-08	6.571E-08	1.635E-07	9.000E-09	2.646E-08	6.045E-08	9.591E-08	2.684E-03	2.415E-03
County	Fresno	2035	Annual	T7 tractor construction	15 MPH	7.657E-07	3.895E-06	1.871E-06	1.634E-08	3.600E-08	6.174E-08	6.589E-08	1.636E-07	9.000E-09	2.646E-08	6.062E-08	9.608E-08	2.684E-03	2.415E-03
County	Fresno	2035	Annual	T7 utility	15 MPH	5.003E-07	1.879E-06	1.218E-06	1.634E-08	3.600E-08	6.174E-08	3.641E-08	1.342E-07	9.000E-09	2.646E-08	3.350E-08	6.896E-08	2.684E-03	2.415E-03
County	Fresno	2035	Annual	T7IS	15 MPH	1.381E-06	3.802E-06	6.888E-05	6.261E-09	8.000E-09	3.675E-08	5.099E-10	4.526E-08	2.000E-09	1.575E-08	4.731E-10	1.822E-08	1.392E-03	1.253E-03
County	Fresno	2035	Annual	UBUS	15 MPH	5.853E-07	6.220E-06	5.135E-06	1.779E-08	8.000E-09	6.095E-07	1.744E-07	7.919E-07	2.000E-09	2.612E-07	1.605E-07	4.237E-07	2.038E-03	1.834E-03

County	Fresno	2035	Annual	All Other Buses	20 MPH	1.563E-07	1.711E-06	4.273E-07	1.124E-08	1.200E-08	1.303E-07	3.606E-08	1.784E-07	3.000E-09	5.586E-08	3.318E-08	9.204E-08	1.370E-03	1.233E-03
County	Fresno	2035	Annual	LDA	20 MPH	1.923E-08	7.316E-08	8.590E-07	3.386E-09	8.000E-09	3.675E-08	4.058E-09	4.881E-08	2.000E-09	1.575E-08	3.765E-09	2.151E-08	5.139E-04	3.057E-04
County	Fresno	2035	Annual	LDT1	20 MPH	2.304E-08	8.376E-08	1.007E-06	3.932E-09	8.000E-09	3.675E-08	4.045E-09	4.879E-08	2.000E-09	1.575E-08	3.753E-09	2.150E-08	5.972E-04	3.636E-04
County	Fresno	2035	Annual	LDT2	20 MPH	2.361E-08	8.982E-08	1.005E-06	4.597E-09	8.000E-09	3.675E-08	4.031E-09	4.878E-08	2.000E-09	1.575E-08	3.740E-09	2.149E-08	6.987E-04	4.747E-04
County	Fresno	2035	Annual	LHD1	20 MPH	5.197E-08	4.366E-07	5.700E-07	7.888E-09	9.517E-09	5.180E-08	1.156E-08	7.288E-08	2.379E-09	2.220E-08	1.064E-08	3.522E-08	8.213E-04	7.392E-04
County	Fresno	2035	Annual	LHD2	20 MPH	6.746E-08	5.867E-07	6.852E-07	6.763E-09	1.047E-08	6.912E-08	1.738E-08	9.697E-08	2.617E-09	2.962E-08	1.599E-08	4.823E-08	7.055E-04	6.349E-04
County	Fresno	2035	Annual	MCY	20 MPH	2.589E-06	1.135E-06	1.708E-05	2.265E-09	8.000E-09	3.675E-08	2.509E-10	4.500E-08	2.000E-09	1.575E-08	2.191E-10	1.797E-08	1.787E-04	1.609E-04
County	Fresno	2035	Annual	MDV	20 MPH	3.246E-08	1.212E-07	1.326E-06	5.889E-09	8.000E-09	3.675E-08	3.952E-09	4.870E-08	2.000E-09	1.575E-08	3.667E-09	2.142E-08	8.949E-04	6.225E-04
County	Fresno	2035	Annual	MH	20 MPH	5.095E-08	1.024E-06	3.469E-07	7.697E-09	8.711E-09	5.339E-08	9.358E-09	7.146E-08	2.178E-09	2.288E-08	8.612E-09	3.367E-08	1.089E-03	9.804E-04
County	Fresno	2035	Annual	Motor Coach	20 MPH	2.998E-07	2.553E-06	9.235E-07	1.634E-08	1.200E-08	1.303E-07	5.239E-08	1.947E-07	3.000E-09	5.586E-08	4.820E-08	1.071E-07	2.117E-03	1.905E-03
County	Fresno	2035	Annual	OBUS	20 MPH	3.044E-08	1.491E-07	4.795E-07	6.845E-09	8.000E-09	3.675E-08	3.755E-10	4.513E-08	2.000E-09	1.575E-08	3.484E-10	1.810E-08	1.006E-03	9.055E-04
County	Fresno	2035	Annual	PTO	20 MPH	2.579E-07	1.992E-06	7.933E-07	2.020E-08	0.000E+00	0.000E+00	4.265E-08	4.265E-08	0.000E+00	0.000E+00	3.924E-08	3.924E-08	2.117E-03	1.905E-03
County	Fresno	2035	Annual	SBUS	20 MPH	2.271E-07	3.627E-06	1.043E-06	1.063E-08	1.065E-08	5.063E-07	3.229E-08	5.492E-07	2.663E-09	2.170E-07	2.971E-08	2.494E-07	1.268E-03	1.141E-03
County	Fresno	2035	Annual	T6 Ag	20 MPH	1.524E-07	1.629E-06	4.167E-07	1.124E-08	1.200E-08	1.303E-07	3.484E-08	1.772E-07	3.000E-09	5.586E-08	3.205E-08	9.091E-08	1.370E-03	1.233E-03
County	Fresno	2035	Annual	T6 CAIRP heavy	20 MPH	1.331E-07	1.336E-06	3.639E-07	1.124E-08	1.200E-08	1.303E-07	2.929E-08	1.716E-07	3.000E-09	5.586E-08	2.695E-08	8.581E-08	1.370E-03	1.233E-03
County	Fresno	2035	Annual	T6 CAIRP small	20 MPH	1.265E-07	1.229E-06	3.458E-07	1.124E-08	1.200E-08	1.303E-07	2.735E-08	1.697E-07	3.000E-09	5.586E-08	2.516E-08	8.402E-08	1.370E-03	1.233E-03
County	Fresno	2035	Annual	T6 instate construction heavy	20 MPH	1.500E-07	1.610E-06	4.101E-07	1.124E-08	1.200E-08	1.303E-07	3.424E-08	1.766E-07	3.000E-09	5.586E-08	3.150E-08	9.036E-08	1.370E-03	1.233E-03
County	Fresno	2035	Annual	T6 instate construction small	20 MPH	1.366E-07	1.394E-06	3.736E-07	1.124E-08	1.200E-08	1.303E-07	3.033E-08	1.727E-07	3.000E-09	5.586E-08	2.791E-08	8.677E-08	1.370E-03	1.233E-03
County	Fresno	2035	Annual	T6 instate heavy	20 MPH	1.502E-07	1.614E-06	4.108E-07	1.124E-08	1.200E-08	1.303E-07	3.431E-08	1.767E-07	3.000E-09	5.586E-08	3.157E-08	9.043E-08	1.370E-03	1.233E-03
County	Fresno	2035	Annual	T6 instate small	20 MPH	1.367E-07	1.396E-06	3.739E-07	1.124E-08	1.200E-08	1.303E-07	3.036E-08	1.727E-07	3.000E-09	5.586E-08	2.793E-08	8.679E-08	1.370E-03	1.233E-03
County	Fresno	2035	Annual	T6 OOS heavy	20 MPH	1.331E-07	1.336E-06	3.639E-07	1.124E-08	1.200E-08	1.303E-07	2.929E-08	1.716E-07	3.000E-09	5.586E-08	2.695E-08	8.581E-08	1.370E-03	1.233E-03
County	Fresno	2035	Annual	T6 OOS small	20 MPH	1.265E-07	1.229E-06	3.458E-07	1.124E-08	1.200E-08	1.303E-07	2.735E-08	1.697E-07	3.000E-09	5.586E-08	2.516E-08	8.402E-08	1.370E-03	1.233E-03
County	Fresno	2035	Annual	T6 Public	20 MPH	1.130E-07	1.550E-06	3.119E-07	1.127E-08	1.200E-08	1.303E-07	2.495E-08	1.673E-07	3.000E-09	5.586E-08	2.295E-08	8.181E-08	1.373E-03	1.236E-03
County	Fresno	2035	Annual	T6 utility	20 MPH	1.065E-07	9.033E-07	2.913E-07	1.124E-08	1.200E-08	1.303E-07	2.150E-08	1.638E-07	3.000E-09	5.586E-08	1.978E-08	7.864E-08	1.370E-03	1.233E-03
County	Fresno	2035	Annual	T6TS	20 MPH	2.602E-08	1.355E-07	4.163E-07	6.844E-09	8.000E-09	3.675E-08	3.796E-10	4.513E-08	2.000E-09	1.575E-08	3.522E-10	1.810E-08	1.006E-03	9.055E-04
County	Fresno	2035	Annual	T7 Ag	20 MPH	3.174E-07	2.762E-06	9.773E-07	1.634E-08	3.600E-08	6.174E-08	5.614E-08	1.539E-07	9.000E-09	2.646E-08	5.164E-08	8.710E-08	2.117E-03	1.906E-03
County	Fresno	2035	Annual	T7 CAIRP	20 MPH	3.270E-07	2.919E-06	1.008E-06	1.634E-08	3.600E-08	6.174E-08	5.873E-08	1.565E-07	9.000E-09	2.646E-08	5.403E-08	8.949E-08	2.117E-03	1.905E-03
County	Fresno	2035	Annual	T7 CAIRP construction	20 MPH	3.270E-07	2.919E-06	1.008E-06	1.634E-08	3.600E-08	6.174E-08	5.874E-08	1.565E-07	9.000E-09	2.646E-08	5.404E-08	8.950E-08	2.117E-03	1.905E-03
County	Fresno	2035	Annual	T7 NNOOS	20 MPH	2.839E-07	2.341E-06	8.741E-07	1.634E-08	3.600E-08	6.174E-08	4.871E-08	1.465E-07	9.000E-09	2.646E-08	4.482E-08	8.028E-08	2.117E-03	1.905E-03
County	Fresno	2035	Annual	T7 NOOS	20 MPH	3.270E-07	2.919E-06	1.008E-06	1.634E-08	3.600E-08	6.174E-08	5.873E-08	1.565E-07	9.000E-09	2.646E-08	5.403E-08	8.949E-08	2.117E-03	1.905E-03
County	Fresno	2035	Annual	T7 other port	20 MPH	3.934E-07	3.810E-06	1.214E-06	1.634E-08	3.600E-08	6.174E-08	7.419E-08	1.719E-07	9.000E-09	2.646E-08	6.826E-08	1.037E-07	2.117E-03	1.905E-03
County	Fresno	2035	Annual	T7 POAK	20 MPH	3.934E-07	3.810E-06	1.214E-06	1.634E-08	3.600E-08	6.174E-08	7.419E-08	1.719E-07	9.000E-09	2.646E-08	6.826E-08	1.037E-07	2.117E-03	1.905E-03
County	Fresno	2035	Annual	T7 POLA	20 MPH	3.934E-07	3.810E-06	1.214E-06	1.634E-08	3.600E-08	6.174E-08	7.419E-08	1.719E-07	9.000E-09	2.646E-08	6.826E-08	1.037E-07	2.117E-03	1.905E-03
County	Fresno	2035	Annual	T7 Public	20 MPH	2.169E-07	4.184E-06	6.951E-07	1.645E-08	3.600E-08	6.174E-08	4.411E-08	1.419E-07	9.000E-09	2.646E-08	4.059E-08	7.604E-08	2.131E-03	1.918E-03
County	Fresno	2035	Annual	T7 Single	20 MPH	2.579E-07	1.992E-06	7.933E-07	1.634E-08	3.600E-08	6.174E-08	4.265E-08	1.404E-07	9.000E-09	2.646E-08	3.924E-08	7.470E-08	2.117E-03	1.905E-03
County	Fresno	2035	Annual	T7 single construction	20 MPH	2.580E-07	1.993E-06	7.936E-07	1.634E-08	3.600E-08	6.174E-08	4.267E-08	1.404E-07	9.000E-09	2.646E-08	3.926E-08	7.472E-08	2.117E-03	1.905E-03
County	Fresno	2035	Annual	T7 SWCV	20 MPH	2.441E-07	2.105E-06	7.524E-07	1.636E-08	3.600E-08	6.174E-08	3.975E-08	1.375E-07	9.000E-09	2.646E-08	3.657E-08	7.203E-08	2.119E-03	1.907E-03
County	Fresno	2035	Annual	T7 tractor	20 MPH	3.285E-07	2.935E-06	1.012E-06	1.634E-08	3.600E-08	6.174E-08	5.901E-08	1.568E-07	9.000E-09	2.646E-08	5.429E-08	8.975E-08	2.117E-03	1.905E-03
County	Fresno	2035	Annual	T7 tractor construction	20 MPH	3.292E-07	2.944E-06	1.014E-06	1.634E-08	3.600E-08	6.174E-08	5.918E-08	1.569E-07	9.000E-09	2.646E-08	5.444E-08	8.990E-08	2.117E-03	1.905E-03
County	Fresno	2035	Annual	T7 utility	20 MPH	2.151E-07	1.420E-06	6.604E-07	1.634E-08	3.600E-08	6.174E-08	3.270E-08	1.304E-07	9.000E-09	2.646E-08	3.009E-08	6.555E-08	2.117E-03	1.905E-03
County	Fresno	2035	Annual	T7IS	20 MPH	9.595E-07	4.006E-06	4.963E-05	6.261E-09	8.000E-09	3.675E-08	3.556E-10	4.511E-08	2.000E-09	1.575E-08	3.299E-10	1.808E-08	1.006E-03	9.055E-04
County	Fresno	2035	Annual	UBUS	20 MPH	4.313E-07	5.248E-06	3.640E-06	1.779E-08	8.000E-09	6.095E-07	1.333E-07	7.508E-07	2.000E-09	2.612E-07	1.227E-07	3.859E-07	1.926E-03	1.734E-03

County	Fresno	2035	Annual	All Other Buses	25 MPH	1.365E-07	1.534E-06	4.033E-07	1.124E-08	1.200E-08	1.303E-07	3.442E-08	1.768E-07	3.000E-09	5.586E-08	3.167E-08	9.053E-08	1.278E-03	1.150E-03
County	Fresno	2035	Annual	LDA	25 MPH	1.432E-08	6.669E-08	7.970E-07	3.386E-09	8.000E-09	3.675E-08	2.999E-09	4.775E-08	2.000E-09	1.575E-08	2.783E-09	2.053E-08	4.280E-04	2.546E-04
County	Fresno	2035	Annual	LDT1	25 MPH	1.722E-08	7.624E-08	9.332E-07	3.932E-09	8.000E-09	3.675E-08	2.991E-09	4.774E-08	2.000E-09	1.575E-08	2.775E-09	2.053E-08	4.972E-04	3.027E-04
County	Fresno	2035	Annual	LDT2	25 MPH	1.759E-08	8.180E-08	9.318E-07	4.597E-09	8.000E-09	3.675E-08	2.979E-09	4.773E-08	2.000E-09	1.575E-08	2.764E-09	2.051E-08	5.817E-04	3.952E-04
County	Fresno	2035	Annual	LHD1	25 MPH	4.192E-08	4.071E-07	4.379E-07	7.888E-09	9.517E-09	5.180E-08	9.557E-09	7.088E-08	2.379E-09	2.220E-08	8.794E-09	3.338E-08	6.736E-04	6.062E-04
County	Fresno	2035	Annual	LHD2	25 MPH	5.541E-08	5.383E-07	5.282E-07	6.763E-09	1.047E-08	6.912E-08	1.440E-08	9.399E-08	2.617E-09	2.962E-08	1.325E-08	4.549E-08	6.144E-04	5.529E-04
County	Fresno	2035	Annual	MCY	25 MPH	2.222E-06	1.116E-06	1.590E-05	2.265E-09	8.000E-09	3.675E-08	2.141E-10	4.496E-08	2.000E-09	1.575E-08	1.865E-10	1.794E-08	1.605E-04	1.445E-04
County	Fresno	2035	Annual	MDV	25 MPH	2.430E-08	1.102E-07	1.229E-06	5.889E-09	8.000E-09	3.675E-08	2.922E-09	4.767E-08	2.000E-09	1.575E-08	2.711E-09	2.046E-08	7.450E-04	5.182E-04
County	Fresno	2035	Annual	MH	25 MPH	3.854E-08	9.169E-07	2.730E-07	7.697E-09	8.711E-09	5.339E-08	8.074E-09	7.018E-08	2.178E-09	2.288E-08	7.430E-09	3.249E-08	8.666E-04	7.799E-04
County	Fresno	2035	Annual	Motor Coach	25 MPH	2.620E-07	2.289E-06	8.717E-07	1.634E-08	1.200E-08	1.303E-07	5.001E-08	1.924E-07	3.000E-09	5.586E-08	4.601E-08	1.049E-07	1.975E-03	1.778E-03
County	Fresno	2035	Annual	OBUS	25 MPH	2.214E-08	1.557E-07	3.662E-07	6.845E-09	8.000E-09	3.675E-08	2.730E-10	4.502E-08	2.000E-09	1.575E-08	2.533E-10	1.800E-08	7.680E-04	6.912E-04
County	Fresno	2035	Annual	PTO	25 MPH	2.648E-07	2.073E-06	8.146E-07	2.020E-08	0.000E+00	0.000E+00	4.422E-08	4.422E-08	0.000E+00	0.000E+00	4.068E-08	4.068E-08	2.117E-03	1.905E-03
County	Fresno	2035	Annual	SBUS	25 MPH	1.933E-07	3.270E-06	8.911E-07	1.063E-08	1.065E-08	5.063E-07	3.077E-08	5.477E-07	2.663E-09	2.170E-07	2.831E-08	2.480E-07	1.125E-03	1.013E-03
County	Fresno	2035	Annual	T6 Ag	25 MPH	1.331E-07	1.461E-06	3.933E-07	1.124E-08	1.200E-08	1.303E-07	3.326E-08	1.756E-07	3.000E-09	5.586E-08	3.060E-08	8.946E-08	1.278E-03	1.150E-03
County	Fresno	2035	Annual	T6 CAIRP heavy	25 MPH	1.163E-07	1.198E-06	3.435E-07	1.124E-08	1.200E-08	1.303E-07	2.796E-08	1.703E-07	3.000E-09	5.586E-08	2.572E-08	8.458E-08	1.278E-03	1.150E-03
County	Fresno	2035	Annual	T6 CAIRP small	25 MPH	1.105E-07	1.102E-06	3.265E-07	1.124E-08	1.200E-08	1.303E-07	2.611E-08	1.684E-07	3.000E-09	5.586E-08	2.402E-08	8.288E-08	1.278E-03	1.150E-03
County	Fresno	2035	Annual	T6 instate construction heavy	25 MPH	1.311E-07	1.444E-06	3.872E-07	1.124E-08	1.200E-08	1.303E-07	3.269E-08	1.750E-07	3.000E-09	5.586E-08	3.007E-08	8.893E-08	1.278E-03	1.150E-03
County	Fresno	2035	Annual	T6 instate construction small	25 MPH	1.194E-07	1.250E-06	3.527E-07	1.124E-08	1.200E-08	1.303E-07	2.896E-08	1.713E-07	3.000E-09	5.586E-08	2.664E-08	8.550E-08	1.278E-03	1.150E-03
County	Fresno	2035	Annual	T6 instate heavy	25 MPH	1.313E-07	1.447E-06	3.878E-07	1.124E-08	1.200E-08	1.303E-07	3.276E-08	1.751E-07	3.000E-09	5.586E-08	3.013E-08	8.899E-08	1.278E-03	1.150E-03
County	Fresno	2035	Annual	T6 instate small	25 MPH	1.195E-07	1.251E-06	3.529E-07	1.124E-08	1.200E-08	1.303E-07	2.898E-08	1.713E-07	3.000E-09	5.586E-08	2.666E-08	8.552E-08	1.278E-03	1.150E-03
County	Fresno	2035	Annual	T6 OOS heavy	25 MPH	1.163E-07	1.198E-06	3.435E-07	1.124E-08	1.200E-08	1.303E-07	2.796E-08	1.703E-07	3.000E-09	5.586E-08	2.572E-08	8.458E-08	1.278E-03	1.150E-03
County	Fresno	2035	Annual	T6 OOS small	25 MPH	1.105E-07	1.102E-06	3.265E-07	1.124E-08	1.200E-08	1.303E-07	2.611E-08	1.684E-07	3.000E-09	5.586E-08	2.402E-08	8.288E-08	1.278E-03	1.150E-03
County	Fresno	2035	Annual	T6 Public	25 MPH	9.856E-08	1.411E-06	2.934E-07	1.127E-08	1.200E-08	1.303E-07	2.356E-08	1.659E-07	3.000E-09	5.586E-08	2.167E-08	8.053E-08	1.281E-03	1.153E-03
County	Fresno	2035	Annual	T6 utility	25 MPH	9.308E-08	8.098E-07	2.750E-07	1.124E-08	1.200E-08	1.303E-07	2.052E-08	1.629E-07	3.000E-09	5.586E-08	1.888E-08	7.774E-08	1.278E-03	1.150E-03
County	Fresno	2035	Annual	T6TS	25 MPH	1.892E-08	1.414E-07	3.180E-07	6.844E-09	8.000E-09	3.675E-08	2.759E-10	4.503E-08	2.000E-09	1.575E-08	2.560E-10	1.801E-08	7.680E-04	6.912E-04
County	Fresno	2035	Annual	T7 Ag	25 MPH	2.773E-07	2.476E-06	9.226E-07	1.634E-08	3.600E-08	6.174E-08	5.359E-08	1.513E-07	9.000E-09	2.646E-08	4.930E-08	8.476E-08	1.976E-03	1.778E-03
County	Fresno	2035	Annual	T7 CAIRP	25 MPH	2.857E-07	2.617E-06	9.514E-07	1.634E-08	3.600E-08	6.174E-08	5.606E-08	1.538E-07	9.000E-09	2.646E-08	5.158E-08	8.704E-08	1.975E-03	1.778E-03
County	Fresno	2035	Annual	T7 CAIRP construction	25 MPH	2.857E-07	2.617E-06	9.514E-07	1.634E-08	3.600E-08	6.174E-08	5.607E-08	1.538E-07	9.000E-09	2.646E-08	5.158E-08	8.704E-08	1.975E-03	1.778E-03
County	Fresno	2035	Annual	T7 NNOOS	25 MPH	2.480E-07	2.099E-06	8.251E-07	1.634E-08	3.600E-08	6.174E-08	4.650E-08	1.442E-07	9.000E-09	2.646E-08	4.278E-08	7.824E-08	1.975E-03	1.778E-03
County	Fresno	2035	Annual	T7 NOOS	25 MPH	2.857E-07	2.617E-06	9.514E-07	1.634E-08	3.600E-08	6.174E-08	5.606E-08	1.538E-07	9.000E-09	2.646E-08	5.158E-08	8.704E-08	1.975E-03	1.778E-03
County	Fresno	2035	Annual	T7 other port	25 MPH	3.438E-07	3.416E-06	1.146E-06	1.634E-08	3.600E-08	6.174E-08	7.082E-08	1.686E-07	9.000E-09	2.646E-08	6.516E-08	1.006E-07	1.975E-03	1.778E-03
County	Fresno	2035	Annual	T7 POAK	25 MPH	3.438E-07	3.416E-06	1.146E-06	1.634E-08	3.600E-08	6.174E-08	7.082E-08	1.686E-07	9.000E-09	2.646E-08	6.516E-08	1.006E-07	1.975E-03	1.778E-03
County	Fresno	2035	Annual	T7 POLA	25 MPH	3.438E-07	3.416E-06	1.146E-06	1.634E-08	3.600E-08	6.174E-08	7.082E-08	1.686E-07	9.000E-09	2.646E-08	6.516E-08	1.006E-07	1.975E-03	1.778E-03
County	Fresno	2035	Annual	T7 Public	25 MPH	1.879E-07	3.931E-06	6.466E-07	1.645E-08	3.600E-08	6.174E-08	4.011E-08	1.378E-07	9.000E-09	2.646E-08	3.690E-08	7.236E-08	1.988E-03	1.790E-03
County	Fresno	2035	Annual	T7 Single	25 MPH	2.253E-07	1.786E-06	7.489E-07	1.634E-08	3.600E-08	6.174E-08	4.072E-08	1.385E-07	9.000E-09	2.646E-08	3.746E-08	7.292E-08	1.975E-03	1.778E-03
County	Fresno	2035	Annual	T7 single construction	25 MPH	2.254E-07	1.787E-06	7.491E-07	1.634E-08	3.600E-08	6.174E-08	4.073E-08	1.385E-07	9.000E-09	2.646E-08	3.747E-08	7.293E-08	1.975E-03	1.778E-03
County	Fresno	2035	Annual	T7 SWCV	25 MPH	2.131E-07	1.898E-06	7.095E-07	1.636E-08	3.600E-08	6.174E-08	3.782E-08	1.356E-07	9.000E-09	2.646E-08	3.479E-08	7.025E-08	1.977E-03	1.780E-03
County	Fresno	2035	Annual	T7 tractor	25 MPH	2.870E-07	2.631E-06	9.556E-07	1.634E-08	3.600E-08	6.174E-08	5.633E-08	1.541E-07	9.000E-09	2.646E-08	5.183E-08	8.729E-08	1.975E-03	1.778E-03
County	Fresno	2035	Annual	T7 tractor construction	25 MPH	2.876E-07	2.639E-06	9.577E-07	1.634E-08	3.600E-08	6.174E-08	5.649E-08	1.542E-07	9.000E-09	2.646E-08	5.197E-08	8.743E-08	1.975E-03	1.778E-03
County	Fresno	2035	Annual	T7 utility	25 MPH	1.879E-07	1.273E-06	6.234E-07	1.634E-08	3.600E-08	6.174E-08	3.122E-08	1.290E-07	9.000E-09	2.646E-08	2.872E-08	6.418E-08	1.975E-03	1.778E-03
County	Fresno	2035	Annual	T7IS	25 MPH	6.976E-07	4.168E-06	3.796E-05	6.261E-09	8.000E-09	3.675E-08	2.584E-10	4.501E-08	2.000E-09	1.575E-08	2.398E-10	1.799E-08	7.680E-04	6.912E-04
County	Fresno	2035	Annual	UBUS	25 MPH	3.306E-07	4.649E-06	2.732E-06	1.779E-08	8.000E-09	6.095E-07	1.055E-07	7.230E-07	2.000E-09	2.612E-07	9.710E-08	3.603E-07	1.858E-03	1.672E-03

County	Fresno	2035	Annual	All Other Buses	30 MPH	1.191E-07	1.383E-06	3.866E-07	1.124E-08	1.200E-08	1.303E-07	3.419E-08	1.765E-07	3.000E-09	5.586E-08	3.145E-08	9.031E-08	1.200E-03	1.080E-03
County	Fresno	2035	Annual	LDA	30 MPH	1.115E-08	6.184E-08	7.313E-07	3.386E-09	8.000E-09	3.675E-08	2.339E-09	4.709E-08	2.000E-09	1.575E-08	2.170E-09	1.992E-08	3.680E-04	2.189E-04
County	Fresno	2035	Annual	LDT1	30 MPH	1.343E-08	7.063E-08	8.557E-07	3.932E-09	8.000E-09	3.675E-08	2.333E-09	4.708E-08	2.000E-09	1.575E-08	2.165E-09	1.991E-08	4.275E-04	2.603E-04
County	Fresno	2035	Annual	LDT2	30 MPH	1.370E-08	7.580E-08	8.549E-07	4.597E-09	8.000E-09	3.675E-08	2.322E-09	4.707E-08	2.000E-09	1.575E-08	2.154E-09	1.990E-08	5.001E-04	3.398E-04
County	Fresno	2035	Annual	LHD1	30 MPH	3.484E-08	3.895E-07	3.538E-07	7.888E-09	9.517E-09	5.180E-08	8.083E-09	6.941E-08	2.379E-09	2.220E-08	7.438E-09	3.202E-08	5.814E-04	5.232E-04
County	Fresno	2035	Annual	LHD2	30 MPH	4.665E-08	5.087E-07	4.270E-07	6.763E-09	1.047E-08	6.912E-08	1.220E-08	9.179E-08	2.617E-09	2.962E-08	1.123E-08	4.346E-08	5.575E-04	5.017E-04
County	Fresno	2035	Annual	MCY	30 MPH	2.009E-06	1.114E-06	1.531E-05	2.265E-09	8.000E-09	3.675E-08	1.923E-10	4.494E-08	2.000E-09	1.575E-08	1.672E-10	1.792E-08	1.485E-04	1.337E-04
County	Fresno	2035	Annual	MDV	30 MPH	1.896E-08	1.020E-07	1.127E-06	5.889E-09	8.000E-09	3.675E-08	2.279E-09	4.703E-08	2.000E-09	1.575E-08	2.114E-09	1.986E-08	6.405E-04	4.455E-04
County	Fresno	2035	Annual	MH	30 MPH	3.186E-08	8.512E-07	2.305E-07	7.697E-09	8.711E-09	5.339E-08	7.477E-09	6.958E-08	2.178E-09	2.288E-08	6.880E-09	3.194E-08	7.300E-04	6.570E-04
County	Fresno	2035	Annual	Motor Coach	30 MPH	2.284E-07	2.064E-06	8.355E-07	1.634E-08	1.200E-08	1.303E-07	4.967E-08	1.920E-07	3.000E-09	5.586E-08	4.570E-08	1.046E-07	1.854E-03	1.669E-03
County	Fresno	2035	Annual	OBUS	30 MPH	1.675E-08	1.629E-07	2.948E-07	6.845E-09	8.000E-09	3.675E-08	2.068E-10	4.496E-08	2.000E-09	1.575E-08	1.919E-10	1.794E-08	6.194E-04	5.575E-04
County	Fresno	2035	Annual	PTO	30 MPH	2.648E-07	2.073E-06	8.146E-07	2.020E-08	0.000E+00	0.000E+00	4.422E-08	4.422E-08	0.000E+00	0.000E+00	4.068E-08	4.068E-08	2.117E-03	1.905E-03
County	Fresno	2035	Annual	SBUS	30 MPH	1.657E-07	2.967E-06	7.940E-07	1.063E-08	1.065E-08	5.063E-07	3.052E-08	5.475E-07	2.663E-09	2.170E-07	2.808E-08	2.477E-07	1.022E-03	9.199E-04
County	Fresno	2035	Annual	T6 Ag	30 MPH	1.161E-07	1.317E-06	3.770E-07	1.124E-08	1.200E-08	1.303E-07	3.303E-08	1.754E-07	3.000E-09	5.586E-08	3.039E-08	8.925E-08	1.200E-03	1.080E-03
County	Fresno	2035	Annual	T6 CAIRP heavy	30 MPH	1.014E-07	1.080E-06	3.292E-07	1.124E-08	1.200E-08	1.303E-07	2.777E-08	1.701E-07	3.000E-09	5.586E-08	2.555E-08	8.440E-08	1.200E-03	1.080E-03
County	Fresno	2035	Annual	T6 CAIRP small	30 MPH	9.636E-08	9.934E-07	3.129E-07	1.124E-08	1.200E-08	1.303E-07	2.593E-08	1.683E-07	3.000E-09	5.586E-08	2.386E-08	8.272E-08	1.200E-03	1.080E-03
County	Fresno	2035	Annual	T6 instate construction heavy	30 MPH	1.143E-07	1.302E-06	3.711E-07	1.124E-08	1.200E-08	1.303E-07	3.246E-08	1.748E-07	3.000E-09	5.586E-08	2.986E-08	8.872E-08	1.200E-03	1.080E-03
County	Fresno	2035	Annual	T6 instate construction small	30 MPH	1.041E-07	1.127E-06	3.380E-07	1.124E-08	1.200E-08	1.303E-07	2.876E-08	1.711E-07	3.000E-09	5.586E-08	2.646E-08	8.532E-08	1.200E-03	1.080E-03
County	Fresno	2035	Annual	T6 instate heavy	30 MPH	1.145E-07	1.305E-06	3.717E-07	1.124E-08	1.200E-08	1.303E-07	3.253E-08	1.749E-07	3.000E-09	5.586E-08	2.993E-08	8.879E-08	1.200E-03	1.080E-03
County	Fresno	2035	Annual	T6 instate small	30 MPH	1.042E-07	1.128E-06	3.383E-07	1.124E-08	1.200E-08	1.303E-07	2.878E-08	1.711E-07	3.000E-09	5.586E-08	2.648E-08	8.534E-08	1.200E-03	1.080E-03
County	Fresno	2035	Annual	T6 OOS heavy	30 MPH	1.014E-07	1.080E-06	3.292E-07	1.124E-08	1.200E-08	1.303E-07	2.777E-08	1.701E-07	3.000E-09	5.586E-08	2.555E-08	8.440E-08	1.200E-03	1.080E-03
County	Fresno	2035	Annual	T6 OOS small	30 MPH	9.636E-08	9.934E-07	3.129E-07	1.124E-08	1.200E-08	1.303E-07	2.593E-08	1.683E-07	3.000E-09	5.586E-08	2.386E-08	8.272E-08	1.200E-03	1.080E-03
County	Fresno	2035	Annual	T6 Public	30 MPH	8.579E-08	1.293E-06	2.803E-07	1.127E-08	1.200E-08	1.303E-07	2.315E-08	1.655E-07	3.000E-09	5.586E-08	2.129E-08	8.015E-08	1.203E-03	1.082E-03
County	Fresno	2035	Annual	T6 utility	30 MPH	8.117E-08	7.302E-07	2.636E-07	1.124E-08	1.200E-08	1.303E-07	2.038E-08	1.627E-07	3.000E-09	5.586E-08	1.875E-08	7.761E-08	1.200E-03	1.080E-03
County	Fresno	2035	Annual	T6TS	30 MPH	1.431E-08	1.480E-07	2.560E-07	6.844E-09	8.000E-09	3.675E-08	2.090E-10	4.496E-08	2.000E-09	1.575E-08	1.940E-10	1.794E-08	6.194E-04	5.575E-04
County	Fresno	2035	Annual	T7 Ag	30 MPH	2.418E-07	2.232E-06	8.842E-07	1.634E-08	3.600E-08	6.174E-08	5.322E-08	1.510E-07	9.000E-09	2.646E-08	4.896E-08	8.442E-08	1.854E-03	1.669E-03
County	Fresno	2035	Annual	T7 CAIRP	30 MPH	2.491E-07	2.360E-06	9.119E-07	1.634E-08	3.600E-08	6.174E-08	5.568E-08	1.534E-07	9.000E-09	2.646E-08	5.122E-08	8.668E-08	1.854E-03	1.669E-03
County	Fresno	2035	Annual	T7 CAIRP construction	30 MPH	2.492E-07	2.360E-06	9.119E-07	1.634E-08	3.600E-08	6.174E-08	5.568E-08	1.534E-07	9.000E-09	2.646E-08	5.123E-08	8.669E-08	1.854E-03	1.669E-03
County	Fresno	2035	Annual	T7 NNOOS	30 MPH	2.163E-07	1.893E-06	7.908E-07	1.634E-08	3.600E-08	6.174E-08	4.618E-08	1.439E-07	9.000E-09	2.646E-08	4.249E-08	7.795E-08	1.854E-03	1.669E-03
County	Fresno	2035	Annual	T7 NOOS	30 MPH	2.491E-07	2.360E-06	9.119E-07	1.634E-08	3.600E-08	6.174E-08	5.568E-08	1.534E-07	9.000E-09	2.646E-08	5.122E-08	8.668E-08	1.854E-03	1.669E-03
County	Fresno	2035	Annual	T7 other port	30 MPH	2.998E-07	3.080E-06	1.099E-06	1.634E-08	3.600E-08	6.174E-08	7.033E-08	1.681E-07	9.000E-09	2.646E-08	6.471E-08	1.002E-07	1.854E-03	1.669E-03
County	Fresno	2035	Annual	T7 POAK	30 MPH	2.998E-07	3.080E-06	1.099E-06	1.634E-08	3.600E-08	6.174E-08	7.033E-08	1.681E-07	9.000E-09	2.646E-08	6.471E-08	1.002E-07	1.854E-03	1.669E-03
County	Fresno	2035	Annual	T7 POLA	30 MPH	2.998E-07	3.080E-06	1.099E-06	1.634E-08	3.600E-08	6.174E-08	7.033E-08	1.681E-07	9.000E-09	2.646E-08	6.471E-08	1.002E-07	1.854E-03	1.669E-03
County	Fresno	2035	Annual	T7 Public	30 MPH	1.625E-07	3.721E-06	6.104E-07	1.645E-08	3.600E-08	6.174E-08	3.790E-08	1.356E-07	9.000E-09	2.646E-08	3.487E-08	7.033E-08	1.866E-03	1.680E-03
County	Fresno	2035	Annual	T7 Single	30 MPH	1.965E-07	1.610E-06	7.178E-07	1.634E-08	3.600E-08	6.174E-08	4.044E-08	1.382E-07	9.000E-09	2.646E-08	3.720E-08	7.266E-08	1.854E-03	1.669E-03
County	Fresno	2035	Annual	T7 single construction	30 MPH	1.966E-07	1.611E-06	7.180E-07	1.634E-08	3.600E-08	6.174E-08	4.045E-08	1.382E-07	9.000E-09	2.646E-08	3.722E-08	7.268E-08	1.854E-03	1.669E-03
County	Fresno	2035	Annual	T7 SWCV	30 MPH	1.857E-07	1.722E-06	6.793E-07	1.636E-08	3.600E-08	6.174E-08	3.744E-08	1.352E-07	9.000E-09	2.646E-08	3.445E-08	6.991E-08	1.856E-03	1.670E-03
County	Fresno	2035	Annual	T7 tractor	30 MPH	2.503E-07	2.372E-06	9.159E-07	1.634E-08	3.600E-08	6.174E-08	5.595E-08	1.537E-07	9.000E-09	2.646E-08	5.147E-08	8.693E-08	1.854E-03	1.669E-03
County	Fresno	2035	Annual	T7 tractor construction	30 MPH	2.508E-07	2.380E-06	9.179E-07	1.634E-08	3.600E-08	6.174E-08	5.610E-08	1.538E-07	9.000E-09	2.646E-08	5.161E-08	8.707E-08	1.854E-03	1.669E-03
County	Fresno	2035	Annual	T7 utility	30 MPH	1.639E-07	1.148E-06	5.976E-07	1.634E-08	3.600E-08	6.174E-08	3.100E-08	1.287E-07	9.000E-09	2.646E-08	2.852E-08	6.398E-08	1.854E-03	1.669E-03
County	Fresno	2035	Annual	T7IS	30 MPH	5.311E-07	4.338E-06	3.065E-05	6.261E-09	8.000E-09	3.675E-08	1.958E-10	4.495E-08	2.000E-09	1.575E-08	1.817E-10	1.793E-08	6.194E-04	5.575E-04
County	Fresno	2035	Annual	UBUS	30 MPH	2.635E-07	4.314E-06	2.172E-06	1.779E-08	8.000E-09	6.095E-07	8.653E-08	7.040E-07	2.000E-09	2.612E-07	7.961E-08	3.428E-07	1.815E-03	1.633E-03

County	Fresno	2035	Annual	All Other Buses	35 MPH	1.039E-07	1.258E-06	3.770E-07	1.124E-08	1.200E-08	1.303E-07	3.535E-08	1.777E-07	3.000E-09	5.586E-08	3.252E-08	9.138E-08	1.135E-03	1.021E-03
County	Fresno	2035	Annual	LDA	35 MPH	9.144E-09	5.820E-08	6.723E-07	3.386E-09	8.000E-09	3.675E-08	1.924E-09	4.667E-08	2.000E-09	1.575E-08	1.785E-09	1.954E-08	3.283E-04	1.953E-04
County	Fresno	2035	Annual	LDT1	35 MPH	1.103E-08	6.645E-08	7.864E-07	3.932E-09	8.000E-09	3.675E-08	1.919E-09	4.667E-08	2.000E-09	1.575E-08	1.781E-09	1.953E-08	3.814E-04	2.322E-04
County	Fresno	2035	Annual	LDT2	35 MPH	1.124E-08	7.131E-08	7.859E-07	4.597E-09	8.000E-09	3.675E-08	1.910E-09	4.666E-08	2.000E-09	1.575E-08	1.772E-09	1.952E-08	4.461E-04	3.031E-04
County	Fresno	2035	Annual	LHD1	35 MPH	2.968E-08	3.868E-07	2.992E-07	7.888E-09	9.517E-09	5.180E-08	6.993E-09	6.832E-08	2.379E-09	2.220E-08	6.435E-09	3.102E-08	5.245E-04	4.721E-04
County	Fresno	2035	Annual	LHD2	35 MPH	4.020E-08	5.000E-07	3.612E-07	6.763E-09	1.047E-08	6.912E-08	1.057E-08	9.015E-08	2.617E-09	2.962E-08	9.724E-09	4.196E-08	5.225E-04	4.702E-04
County	Fresno	2035	Annual	MCY	35 MPH	1.908E-06	1.122E-06	1.528E-05	2.265E-09	8.000E-09	3.675E-08	1.817E-10	4.493E-08	2.000E-09	1.575E-08	1.577E-10	1.791E-08	1.417E-04	1.275E-04
County	Fresno	2035	Annual	MDV	35 MPH	1.557E-08	9.590E-08	1.036E-06	5.889E-09	8.000E-09	3.675E-08	1.874E-09	4.662E-08	2.000E-09	1.575E-08	1.739E-09	1.949E-08	5.714E-04	3.975E-04
County	Fresno	2035	Annual	MH	35 MPH	2.677E-08	7.985E-07	2.040E-07	7.697E-09	8.711E-09	5.339E-08	7.261E-09	6.937E-08	2.178E-09	2.288E-08	6.681E-09	3.174E-08	6.427E-04	5.784E-04
County	Fresno	2035	Annual	Motor Coach	35 MPH	1.993E-07	1.878E-06	8.149E-07	1.634E-08	1.200E-08	1.303E-07	5.136E-08	1.937E-07	3.000E-09	5.586E-08	4.725E-08	1.061E-07	1.754E-03	1.578E-03
County	Fresno	2035	Annual	OBUS	35 MPH	1.320E-08	1.701E-07	2.510E-07	6.845E-09	8.000E-09	3.675E-08	1.633E-10	4.491E-08	2.000E-09	1.575E-08	1.516E-10	1.790E-08	5.278E-04	4.751E-04
County	Fresno	2035	Annual	PTO	35 MPH	2.648E-07	2.073E-06	8.146E-07	2.020E-08	0.000E+00	0.000E+00	4.422E-08	4.422E-08	0.000E+00	0.000E+00	4.068E-08	4.068E-08	2.117E-03	1.905E-03
County	Fresno	2035	Annual	SBUS	35 MPH	1.429E-07	2.718E-06	7.346E-07	1.063E-08	1.065E-08	5.063E-07	3.153E-08	5.485E-07	2.663E-09	2.170E-07	2.901E-08	2.487E-07	9.471E-04	8.524E-04
County	Fresno	2035	Annual	T6 Ag	35 MPH	1.013E-07	1.198E-06	3.677E-07	1.124E-08	1.200E-08	1.303E-07	3.415E-08	1.765E-07	3.000E-09	5.586E-08	3.142E-08	9.028E-08	1.135E-03	1.021E-03
County	Fresno	2035	Annual	T6 CAIRP heavy	35 MPH	8.844E-08	9.830E-07	3.211E-07	1.124E-08	1.200E-08	1.303E-07	2.871E-08	1.711E-07	3.000E-09	5.586E-08	2.642E-08	8.527E-08	1.135E-03	1.021E-03
County	Fresno	2035	Annual	T6 CAIRP small	35 MPH	8.405E-08	9.039E-07	3.052E-07	1.124E-08	1.200E-08	1.303E-07	2.681E-08	1.692E-07	3.000E-09	5.586E-08	2.467E-08	8.353E-08	1.135E-03	1.021E-03
County	Fresno	2035	Annual	T6 instate construction heavy	35 MPH	9.968E-08	1.184E-06	3.619E-07	1.124E-08	1.200E-08	1.303E-07	3.357E-08	1.759E-07	3.000E-09	5.586E-08	3.088E-08	8.974E-08	1.135E-03	1.021E-03
County	Fresno	2035	Annual	T6 instate construction small	35 MPH	9.081E-08	1.026E-06	3.297E-07	1.124E-08	1.200E-08	1.303E-07	2.974E-08	1.721E-07	3.000E-09	5.586E-08	2.736E-08	8.622E-08	1.135E-03	1.021E-03
County	Fresno	2035	Annual	T6 instate heavy	35 MPH	9.985E-08	1.187E-06	3.625E-07	1.124E-08	1.200E-08	1.303E-07	3.364E-08	1.760E-07	3.000E-09	5.586E-08	3.095E-08	8.981E-08	1.135E-03	1.021E-03
County	Fresno	2035	Annual	T6 instate small	35 MPH	9.087E-08	1.027E-06	3.299E-07	1.124E-08	1.200E-08	1.303E-07	2.976E-08	1.721E-07	3.000E-09	5.586E-08	2.738E-08	8.624E-08	1.135E-03	1.021E-03
County	Fresno	2035	Annual	T6 OOS heavy	35 MPH	8.844E-08	9.830E-07	3.211E-07	1.124E-08	1.200E-08	1.303E-07	2.871E-08	1.711E-07	3.000E-09	5.586E-08	2.642E-08	8.527E-08	1.135E-03	1.021E-03
County	Fresno	2035	Annual	T6 OOS small	35 MPH	8.405E-08	9.039E-07	3.052E-07	1.124E-08	1.200E-08	1.303E-07	2.681E-08	1.692E-07	3.000E-09	5.586E-08	2.467E-08	8.353E-08	1.135E-03	1.021E-03
County	Fresno	2035	Annual	T6 Public	35 MPH	7.472E-08	1.197E-06	2.725E-07	1.127E-08	1.200E-08	1.303E-07	2.372E-08	1.661E-07	3.000E-09	5.586E-08	2.182E-08	8.068E-08	1.137E-03	1.024E-03
County	Fresno	2035	Annual	T6 utility	35 MPH	7.080E-08	6.644E-07	2.570E-07	1.124E-08	1.200E-08	1.303E-07	2.107E-08	1.634E-07	3.000E-09	5.586E-08	1.939E-08	7.825E-08	1.135E-03	1.021E-03
County	Fresno	2035	Annual	T6TS	35 MPH	1.128E-08	1.545E-07	2.179E-07	6.844E-09	8.000E-09	3.675E-08	1.651E-10	4.491E-08	2.000E-09	1.575E-08	1.532E-10	1.790E-08	5.278E-04	4.751E-04
County	Fresno	2035	Annual	T7 Ag	35 MPH	2.109E-07	2.031E-06	8.624E-07	1.634E-08	3.600E-08	6.174E-08	5.503E-08	1.528E-07	9.000E-09	2.646E-08	5.063E-08	8.609E-08	1.754E-03	1.578E-03
County	Fresno	2035	Annual	T7 CAIRP	35 MPH	2.173E-07	2.147E-06	8.893E-07	1.634E-08	3.600E-08	6.174E-08	5.757E-08	1.553E-07	9.000E-09	2.646E-08	5.297E-08	8.843E-08	1.753E-03	1.578E-03
County	Fresno	2035	Annual	T7 CAIRP construction	35 MPH	2.173E-07	2.147E-06	8.893E-07	1.634E-08	3.600E-08	6.174E-08	5.758E-08	1.553E-07	9.000E-09	2.646E-08	5.297E-08	8.843E-08	1.753E-03	1.578E-03
County	Fresno	2035	Annual	T7 NNOOS	35 MPH	1.887E-07	1.722E-06	7.713E-07	1.634E-08	3.600E-08	6.174E-08	4.775E-08	1.455E-07	9.000E-09	2.646E-08	4.393E-08	7.939E-08	1.753E-03	1.578E-03
County	Fresno	2035	Annual	T7 NOOS	35 MPH	2.173E-07	2.147E-06	8.893E-07	1.634E-08	3.600E-08	6.174E-08	5.757E-08	1.553E-07	9.000E-09	2.646E-08	5.297E-08	8.843E-08	1.753E-03	1.578E-03
County	Fresno	2035	Annual	T7 other port	35 MPH	2.615E-07	2.802E-06	1.071E-06	1.634E-08	3.600E-08	6.174E-08	7.273E-08	1.705E-07	9.000E-09	2.646E-08	6.691E-08	1.024E-07	1.753E-03	1.578E-03
County	Fresno	2035	Annual	T7 POAK	35 MPH	2.615E-07	2.802E-06	1.071E-06	1.634E-08	3.600E-08	6.174E-08	7.273E-08	1.705E-07	9.000E-09	2.646E-08	6.691E-08	1.024E-07	1.753E-03	1.578E-03
County	Fresno	2035	Annual	T7 POLA	35 MPH	2.615E-07	2.802E-06	1.071E-06	1.634E-08	3.600E-08	6.174E-08	7.273E-08	1.705E-07	9.000E-09	2.646E-08	6.691E-08	1.024E-07	1.753E-03	1.578E-03
County	Fresno	2035	Annual	T7 Public	35 MPH	1.408E-07	3.554E-06	5.866E-07	1.645E-08	3.600E-08	6.174E-08	3.750E-08	1.352E-07	9.000E-09	2.646E-08	3.450E-08	6.996E-08	1.765E-03	1.589E-03
County	Fresno	2035	Annual	T7 Single	35 MPH	1.714E-07	1.465E-06	7.000E-07	1.634E-08	3.600E-08	6.174E-08	4.181E-08	1.396E-07	9.000E-09	2.646E-08	3.847E-08	7.393E-08	1.754E-03	1.578E-03
County	Fresno	2035	Annual	T7 single construction	35 MPH	1.714E-07	1.466E-06	7.002E-07	1.634E-08	3.600E-08	6.174E-08	4.183E-08	1.396E-07	9.000E-09	2.646E-08	3.848E-08	7.394E-08	1.754E-03	1.578E-03
County	Fresno	2035	Annual	T7 SWCV	35 MPH	1.619E-07	1.577E-06	6.617E-07	1.636E-08	3.600E-08	6.174E-08	3.861E-08	1.364E-07	9.000E-09	2.646E-08	3.552E-08	7.098E-08	1.755E-03	1.580E-03
County	Fresno	2035	Annual	T7 tractor	35 MPH	2.183E-07	2.159E-06	8.933E-07	1.634E-08	3.600E-08	6.174E-08	5.785E-08	1.556E-07	9.000E-09	2.646E-08	5.322E-08	8.868E-08	1.754E-03	1.578E-03
County	Fresno	2035	Annual	T7 tractor construction	35 MPH	2.188E-07	2.165E-06	8.952E-07	1.634E-08	3.600E-08	6.174E-08	5.801E-08	1.557E-07	9.000E-09	2.646E-08	5.337E-08	8.883E-08	1.754E-03	1.578E-03
County	Fresno	2035	Annual	T7 utility	35 MPH	1.429E-07	1.045E-06	5.828E-07	1.634E-08	3.600E-08	6.174E-08	3.206E-08	1.298E-07	9.000E-09	2.646E-08	2.949E-08	6.495E-08	1.754E-03	1.578E-03
County	Fresno	2035	Annual	T7IS	35 MPH	4.190E-07	4.509E-06	2.615E-05	6.261E-09	8.000E-09	3.675E-08	1.547E-10	4.490E-08	2.000E-09	1.575E-08	1.435E-10	1.789E-08	5.278E-04	4.751E-04
County	Fresno	2035	Annual	UBUS	35 MPH	2.183E-07	4.183E-06	1.828E-06	1.779E-08	8.000E-09	6.095E-07	7.347E-08	6.910E-07	2.000E-09	2.612E-07	6.760E-08	3.308E-07	1.788E-03	1.609E-03

County	Fresno	2035	Annual	All Other Buses	40 MPH	9.090E-08	1.160E-06	3.746E-07	1.124E-08	1.200E-08	1.303E-07	3.792E-08	1.803E-07	3.000E-09	5.586E-08	3.488E-08	9.374E-08	1.083E-03	9.746E-04
County	Fresno	2035	Annual	LDA	40 MPH	7.885E-09	5.579E-08	6.167E-07	3.386E-09	8.000E-09	3.675E-08	1.670E-09	4.642E-08	2.000E-09	1.575E-08	1.550E-09	1.930E-08	3.034E-04	1.805E-04
County	Fresno	2035	Annual	LDT1	40 MPH	9.515E-09	6.372E-08	7.215E-07	3.932E-09	8.000E-09	3.675E-08	1.665E-09	4.642E-08	2.000E-09	1.575E-08	1.545E-09	1.930E-08	3.524E-04	2.146E-04
County	Fresno	2035	Annual	LDT2	40 MPH	9.695E-09	6.836E-08	7.211E-07	4.597E-09	8.000E-09	3.675E-08	1.656E-09	4.641E-08	2.000E-09	1.575E-08	1.537E-09	1.929E-08	4.122E-04	2.801E-04
County	Fresno	2035	Annual	LHD1	40 MPH	2.593E-08	3.952E-07	2.656E-07	7.888E-09	9.517E-09	5.180E-08	6.188E-09	6.751E-08	2.379E-09	2.220E-08	5.694E-09	3.028E-08	4.919E-04	4.427E-04
County	Fresno	2035	Annual	LHD2	40 MPH	3.546E-08	5.075E-07	3.202E-07	6.763E-09	1.047E-08	6.912E-08	9.360E-09	8.895E-08	2.617E-09	2.962E-08	8.612E-09	4.085E-08	5.023E-04	4.521E-04
County	Fresno	2035	Annual	MCY	40 MPH	1.906E-06	1.143E-06	1.589E-05	2.265E-09	8.000E-09	3.675E-08	1.805E-10	4.493E-08	2.000E-09	1.575E-08	1.565E-10	1.791E-08	1.394E-04	1.255E-04
County	Fresno	2035	Annual	MDV	40 MPH	1.341E-08	9.199E-08	9.503E-07	5.889E-09	8.000E-09	3.675E-08	1.626E-09	4.638E-08	2.000E-09	1.575E-08	1.509E-09	1.926E-08	5.280E-04	3.673E-04
County	Fresno	2035	Annual	MH	40 MPH	2.291E-08	7.585E-07	1.889E-07	7.697E-09	8.711E-09	5.339E-08	7.421E-09	6.952E-08	2.178E-09	2.288E-08	6.828E-09	3.189E-08	5.899E-04	5.309E-04
County	Fresno	2035	Annual	Motor Coach	40 MPH	1.744E-07	1.731E-06	8.097E-07	1.634E-08	1.200E-08	1.303E-07	5.509E-08	1.974E-07	3.000E-09	5.586E-08	5.068E-08	1.095E-07	1.674E-03	1.506E-03
County	Fresno	2035	Annual	OBUS	40 MPH	1.083E-08	1.773E-07	2.257E-07	6.845E-09	8.000E-09	3.675E-08	1.345E-10	4.488E-08	2.000E-09	1.575E-08	1.248E-10	1.787E-08	4.752E-04	4.277E-04
County	Fresno	2035	Annual	PTO	40 MPH	2.648E-07	2.073E-06	8.146E-07	2.020E-08	0.000E+00	0.000E+00	4.422E-08	4.422E-08	0.000E+00	0.000E+00	4.068E-08	4.068E-08	2.117E-03	1.905E-03
County	Fresno	2035	Annual	SBUS	40 MPH	1.243E-07	2.523E-06	7.044E-07	1.063E-08	1.065E-08	5.063E-07	3.380E-08	5.507E-07	2.663E-09	2.170E-07	3.110E-08	2.507E-07	8.943E-04	8.049E-04
County	Fresno	2035	Annual	T6 Ag	40 MPH	8.865E-08	1.105E-06	3.654E-07	1.124E-08	1.200E-08	1.303E-07	3.663E-08	1.790E-07	3.000E-09	5.586E-08	3.370E-08	9.256E-08	1.083E-03	9.747E-04
County	Fresno	2035	Annual	T6 CAIRP heavy	40 MPH	7.742E-08	9.060E-07	3.191E-07	1.124E-08	1.200E-08	1.303E-07	3.080E-08	1.731E-07	3.000E-09	5.586E-08	2.833E-08	8.719E-08	1.083E-03	9.745E-04
County	Fresno	2035	Annual	T6 CAIRP small	40 MPH	7.357E-08	8.331E-07	3.032E-07	1.124E-08	1.200E-08	1.303E-07	2.876E-08	1.711E-07	3.000E-09	5.586E-08	2.646E-08	8.532E-08	1.083E-03	9.745E-04
County	Fresno	2035	Annual	T6 instate construction heavy	40 MPH	8.725E-08	1.092E-06	3.596E-07	1.124E-08	1.200E-08	1.303E-07	3.600E-08	1.783E-07	3.000E-09	5.586E-08	3.312E-08	9.198E-08	1.083E-03	9.745E-04
County	Fresno	2035	Annual	T6 instate construction small	40 MPH	7.949E-08	9.453E-07	3.276E-07	1.124E-08	1.200E-08	1.303E-07	3.189E-08	1.742E-07	3.000E-09	5.586E-08	2.934E-08	8.820E-08	1.083E-03	9.745E-04
County	Fresno	2035	Annual	T6 instate heavy	40 MPH	8.740E-08	1.094E-06	3.602E-07	1.124E-08	1.200E-08	1.303E-07	3.608E-08	1.784E-07	3.000E-09	5.586E-08	3.319E-08	9.205E-08	1.083E-03	9.745E-04
County	Fresno	2035	Annual	T6 instate small	40 MPH	7.954E-08	9.463E-07	3.278E-07	1.124E-08	1.200E-08	1.303E-07	3.192E-08	1.743E-07	3.000E-09	5.586E-08	2.937E-08	8.823E-08	1.083E-03	9.745E-04
County	Fresno	2035	Annual	T6 OOS heavy	40 MPH	7.742E-08	9.060E-07	3.191E-07	1.124E-08	1.200E-08	1.303E-07	3.080E-08	1.731E-07	3.000E-09	5.586E-08	2.833E-08	8.719E-08	1.083E-03	9.745E-04
County	Fresno	2035	Annual	T6 OOS small	40 MPH	7.357E-08	8.331E-07	3.032E-07	1.124E-08	1.200E-08	1.303E-07	2.876E-08	1.711E-07	3.000E-09	5.586E-08	2.646E-08	8.532E-08	1.083E-03	9.745E-04
County	Fresno	2035	Annual	T6 Public	40 MPH	6.535E-08	1.121E-06	2.700E-07	1.127E-08	1.200E-08	1.303E-07	2.527E-08	1.676E-07	3.000E-09	5.586E-08	2.324E-08	8.210E-08	1.085E-03	9.769E-04
County	Fresno	2035	Annual	T6 utility	40 MPH	6.197E-08	6.124E-07	2.554E-07	1.124E-08	1.200E-08	1.303E-07	2.260E-08	1.649E-07	3.000E-09	5.586E-08	2.079E-08	7.965E-08	1.083E-03	9.745E-04
County	Fresno	2035	Annual	T6TS	40 MPH	9.265E-09	1.611E-07	1.960E-07	6.844E-09	8.000E-09	3.675E-08	1.359E-10	4.489E-08	2.000E-09	1.575E-08	1.261E-10	1.788E-08	4.752E-04	4.277E-04
County	Fresno	2035	Annual	T7 Ag	40 MPH	1.846E-07	1.872E-06	8.569E-07	1.634E-08	3.600E-08	6.174E-08	5.902E-08	1.568E-07	9.000E-09	2.646E-08	5.430E-08	8.976E-08	1.674E-03	1.506E-03
County	Fresno	2035	Annual	T7 CAIRP	40 MPH	1.902E-07	1.979E-06	8.837E-07	1.634E-08	3.600E-08	6.174E-08	6.175E-08	1.595E-07	9.000E-09	2.646E-08	5.681E-08	9.227E-08	1.674E-03	1.506E-03
County	Fresno	2035	Annual	T7 CAIRP construction	40 MPH	1.902E-07	1.979E-06	8.837E-07	1.634E-08	3.600E-08	6.174E-08	6.176E-08	1.595E-07	9.000E-09	2.646E-08	5.682E-08	9.228E-08	1.674E-03	1.506E-03
County	Fresno	2035	Annual	T7 NNOOS	40 MPH	1.651E-07	1.587E-06	7.664E-07	1.634E-08	3.600E-08	6.174E-08	5.122E-08	1.490E-07	9.000E-09	2.646E-08	4.712E-08	8.258E-08	1.674E-03	1.506E-03
County	Fresno	2035	Annual	T7 NOOS	40 MPH	1.902E-07	1.979E-06	8.837E-07	1.634E-08	3.600E-08	6.174E-08	6.175E-08	1.595E-07	9.000E-09	2.646E-08	5.681E-08	9.227E-08	1.674E-03	1.506E-03
County	Fresno	2035	Annual	T7 other port	40 MPH	2.289E-07	2.583E-06	1.065E-06	1.634E-08	3.600E-08	6.174E-08	7.801E-08	1.757E-07	9.000E-09	2.646E-08	7.177E-08	1.072E-07	1.674E-03	1.506E-03
County	Fresno	2035	Annual	T7 POAK	40 MPH	2.289E-07	2.583E-06	1.065E-06	1.634E-08	3.600E-08	6.174E-08	7.801E-08	1.757E-07	9.000E-09	2.646E-08	7.177E-08	1.072E-07	1.674E-03	1.506E-03
County	Fresno	2035	Annual	T7 POLA	40 MPH	2.289E-07	2.583E-06	1.065E-06	1.634E-08	3.600E-08	6.174E-08	7.801E-08	1.757E-07	9.000E-09	2.646E-08	7.177E-08	1.072E-07	1.674E-03	1.506E-03
County	Fresno	2035	Annual	T7 Public	40 MPH	1.227E-07	3.430E-06	5.751E-07	1.645E-08	3.600E-08	6.174E-08	3.891E-08	1.366E-07	9.000E-09	2.646E-08	3.579E-08	7.125E-08	1.685E-03	1.516E-03
County	Fresno	2035	Annual	T7 Single	40 MPH	1.500E-07	1.350E-06	6.956E-07	1.634E-08	3.600E-08	6.174E-08	4.485E-08	1.426E-07	9.000E-09	2.646E-08	4.126E-08	7.672E-08	1.674E-03	1.506E-03
County	Fresno	2035	Annual	T7 single construction	40 MPH	1.501E-07	1.351E-06	6.958E-07	1.634E-08	3.600E-08	6.174E-08	4.486E-08	1.426E-07	9.000E-09	2.646E-08	4.128E-08	7.674E-08	1.674E-03	1.506E-03
County	Fresno	2035	Annual	T7 SWCV	40 MPH	1.417E-07	1.463E-06	6.569E-07	1.636E-08	3.600E-08	6.174E-08	4.133E-08	1.391E-07	9.000E-09	2.646E-08	3.803E-08	7.349E-08	1.675E-03	1.508E-03
County	Fresno	2035	Annual	T7 tractor	40 MPH	1.911E-07	1.990E-06	8.876E-07	1.634E-08	3.600E-08	6.174E-08	6.205E-08	1.598E-07	9.000E-09	2.646E-08	5.709E-08	9.255E-08	1.674E-03	1.506E-03
County	Fresno	2035	Annual	T7 tractor construction	40 MPH	1.915E-07	1.996E-06	8.895E-07	1.634E-08	3.600E-08	6.174E-08	6.222E-08	1.600E-07	9.000E-09	2.646E-08	5.724E-08	9.270E-08	1.674E-03	1.506E-03
County	Fresno	2035	Annual	T7 utility	40 MPH	1.251E-07	9.629E-07	5.791E-07	1.634E-08	3.600E-08	6.174E-08	3.438E-08	1.321E-07	9.000E-09	2.646E-08	3.163E-08	6.709E-08	1.674E-03	1.506E-03
County	Fresno	2035	Annual	T7IS	40 MPH	3.438E-07	4.691E-06	2.353E-05	6.261E-09	8.000E-09	3.675E-08	1.273E-10	4.488E-08	2.000E-09	1.575E-08	1.181E-10	1.787E-08	4.752E-04	4.277E-04
County	Fresno	2035	Annual	UBUS	40 MPH	1.879E-07	4.234E-06	1.629E-06	1.779E-08	8.000E-09	6.095E-07	6.461E-08	6.821E-07	2.000E-09	2.612E-07	5.944E-08	3.226E-07	1.773E-03	1.596E-03

County	Fresno	2035	Annual	All Other Buses	45 MPH	8.021E-08	1.087E-06	3.795E-07	1.124E-08	1.200E-08	1.303E-07	4.188E-08	1.842E-07	3.000E-09	5.586E-08	3.853E-08	9.739E-08	1.044E-03	9.400E-04
County	Fresno	2035	Annual	LDA	45 MPH	7.227E-09	5.414E-08	5.734E-07	3.386E-09	8.000E-09	3.675E-08	1.529E-09	4.628E-08	2.000E-09	1.575E-08	1.419E-09	1.917E-08	2.923E-04	1.739E-04
County	Fresno	2035	Annual	LDT1	45 MPH	8.712E-09	6.188E-08	6.709E-07	3.932E-09	8.000E-09	3.675E-08	1.524E-09	4.627E-08	2.000E-09	1.575E-08	1.414E-09	1.916E-08	3.395E-04	2.067E-04
County	Fresno	2035	Annual	LDT2	45 MPH	8.881E-09	6.634E-08	6.704E-07	4.597E-09	8.000E-09	3.675E-08	1.516E-09	4.627E-08	2.000E-09	1.575E-08	1.406E-09	1.916E-08	3.971E-04	2.698E-04
County	Fresno	2035	Annual	LHD1	45 MPH	2.334E-08	4.105E-07	2.488E-07	7.888E-09	9.517E-09	5.180E-08	5.599E-09	6.692E-08	2.379E-09	2.220E-08	5.152E-09	2.973E-08	4.775E-04	4.297E-04
County	Fresno	2035	Annual	LHD2	45 MPH	3.205E-08	5.285E-07	2.980E-07	6.763E-09	1.047E-08	6.912E-08	8.475E-09	8.806E-08	2.617E-09	2.962E-08	7.798E-09	4.004E-08	4.934E-04	4.441E-04
County	Fresno	2035	Annual	MCY	45 MPH	1.997E-06	1.167E-06	1.724E-05	2.265E-09	8.000E-09	3.675E-08	1.887E-10	4.494E-08	2.000E-09	1.575E-08	1.634E-10	1.791E-08	1.417E-04	1.276E-04
County	Fresno	2035	Annual	MDV	45 MPH	1.228E-08	8.941E-08	8.836E-07	5.889E-09	8.000E-09	3.675E-08	1.488E-09	4.624E-08	2.000E-09	1.575E-08	1.381E-09	1.913E-08	5.086E-04	3.538E-04
County	Fresno	2035	Annual	MH	45 MPH	2.007E-08	7.291E-07	1.830E-07	7.697E-09	8.711E-09	5.339E-08	7.951E-09	7.006E-08	2.178E-09	2.288E-08	7.316E-09	3.238E-08	5.638E-04	5.074E-04
County	Fresno	2035	Annual	Motor Coach	45 MPH	1.539E-07	1.623E-06	8.201E-07	1.634E-08	1.200E-08	1.303E-07	6.085E-08	2.032E-07	3.000E-09	5.586E-08	5.598E-08	1.148E-07	1.614E-03	1.453E-03
County	Fresno	2035	Annual	OBUS	45 MPH	9.333E-09	1.833E-07	2.151E-07	6.845E-09	8.000E-09	3.675E-08	1.154E-10	4.487E-08	2.000E-09	1.575E-08	1.071E-10	1.786E-08	4.521E-04	4.069E-04
County	Fresno	2035	Annual	PTO	45 MPH	2.648E-07	2.073E-06	8.146E-07	2.020E-08	0.000E+00	0.000E+00	4.422E-08	4.422E-08	0.000E+00	0.000E+00	4.068E-08	4.068E-08	2.117E-03	1.905E-03
County	Fresno	2035	Annual	SBUS	45 MPH	1.093E-07	2.381E-06	6.983E-07	1.063E-08	1.065E-08	5.063E-07	3.731E-08	5.543E-07	2.663E-09	2.170E-07	3.433E-08	2.540E-07	8.605E-04	7.744E-04
County	Fresno	2035	Annual	T6 Ag	45 MPH	7.822E-08	1.036E-06	3.700E-07	1.124E-08	1.200E-08	1.303E-07	4.046E-08	1.828E-07	3.000E-09	5.586E-08	3.723E-08	9.609E-08	1.045E-03	9.402E-04
County	Fresno	2035	Annual	T6 CAIRP heavy	45 MPH	6.831E-08	8.495E-07	3.232E-07	1.124E-08	1.200E-08	1.303E-07	3.402E-08	1.764E-07	3.000E-09	5.586E-08	3.130E-08	9.016E-08	1.044E-03	9.400E-04
County	Fresno	2035	Annual	T6 CAIRP small	45 MPH	6.492E-08	7.811E-07	3.071E-07	1.124E-08	1.200E-08	1.303E-07	3.177E-08	1.741E-07	3.000E-09	5.586E-08	2.923E-08	8.809E-08	1.044E-03	9.400E-04
County	Fresno	2035	Annual	T6 instate construction heavy	45 MPH	7.699E-08	1.024E-06	3.642E-07	1.124E-08	1.200E-08	1.303E-07	3.977E-08	1.821E-07	3.000E-09	5.586E-08	3.659E-08	9.545E-08	1.044E-03	9.400E-04
County	Fresno	2035	Annual	T6 instate construction small	45 MPH	7.014E-08	8.864E-07	3.318E-07	1.124E-08	1.200E-08	1.303E-07	3.523E-08	1.776E-07	3.000E-09	5.586E-08	3.241E-08	9.127E-08	1.044E-03	9.400E-04
County	Fresno	2035	Annual	T6 instate heavy	45 MPH	7.712E-08	1.026E-06	3.648E-07	1.124E-08	1.200E-08	1.303E-07	3.985E-08	1.822E-07	3.000E-09	5.586E-08	3.667E-08	9.552E-08	1.044E-03	9.400E-04
County	Fresno	2035	Annual	T6 instate small	45 MPH	7.018E-08	8.872E-07	3.320E-07	1.124E-08	1.200E-08	1.303E-07	3.526E-08	1.776E-07	3.000E-09	5.586E-08	3.244E-08	9.130E-08	1.044E-03	9.400E-04
County	Fresno	2035	Annual	T6 OOS heavy	45 MPH	6.831E-08	8.495E-07	3.232E-07	1.124E-08	1.200E-08	1.303E-07	3.402E-08	1.764E-07	3.000E-09	5.586E-08	3.130E-08	9.016E-08	1.044E-03	9.400E-04
County	Fresno	2035	Annual	T6 OOS small	45 MPH	6.492E-08	7.811E-07	3.071E-07	1.124E-08	1.200E-08	1.303E-07	3.177E-08	1.741E-07	3.000E-09	5.586E-08	2.923E-08	8.809E-08	1.044E-03	9.400E-04
County	Fresno	2035	Annual	T6 Public	45 MPH	5.767E-08	1.067E-06	2.728E-07	1.127E-08	1.200E-08	1.303E-07	2.780E-08	1.701E-07	3.000E-09	5.586E-08	2.557E-08	8.443E-08	1.047E-03	9.423E-04
County	Fresno	2035	Annual	T6 utility	45 MPH	5.469E-08	5.742E-07	2.587E-07	1.124E-08	1.200E-08	1.303E-07	2.497E-08	1.673E-07	3.000E-09	5.586E-08	2.297E-08	8.183E-08	1.044E-03	9.400E-04
County	Fresno	2035	Annual	T6TS	45 MPH	7.978E-09	1.666E-07	1.867E-07	6.844E-09	8.000E-09	3.675E-08	1.166E-10	4.487E-08	2.000E-09	1.575E-08	1.082E-10	1.786E-08	4.521E-04	4.069E-04
County	Fresno	2035	Annual	T7 Ag	45 MPH	1.629E-07	1.755E-06	8.679E-07	1.634E-08	3.600E-08	6.174E-08	6.520E-08	1.629E-07	9.000E-09	2.646E-08	5.998E-08	9.544E-08	1.614E-03	1.453E-03
County	Fresno	2035	Annual	T7 CAIRP	45 MPH	1.678E-07	1.855E-06	8.950E-07	1.634E-08	3.600E-08	6.174E-08	6.821E-08	1.660E-07	9.000E-09	2.646E-08	6.275E-08	9.821E-08	1.614E-03	1.453E-03
County	Fresno	2035	Annual	T7 CAIRP construction	45 MPH	1.679E-07	1.855E-06	8.951E-07	1.634E-08	3.600E-08	6.174E-08	6.822E-08	1.660E-07	9.000E-09	2.646E-08	6.276E-08	9.822E-08	1.614E-03	1.453E-03
County	Fresno	2035	Annual	T7 NNOOS	45 MPH	1.457E-07	1.488E-06	7.762E-07	1.634E-08	3.600E-08	6.174E-08	5.658E-08	1.543E-07	9.000E-09	2.646E-08	5.205E-08	8.751E-08	1.614E-03	1.453E-03
County	Fresno	2035	Annual	T7 NOOS	45 MPH	1.678E-07	1.855E-06	8.950E-07	1.634E-08	3.600E-08	6.174E-08	6.821E-08	1.660E-07	9.000E-09	2.646E-08	6.275E-08	9.821E-08	1.614E-03	1.453E-03
County	Fresno	2035	Annual	T7 other port	45 MPH	2.020E-07	2.422E-06	1.078E-06	1.634E-08	3.600E-08	6.174E-08	8.617E-08	1.839E-07	9.000E-09	2.646E-08	7.927E-08	1.147E-07	1.614E-03	1.453E-03
County	Fresno	2035	Annual	T7 POAK	45 MPH	2.020E-07	2.422E-06	1.078E-06	1.634E-08	3.600E-08	6.174E-08	8.617E-08	1.839E-07	9.000E-09	2.646E-08	7.927E-08	1.147E-07	1.614E-03	1.453E-03
County	Fresno	2035	Annual	T7 POLA	45 MPH	2.020E-07	2.422E-06	1.078E-06	1.634E-08	3.600E-08	6.174E-08	8.617E-08	1.839E-07	9.000E-09	2.646E-08	7.927E-08	1.147E-07	1.614E-03	1.453E-03
County	Fresno	2035	Annual	T7 Public	45 MPH	1.083E-07	3.349E-06	5.759E-07	1.645E-08	3.600E-08	6.174E-08	4.211E-08	1.399E-07	9.000E-09	2.646E-08	3.875E-08	7.420E-08	1.625E-03	1.462E-03
County	Fresno	2035	Annual	T7 Single	45 MPH	1.324E-07	1.266E-06	7.045E-07	1.634E-08	3.600E-08	6.174E-08	4.954E-08	1.473E-07	9.000E-09	2.646E-08	4.558E-08	8.104E-08	1.614E-03	1.453E-03
County	Fresno	2035	Annual	T7 single construction	45 MPH	1.324E-07	1.267E-06	7.047E-07	1.634E-08	3.600E-08	6.174E-08	4.956E-08	1.473E-07	9.000E-09	2.646E-08	4.559E-08	8.105E-08	1.614E-03	1.453E-03
County	Fresno	2035	Annual	T7 SWCV	45 MPH	1.250E-07	1.380E-06	6.648E-07	1.636E-08	3.600E-08	6.174E-08	4.560E-08	1.433E-07	9.000E-09	2.646E-08	4.196E-08	7.742E-08	1.616E-03	1.454E-03
County	Fresno	2035	Annual	T7 tractor	45 MPH	1.686E-07	1.865E-06	8.990E-07	1.634E-08	3.600E-08	6.174E-08	6.854E-08	1.663E-07	9.000E-09	2.646E-08	6.306E-08	9.852E-08	1.614E-03	1.453E-03
County	Fresno	2035	Annual	T7 tractor construction	45 MPH	1.690E-07	1.871E-06	9.009E-07	1.634E-08	3.600E-08	6.174E-08	6.873E-08	1.665E-07	9.000E-09	2.646E-08	6.323E-08	9.869E-08	1.614E-03	1.453E-03
County	Fresno	2035	Annual	T7 utility	45 MPH	1.104E-07	9.028E-07	5.865E-07	1.634E-08	3.600E-08	6.174E-08	3.798E-08	1.357E-07	9.000E-09	2.646E-08	3.494E-08	7.040E-08	1.614E-03	1.453E-03
County	Fresno	2035	Annual	T7IS	45 MPH	2.929E-07	4.899E-06	2.233E-05	6.261E-09	8.000E-09	3.675E-08	1.093E-10	4.486E-08	2.000E-09	1.575E-08	1.014E-10	1.785E-08	4.521E-04	4.069E-04
County	Fresno	2035	Annual	UBUS	45 MPH	1.680E-07	4.468E-06	1.537E-06	1.779E-08	8.000E-09	6.095E-07	5.884E-08	6.763E-07	2.000E-09	2.612E-07	5.413E-08	3.173E-07	1.766E-03	1.590E-03

County	Fresno	2035	Annual	All Other Buses	50 MPH	7.178E-08	1.041E-06	3.914E-07	1.124E-08	1.200E-08	1.303E-07	4.725E-08	1.896E-07	3.000E-09	5.586E-08	4.347E-08	1.023E-07	1.019E-03	9.175E-04
County	Fresno	2035	Annual	LDA	50 MPH	6.981E-09	5.346E-08	5.342E-07	3.386E-09	8.000E-09	3.675E-08	1.478E-09	4.623E-08	2.000E-09	1.575E-08	1.371E-09	1.912E-08	2.922E-04	1.738E-04
County	Fresno	2035	Annual	LDT1	50 MPH	8.400E-09	6.118E-08	6.253E-07	3.932E-09	8.000E-09	3.675E-08	1.471E-09	4.622E-08	2.000E-09	1.575E-08	1.365E-09	1.912E-08	3.393E-04	2.066E-04
County	Fresno	2035	Annual	LDT2	50 MPH	8.573E-09	6.554E-08	6.246E-07	4.597E-09	8.000E-09	3.675E-08	1.463E-09	4.621E-08	2.000E-09	1.575E-08	1.358E-09	1.911E-08	3.968E-04	2.696E-04
County	Fresno	2035	Annual	LHD1	50 MPH	2.157E-08	4.373E-07	2.453E-07	7.888E-09	9.517E-09	5.180E-08	5.181E-09	6.650E-08	2.379E-09	2.220E-08	4.768E-09	2.935E-08	4.789E-04	4.310E-04
County	Fresno	2035	Annual	LHD2	50 MPH	2.965E-08	5.682E-07	2.909E-07	6.763E-09	1.047E-08	6.912E-08	7.846E-09	8.743E-08	2.617E-09	2.962E-08	7.218E-09	3.946E-08	4.943E-04	4.449E-04
County	Fresno	2035	Annual	MCY	50 MPH	2.198E-06	1.202E-06	1.967E-05	2.265E-09	8.000E-09	3.675E-08	2.073E-10	4.496E-08	2.000E-09	1.575E-08	1.794E-10	1.793E-08	1.490E-04	1.341E-04
County	Fresno	2035	Annual	MDV	50 MPH	1.183E-08	8.855E-08	8.235E-07	5.889E-09	8.000E-09	3.675E-08	1.437E-09	4.619E-08	2.000E-09	1.575E-08	1.333E-09	1.908E-08	5.083E-04	3.536E-04
County	Fresno	2035	Annual	MH	50 MPH	1.806E-08	7.158E-07	1.843E-07	7.697E-09	8.711E-09	5.339E-08	8.850E-09	7.095E-08	2.178E-09	2.288E-08	8.143E-09	3.320E-08	5.611E-04	5.050E-04
County	Fresno	2035	Annual	Motor Coach	50 MPH	1.377E-07	1.554E-06	8.460E-07	1.634E-08	1.200E-08	1.303E-07	6.865E-08	2.110E-07	3.000E-09	5.586E-08	6.316E-08	1.220E-07	1.576E-03	1.418E-03
County	Fresno	2035	Annual	OBUS	50 MPH	8.279E-09	1.920E-07	2.150E-07	6.845E-09	8.000E-09	3.675E-08	1.032E-10	4.485E-08	2.000E-09	1.575E-08	9.577E-11	1.785E-08	4.543E-04	4.089E-04
County	Fresno	2035	Annual	PTO	50 MPH	2.648E-07	2.073E-06	8.146E-07	2.020E-08	0.000E+00	0.000E+00	4.422E-08	4.422E-08	0.000E+00	0.000E+00	4.068E-08	4.068E-08	2.117E-03	1.905E-03
County	Fresno	2035	Annual	SBUS	50 MPH	9.787E-08	2.291E-06	7.147E-07	1.063E-08	1.065E-08	5.063E-07	4.208E-08	5.590E-07	2.663E-09	2.170E-07	3.872E-08	2.584E-07	8.443E-04	7.598E-04
County	Fresno	2035	Annual	T6 Ag	50 MPH	7.000E-08	9.917E-07	3.817E-07	1.124E-08	1.200E-08	1.303E-07	4.565E-08	1.880E-07	3.000E-09	5.586E-08	4.200E-08	1.009E-07	1.020E-03	9.176E-04
County	Fresno	2035	Annual	T6 CAIRP heavy	50 MPH	6.113E-08	8.134E-07	3.334E-07	1.124E-08	1.200E-08	1.303E-07	3.838E-08	1.807E-07	3.000E-09	5.586E-08	3.531E-08	9.417E-08	1.019E-03	9.174E-04
County	Fresno	2035	Annual	T6 CAIRP small	50 MPH	5.810E-08	7.480E-07	3.168E-07	1.124E-08	1.200E-08	1.303E-07	3.584E-08	1.782E-07	3.000E-09	5.586E-08	3.297E-08	9.183E-08	1.019E-03	9.174E-04
County	Fresno	2035	Annual	T6 instate construction heavy	50 MPH	6.890E-08	9.802E-07	3.757E-07	1.124E-08	1.200E-08	1.303E-07	4.487E-08	1.872E-07	3.000E-09	5.586E-08	4.128E-08	1.001E-07	1.019E-03	9.174E-04
County	Fresno	2035	Annual	T6 instate construction small	50 MPH	6.277E-08	8.487E-07	3.423E-07	1.124E-08	1.200E-08	1.303E-07	3.975E-08	1.821E-07	3.000E-09	5.586E-08	3.657E-08	9.543E-08	1.019E-03	9.174E-04
County	Fresno	2035	Annual	T6 instate heavy	50 MPH	6.901E-08	9.825E-07	3.764E-07	1.124E-08	1.200E-08	1.303E-07	4.496E-08	1.873E-07	3.000E-09	5.586E-08	4.136E-08	1.002E-07	1.019E-03	9.174E-04
County	Fresno	2035	Annual	T6 instate small	50 MPH	6.281E-08	8.496E-07	3.425E-07	1.124E-08	1.200E-08	1.303E-07	3.978E-08	1.821E-07	3.000E-09	5.586E-08	3.660E-08	9.546E-08	1.019E-03	9.174E-04
County	Fresno	2035	Annual	T6 OOS heavy	50 MPH	6.113E-08	8.134E-07	3.334E-07	1.124E-08	1.200E-08	1.303E-07	3.838E-08	1.807E-07	3.000E-09	5.586E-08	3.531E-08	9.417E-08	1.019E-03	9.174E-04
County	Fresno	2035	Annual	T6 OOS small	50 MPH	5.810E-08	7.480E-07	3.168E-07	1.124E-08	1.200E-08	1.303E-07	3.584E-08	1.782E-07	3.000E-09	5.586E-08	3.297E-08	9.183E-08	1.019E-03	9.174E-04
County	Fresno	2035	Annual	T6 Public	50 MPH	5.169E-08	1.034E-06	2.809E-07	1.127E-08	1.200E-08	1.303E-07	3.131E-08	1.736E-07	3.000E-09	5.586E-08	2.881E-08	8.767E-08	1.022E-03	9.197E-04
County	Fresno	2035	Annual	T6 utility	50 MPH	4.894E-08	5.498E-07	2.669E-07	1.124E-08	1.200E-08	1.303E-07	2.817E-08	1.705E-07	3.000E-09	5.586E-08	2.591E-08	8.477E-08	1.019E-03	9.174E-04
County	Fresno	2035	Annual	T6TS	50 MPH	7.082E-09	1.744E-07	1.867E-07	6.844E-09	8.000E-09	3.675E-08	1.043E-10	4.485E-08	2.000E-09	1.575E-08	9.680E-11	1.785E-08	4.543E-04	4.089E-04
County	Fresno	2035	Annual	T7 Ag	50 MPH	1.458E-07	1.681E-06	8.953E-07	1.634E-08	3.600E-08	6.174E-08	7.355E-08	1.713E-07	9.000E-09	2.646E-08	6.767E-08	1.031E-07	1.576E-03	1.418E-03
County	Fresno	2035	Annual	T7 CAIRP	50 MPH	1.502E-07	1.776E-06	9.233E-07	1.634E-08	3.600E-08	6.174E-08	7.695E-08	1.747E-07	9.000E-09	2.646E-08	7.080E-08	1.063E-07	1.575E-03	1.418E-03
County	Fresno	2035	Annual	T7 CAIRP construction	50 MPH	1.502E-07	1.777E-06	9.233E-07	1.634E-08	3.600E-08	6.174E-08	7.696E-08	1.747E-07	9.000E-09	2.646E-08	7.080E-08	1.063E-07	1.575E-03	1.418E-03
County	Fresno	2035	Annual	T7 NNOOS	50 MPH	1.304E-07	1.425E-06	8.008E-07	1.634E-08	3.600E-08	6.174E-08	6.383E-08	1.616E-07	9.000E-09	2.646E-08	5.872E-08	9.418E-08	1.575E-03	1.418E-03
County	Fresno	2035	Annual	T7 NOOS	50 MPH	1.502E-07	1.776E-06	9.233E-07	1.634E-08	3.600E-08	6.174E-08	7.695E-08	1.747E-07	9.000E-09	2.646E-08	7.080E-08	1.063E-07	1.575E-03	1.418E-03
County	Fresno	2035	Annual	T7 other port	50 MPH	1.807E-07	2.319E-06	1.112E-06	1.634E-08	3.600E-08	6.174E-08	9.721E-08	1.950E-07	9.000E-09	2.646E-08	8.943E-08	1.249E-07	1.575E-03	1.418E-03
County	Fresno	2035	Annual	T7 POAK	50 MPH	1.807E-07	2.319E-06	1.112E-06	1.634E-08	3.600E-08	6.174E-08	9.721E-08	1.950E-07	9.000E-09	2.646E-08	8.943E-08	1.249E-07	1.575E-03	1.418E-03
County	Fresno	2035	Annual	T7 POLA	50 MPH	1.807E-07	2.319E-06	1.112E-06	1.634E-08	3.600E-08	6.174E-08	9.721E-08	1.950E-07	9.000E-09	2.646E-08	8.943E-08	1.249E-07	1.575E-03	1.418E-03
County	Fresno	2035	Annual	T7 Public	50 MPH	9.764E-08	3.312E-06	5.890E-07	1.645E-08	3.600E-08	6.174E-08	4.713E-08	1.449E-07	9.000E-09	2.646E-08	4.336E-08	7.882E-08	1.586E-03	1.427E-03
County	Fresno	2035	Annual	T7 Single	50 MPH	1.185E-07	1.212E-06	7.268E-07	1.634E-08	3.600E-08	6.174E-08	5.589E-08	1.536E-07	9.000E-09	2.646E-08	5.142E-08	8.688E-08	1.576E-03	1.418E-03
County	Fresno	2035	Annual	T7 single construction	50 MPH	1.185E-07	1.213E-06	7.270E-07	1.634E-08	3.600E-08	6.174E-08	5.591E-08	1.536E-07	9.000E-09	2.646E-08	5.144E-08	8.690E-08	1.576E-03	1.418E-03
County	Fresno	2035	Annual	T7 SWCV	50 MPH	1.119E-07	1.328E-06	6.854E-07	1.636E-08	3.600E-08	6.174E-08	5.143E-08	1.492E-07	9.000E-09	2.646E-08	4.731E-08	8.277E-08	1.577E-03	1.419E-03
County	Fresno	2035	Annual	T7 tractor	50 MPH	1.509E-07	1.786E-06	9.274E-07	1.634E-08	3.600E-08	6.174E-08	7.733E-08	1.751E-07	9.000E-09	2.646E-08	7.114E-08	1.066E-07	1.576E-03	1.418E-03
County	Fresno	2035	Annual	T7 tractor construction	50 MPH	1.512E-07	1.792E-06	9.294E-07	1.634E-08	3.600E-08	6.174E-08	7.754E-08	1.753E-07	9.000E-09	2.646E-08	7.133E-08	1.068E-07	1.576E-03	1.418E-03
County	Fresno	2035	Annual	T7 utility	50 MPH	9.880E-08	8.645E-07	6.050E-07	1.634E-08	3.600E-08	6.174E-08	4.285E-08	1.406E-07	9.000E-09	2.646E-08	3.942E-08	7.488E-08	1.576E-03	1.418E-03
County	Fresno	2035	Annual	T7IS	50 MPH	2.604E-07	5.074E-06	2.245E-05	6.261E-09	8.000E-09	3.675E-08	9.773E-11	4.485E-08	2.000E-09	1.575E-08	9.068E-11	1.784E-08	4.543E-04	4.089E-04
County	Fresno	2035	Annual	UBUS	50 MPH	1.559E-07	4.920E-06	1.535E-06	1.779E-08	8.000E-09	6.095E-07	5.549E-08	6.730E-07	2.000E-09	2.612E-07	5.105E-08	3.143E-07	1.767E-03	1.590E-03

County	Fresno	2035	Annual	All Other Buses	55 MPH	6.561E-08	1.021E-06	4.106E-07	1.124E-08	1.200E-08	1.303E-07	5.402E-08	1.964E-07	3.000E-09	5.586E-08	4.970E-08	1.086E-07	1.008E-03	9.069E-04
County	Fresno	2035	Annual	LDA	55 MPH	7.116E-09	5.368E-08	4.993E-07	3.386E-09	8.000E-09	3.675E-08	1.506E-09	4.626E-08	2.000E-09	1.575E-08	1.397E-09	1.915E-08	3.032E-04	1.803E-04
County	Fresno	2035	Annual	LDT1	55 MPH	8.539E-09	6.155E-08	5.850E-07	3.932E-09	8.000E-09	3.675E-08	1.498E-09	4.625E-08	2.000E-09	1.575E-08	1.390E-09	1.914E-08	3.520E-04	2.143E-04
County	Fresno	2035	Annual	LDT2	55 MPH	8.729E-09	6.585E-08	5.839E-07	4.597E-09	8.000E-09	3.675E-08	1.490E-09	4.624E-08	2.000E-09	1.575E-08	1.383E-09	1.913E-08	4.116E-04	2.797E-04
County	Fresno	2035	Annual	LHD1	55 MPH	2.029E-08	4.885E-07	2.511E-07	7.888E-09	9.517E-09	5.180E-08	4.903E-09	6.622E-08	2.379E-09	2.220E-08	4.511E-09	2.909E-08	4.963E-04	4.467E-04
County	Fresno	2035	Annual	LHD2	55 MPH	2.801E-08	6.380E-07	2.962E-07	6.763E-09	1.047E-08	6.912E-08	7.425E-09	8.701E-08	2.617E-09	2.962E-08	6.832E-09	3.907E-08	5.051E-04	4.546E-04
County	Fresno	2035	Annual	MCY	55 MPH	2.542E-06	1.248E-06	2.371E-05	2.265E-09	8.000E-09	3.675E-08	2.395E-10	4.499E-08	2.000E-09	1.575E-08	2.072E-10	1.796E-08	1.623E-04	1.460E-04
County	Fresno	2035	Annual	MDV	55 MPH	1.202E-08	8.931E-08	7.703E-07	5.889E-09	8.000E-09	3.675E-08	1.463E-09	4.621E-08	2.000E-09	1.575E-08	1.357E-09	1.911E-08	5.273E-04	3.668E-04
County	Fresno	2035	Annual	MH	55 MPH	1.683E-08	7.147E-07	1.938E-07	7.697E-09	8.711E-09	5.339E-08	1.012E-08	7.222E-08	2.178E-09	2.288E-08	9.308E-09	3.437E-08	5.820E-04	5.238E-04
County	Fresno	2035	Annual	Motor Coach	55 MPH	1.259E-07	1.524E-06	8.874E-07	1.634E-08	1.200E-08	1.303E-07	7.849E-08	2.208E-07	3.000E-09	5.586E-08	7.221E-08	1.311E-07	1.557E-03	1.402E-03
County	Fresno	2035	Annual	OBUS	55 MPH	7.624E-09	2.000E-07	2.278E-07	6.845E-09	8.000E-09	3.675E-08	9.624E-11	4.485E-08	2.000E-09	1.575E-08	8.929E-11	1.784E-08	4.824E-04	4.342E-04
County	Fresno	2035	Annual	PTO	55 MPH	2.648E-07	2.073E-06	8.146E-07	2.020E-08	0.000E+00	0.000E+00	4.422E-08	4.422E-08	0.000E+00	0.000E+00	4.068E-08	4.068E-08	2.117E-03	1.905E-03
County	Fresno	2035	Annual	SBUS	55 MPH	8.950E-08	2.260E-06	7.499E-07	1.063E-08	1.065E-08	5.063E-07	4.810E-08	5.650E-07	2.663E-09	2.170E-07	4.425E-08	2.639E-07	8.458E-04	7.612E-04
County	Fresno	2035	Annual	T6 Ag	55 MPH	6.399E-08	9.726E-07	4.004E-07	1.124E-08	1.200E-08	1.303E-07	5.219E-08	1.945E-07	3.000E-09	5.586E-08	4.801E-08	1.069E-07	1.008E-03	9.071E-04
County	Fresno	2035	Annual	T6 CAIRP heavy	55 MPH	5.588E-08	7.978E-07	3.497E-07	1.124E-08	1.200E-08	1.303E-07	4.388E-08	1.862E-07	3.000E-09	5.586E-08	4.037E-08	9.923E-08	1.008E-03	9.069E-04
County	Fresno	2035	Annual	T6 CAIRP small	55 MPH	5.310E-08	7.336E-07	3.323E-07	1.124E-08	1.200E-08	1.303E-07	4.097E-08	1.833E-07	3.000E-09	5.586E-08	3.770E-08	9.656E-08	1.008E-03	9.069E-04
County	Fresno	2035	Annual	T6 instate construction heavy	55 MPH	6.298E-08	9.613E-07	3.941E-07	1.124E-08	1.200E-08	1.303E-07	5.129E-08	1.936E-07	3.000E-09	5.586E-08	4.719E-08	1.061E-07	1.008E-03	9.069E-04
County	Fresno	2035	Annual	T6 instate construction small	55 MPH	5.737E-08	8.324E-07	3.591E-07	1.124E-08	1.200E-08	1.303E-07	4.544E-08	1.878E-07	3.000E-09	5.586E-08	4.181E-08	1.007E-07	1.008E-03	9.069E-04
County	Fresno	2035	Annual	T6 instate heavy	55 MPH	6.308E-08	9.636E-07	3.948E-07	1.124E-08	1.200E-08	1.303E-07	5.140E-08	1.937E-07	3.000E-09	5.586E-08	4.729E-08	1.062E-07	1.008E-03	9.069E-04
County	Fresno	2035	Annual	T6 instate small	55 MPH	5.741E-08	8.332E-07	3.593E-07	1.124E-08	1.200E-08	1.303E-07	4.548E-08	1.878E-07	3.000E-09	5.586E-08	4.184E-08	1.007E-07	1.008E-03	9.069E-04
County	Fresno	2035	Annual	T6 OOS heavy	55 MPH	5.588E-08	7.978E-07	3.497E-07	1.124E-08	1.200E-08	1.303E-07	4.388E-08	1.862E-07	3.000E-09	5.586E-08	4.037E-08	9.923E-08	1.008E-03	9.069E-04
County	Fresno	2035	Annual	T6 OOS small	55 MPH	5.310E-08	7.336E-07	3.323E-07	1.124E-08	1.200E-08	1.303E-07	4.097E-08	1.833E-07	3.000E-09	5.586E-08	3.770E-08	9.656E-08	1.008E-03	9.069E-04
County	Fresno	2035	Annual	T6 Public	55 MPH	4.740E-08	1.022E-06	2.943E-07	1.127E-08	1.200E-08	1.303E-07	3.580E-08	1.781E-07	3.000E-09	5.586E-08	3.294E-08	9.180E-08	1.010E-03	9.091E-04
County	Fresno	2035	Annual	T6 utility	55 MPH	4.473E-08	5.392E-07	2.799E-07	1.124E-08	1.200E-08	1.303E-07	3.220E-08	1.745E-07	3.000E-09	5.586E-08	2.963E-08	8.848E-08	1.008E-03	9.069E-04
County	Fresno	2035	Annual	T6TS	55 MPH	6.538E-09	1.817E-07	1.978E-07	6.844E-09	8.000E-09	3.675E-08	9.728E-11	4.485E-08	2.000E-09	1.575E-08	9.026E-11	1.784E-08	4.824E-04	4.342E-04
County	Fresno	2035	Annual	T7 Ag	55 MPH	1.333E-07	1.648E-06	9.392E-07	1.634E-08	3.600E-08	6.174E-08	8.409E-08	1.818E-07	9.000E-09	2.646E-08	7.736E-08	1.128E-07	1.558E-03	1.402E-03
County	Fresno	2035	Annual	T7 CAIRP	55 MPH	1.373E-07	1.742E-06	9.685E-07	1.634E-08	3.600E-08	6.174E-08	8.798E-08	1.857E-07	9.000E-09	2.646E-08	8.094E-08	1.164E-07	1.557E-03	1.402E-03
County	Fresno	2035	Annual	T7 CAIRP construction	55 MPH	1.373E-07	1.742E-06	9.686E-07	1.634E-08	3.600E-08	6.174E-08	8.799E-08	1.857E-07	9.000E-09	2.646E-08	8.095E-08	1.164E-07	1.557E-03	1.402E-03
County	Fresno	2035	Annual	T7 NNOOS	55 MPH	1.192E-07	1.398E-06	8.400E-07	1.634E-08	3.600E-08	6.174E-08	7.297E-08	1.707E-07	9.000E-09	2.646E-08	6.713E-08	1.026E-07	1.557E-03	1.402E-03
County	Fresno	2035	Annual	T7 NOOS	55 MPH	1.373E-07	1.742E-06	9.685E-07	1.634E-08	3.600E-08	6.174E-08	8.798E-08	1.857E-07	9.000E-09	2.646E-08	8.094E-08	1.164E-07	1.557E-03	1.402E-03
County	Fresno	2035	Annual	T7 other port	55 MPH	1.652E-07	2.274E-06	1.167E-06	1.634E-08	3.600E-08	6.174E-08	1.111E-07	2.089E-07	9.000E-09	2.646E-08	1.022E-07	1.377E-07	1.557E-03	1.402E-03
County	Fresno	2035	Annual	T7 POAK	55 MPH	1.652E-07	2.274E-06	1.167E-06	1.634E-08	3.600E-08	6.174E-08	1.111E-07	2.089E-07	9.000E-09	2.646E-08	1.022E-07	1.377E-07	1.557E-03	1.402E-03
County	Fresno	2035	Annual	T7 POLA	55 MPH	1.652E-07	2.274E-06	1.167E-06	1.634E-08	3.600E-08	6.174E-08	1.111E-07	2.089E-07	9.000E-09	2.646E-08	1.022E-07	1.377E-07	1.557E-03	1.402E-03
County	Fresno	2035	Annual	T7 Public	55 MPH	9.060E-08	3.318E-06	6.145E-07	1.645E-08	3.600E-08	6.174E-08	5.394E-08	1.517E-07	9.000E-09	2.646E-08	4.963E-08	8.509E-08	1.568E-03	1.411E-03
County	Fresno	2035	Annual	T7 Single	55 MPH	1.083E-07	1.189E-06	7.624E-07	1.634E-08	3.600E-08	6.174E-08	6.390E-08	1.616E-07	9.000E-09	2.646E-08	5.878E-08	9.424E-08	1.557E-03	1.402E-03
County	Fresno	2035	Annual	T7 single construction	55 MPH	1.083E-07	1.190E-06	7.626E-07	1.634E-08	3.600E-08	6.174E-08	6.392E-08	1.617E-07	9.000E-09	2.646E-08	5.881E-08	9.427E-08	1.557E-03	1.402E-03
County	Fresno	2035	Annual	T7 SWCV	55 MPH	1.024E-07	1.306E-06	7.187E-07	1.636E-08	3.600E-08	6.174E-08	5.880E-08	1.565E-07	9.000E-09	2.646E-08	5.409E-08	8.955E-08	1.559E-03	1.403E-03
County	Fresno	2035	Annual	T7 tractor	55 MPH	1.379E-07	1.752E-06	9.728E-07	1.634E-08	3.600E-08	6.174E-08	8.840E-08	1.861E-07	9.000E-09	2.646E-08	8.133E-08	1.168E-07	1.557E-03	1.402E-03
County	Fresno	2035	Annual	T7 tractor construction	55 MPH	1.382E-07	1.757E-06	9.749E-07	1.634E-08	3.600E-08	6.174E-08	8.865E-08	1.864E-07	9.000E-09	2.646E-08	8.155E-08	1.170E-07	1.557E-03	1.402E-03
County	Fresno	2035	Annual	T7 utility	55 MPH	9.030E-08	8.479E-07	6.347E-07	1.634E-08	3.600E-08	6.174E-08	4.899E-08	1.467E-07	9.000E-09	2.646E-08	4.507E-08	8.053E-08	1.557E-03	1.402E-03
County	Fresno	2035	Annual	T7IS	55 MPH	2.441E-07	5.223E-06	2.390E-05	6.261E-09	8.000E-09	3.675E-08	9.112E-11	4.484E-08	2.000E-09	1.575E-08	8.454E-11	1.783E-08	4.824E-04	4.342E-04
County	Fresno	2035	Annual	UBUS	55 MPH	1.503E-07	5.660E-06	1.623E-06	1.779E-08	8.000E-09	6.095E-07	5.420E-08	6.717E-07	2.000E-09	2.612E-07	4.986E-08	3.131E-07	1.775E-03	1.598E-03

County	Fresno	2035	Annual	All Other Buses	60 MPH	6.170E-08	1.027E-06	4.370E-07	1.124E-08	1.200E-08	1.303E-07	6.219E-08	2.045E-07	3.000E-09	5.586E-08	5.721E-08	1.161E-07	1.009E-03	9.084E-04
County	Fresno	2035	Annual	LDA	60 MPH	7.636E-09	5.477E-08	4.667E-07	3.386E-09	8.000E-09	3.675E-08	1.619E-09	4.637E-08	2.000E-09	1.575E-08	1.502E-09	1.925E-08	3.262E-04	1.940E-04
County	Fresno	2035	Annual	LDT1	60 MPH	9.130E-09	6.297E-08	5.475E-07	3.932E-09	8.000E-09	3.675E-08	1.609E-09	4.636E-08	2.000E-09	1.575E-08	1.493E-09	1.924E-08	3.786E-04	2.305E-04
County	Fresno	2035	Annual	LDT2	60 MPH	9.355E-09	6.727E-08	5.460E-07	4.597E-09	8.000E-09	3.675E-08	1.601E-09	4.635E-08	2.000E-09	1.575E-08	1.485E-09	1.924E-08	4.428E-04	3.008E-04
County	Fresno	2035	Annual	LHD1	60 MPH	2.115E-08	5.835E-07	2.953E-07	7.888E-09	9.517E-09	5.180E-08	5.219E-09	6.654E-08	2.379E-09	2.220E-08	4.802E-09	2.938E-08	5.328E-04	4.795E-04
County	Fresno	2035	Annual	LHD2	60 MPH	2.891E-08	7.670E-07	3.419E-07	6.763E-09	1.047E-08	6.912E-08	7.832E-09	8.742E-08	2.617E-09	2.962E-08	7.206E-09	3.944E-08	5.276E-04	4.748E-04
County	Fresno	2035	Annual	MCY	60 MPH	3.088E-06	1.306E-06	3.029E-05	2.265E-09	8.000E-09	3.675E-08	2.909E-10	4.504E-08	2.000E-09	1.575E-08	2.516E-10	1.800E-08	1.832E-04	1.649E-04
County	Fresno	2035	Annual	MDV	60 MPH	1.284E-08	9.169E-08	7.208E-07	5.889E-09	8.000E-09	3.675E-08	1.571E-09	4.632E-08	2.000E-09	1.575E-08	1.457E-09	1.921E-08	5.671E-04	3.945E-04
County	Fresno	2035	Annual	MH	60 MPH	1.637E-08	7.242E-07	2.131E-07	7.697E-09	8.711E-09	5.339E-08	1.175E-08	7.385E-08	2.178E-09	2.288E-08	1.081E-08	3.587E-08	6.307E-04	5.676E-04
County	Fresno	2035	Annual	Motor Coach	60 MPH	1.184E-07	1.533E-06	9.444E-07	1.634E-08	1.200E-08	1.303E-07	9.036E-08	2.327E-07	3.000E-09	5.586E-08	8.313E-08	1.420E-07	1.560E-03	1.404E-03
County	Fresno	2035	Annual	OBUS	60 MPH	7.362E-09	2.063E-07	2.559E-07	6.845E-09	8.000E-09	3.675E-08	9.353E-11	4.484E-08	2.000E-09	1.575E-08	8.678E-11	1.784E-08	5.412E-04	4.871E-04
County	Fresno	2035	Annual	PTO	60 MPH	2.648E-07	2.073E-06	8.146E-07	2.020E-08	0.000E+00	0.000E+00	4.422E-08	4.422E-08	0.000E+00	0.000E+00	4.068E-08	4.068E-08	2.117E-03	1.905E-03
County	Fresno	2035	Annual	SBUS	60 MPH	8.447E-08	2.277E-06	8.129E-07	1.063E-08	1.065E-08	5.063E-07	5.536E-08	5.723E-07	2.663E-09	2.170E-07	5.093E-08	2.706E-07	8.667E-04	7.800E-04
County	Fresno	2035	Annual	T6 Ag	60 MPH	6.017E-08	9.785E-07	4.261E-07	1.124E-08	1.200E-08	1.303E-07	6.008E-08	2.024E-07	3.000E-09	5.586E-08	5.528E-08	1.141E-07	1.009E-03	9.085E-04
County	Fresno	2035	Annual	T6 CAIRP heavy	60 MPH	5.255E-08	8.026E-07	3.721E-07	1.124E-08	1.200E-08	1.303E-07	5.051E-08	1.929E-07	3.000E-09	5.586E-08	4.647E-08	1.053E-07	1.009E-03	9.083E-04
County	Fresno	2035	Annual	T6 CAIRP small	60 MPH	4.994E-08	7.380E-07	3.537E-07	1.124E-08	1.200E-08	1.303E-07	4.717E-08	1.895E-07	3.000E-09	5.586E-08	4.340E-08	1.023E-07	1.009E-03	9.083E-04
County	Fresno	2035	Annual	T6 instate construction heavy	60 MPH	5.923E-08	9.671E-07	4.194E-07	1.124E-08	1.200E-08	1.303E-07	5.905E-08	2.014E-07	3.000E-09	5.586E-08	5.433E-08	1.132E-07	1.009E-03	9.084E-04
County	Fresno	2035	Annual	T6 instate construction small	60 MPH	5.395E-08	8.374E-07	3.821E-07	1.124E-08	1.200E-08	1.303E-07	5.231E-08	1.947E-07	3.000E-09	5.586E-08	4.813E-08	1.070E-07	1.009E-03	9.083E-04
County	Fresno	2035	Annual	T6 instate heavy	60 MPH	5.932E-08	9.694E-07	4.201E-07	1.124E-08	1.200E-08	1.303E-07	5.918E-08	2.015E-07	3.000E-09	5.586E-08	5.444E-08	1.133E-07	1.009E-03	9.084E-04
County	Fresno	2035	Annual	T6 instate small	60 MPH	5.399E-08	8.382E-07	3.823E-07	1.124E-08	1.200E-08	1.303E-07	5.236E-08	1.947E-07	3.000E-09	5.586E-08	4.817E-08	1.070E-07	1.009E-03	9.083E-04
County	Fresno	2035	Annual	T6 OOS heavy	60 MPH	5.255E-08	8.026E-07	3.721E-07	1.124E-08	1.200E-08	1.303E-07	5.051E-08	1.929E-07	3.000E-09	5.586E-08	4.647E-08	1.053E-07	1.009E-03	9.083E-04
County	Fresno	2035	Annual	T6 OOS small	60 MPH	4.994E-08	7.380E-07	3.537E-07	1.124E-08	1.200E-08	1.303E-07	4.717E-08	1.895E-07	3.000E-09	5.586E-08	4.340E-08	1.023E-07	1.009E-03	9.083E-04
County	Fresno	2035	Annual	T6 Public	60 MPH	4.481E-08	1.032E-06	3.130E-07	1.127E-08	1.200E-08	1.303E-07	4.128E-08	1.836E-07	3.000E-09	5.586E-08	3.798E-08	9.684E-08	1.012E-03	9.106E-04
County	Fresno	2035	Annual	T6 utility	60 MPH	4.207E-08	5.424E-07	2.979E-07	1.124E-08	1.200E-08	1.303E-07	3.707E-08	1.794E-07	3.000E-09	5.586E-08	3.411E-08	9.297E-08	1.009E-03	9.083E-04
County	Fresno	2035	Annual	T6TS	60 MPH	6.325E-09	1.874E-07	2.222E-07	6.844E-09	8.000E-09	3.675E-08	9.454E-11	4.484E-08	2.000E-09	1.575E-08	8.772E-11	1.784E-08	5.412E-04	4.871E-04
County	Fresno	2035	Annual	T7 Ag	60 MPH	1.253E-07	1.658E-06	9.995E-07	1.634E-08	3.600E-08	6.174E-08	9.681E-08	1.945E-07	9.000E-09	2.646E-08	8.906E-08	1.245E-07	1.560E-03	1.404E-03
County	Fresno	2035	Annual	T7 CAIRP	60 MPH	1.291E-07	1.753E-06	1.031E-06	1.634E-08	3.600E-08	6.174E-08	1.013E-07	1.990E-07	9.000E-09	2.646E-08	9.318E-08	1.286E-07	1.560E-03	1.404E-03
County	Fresno	2035	Annual	T7 CAIRP construction	60 MPH	1.291E-07	1.753E-06	1.031E-06	1.634E-08	3.600E-08	6.174E-08	1.013E-07	1.990E-07	9.000E-09	2.646E-08	9.319E-08	1.286E-07	1.560E-03	1.404E-03
County	Fresno	2035	Annual	T7 NNOOS	60 MPH	1.121E-07	1.406E-06	8.939E-07	1.634E-08	3.600E-08	6.174E-08	8.401E-08	1.817E-07	9.000E-09	2.646E-08	7.729E-08	1.127E-07	1.560E-03	1.404E-03
County	Fresno	2035	Annual	T7 NOOS	60 MPH	1.291E-07	1.753E-06	1.031E-06	1.634E-08	3.600E-08	6.174E-08	1.013E-07	1.990E-07	9.000E-09	2.646E-08	9.318E-08	1.286E-07	1.560E-03	1.404E-03
County	Fresno	2035	Annual	T7 other port	60 MPH	1.554E-07	2.288E-06	1.242E-06	1.634E-08	3.600E-08	6.174E-08	1.279E-07	2.257E-07	9.000E-09	2.646E-08	1.177E-07	1.532E-07	1.560E-03	1.404E-03
County	Fresno	2035	Annual	T7 POAK	60 MPH	1.554E-07	2.288E-06	1.242E-06	1.634E-08	3.600E-08	6.174E-08	1.279E-07	2.257E-07	9.000E-09	2.646E-08	1.177E-07	1.532E-07	1.560E-03	1.404E-03
County	Fresno	2035	Annual	T7 POLA	60 MPH	1.554E-07	2.288E-06	1.242E-06	1.634E-08	3.600E-08	6.174E-08	1.279E-07	2.257E-07	9.000E-09	2.646E-08	1.177E-07	1.532E-07	1.560E-03	1.404E-03
County	Fresno	2035	Annual	T7 Public	60 MPH	8.723E-08	3.367E-06	6.523E-07	1.645E-08	3.600E-08	6.174E-08	6.256E-08	1.603E-07	9.000E-09	2.646E-08	5.756E-08	9.302E-08	1.570E-03	1.413E-03
County	Fresno	2035	Annual	T7 Single	60 MPH	1.018E-07	1.196E-06	8.113E-07	1.634E-08	3.600E-08	6.174E-08	7.356E-08	1.713E-07	9.000E-09	2.646E-08	6.768E-08	1.031E-07	1.560E-03	1.404E-03
County	Fresno	2035	Annual	T7 single construction	60 MPH	1.019E-07	1.197E-06	8.116E-07	1.634E-08	3.600E-08	6.174E-08	7.359E-08	1.713E-07	9.000E-09	2.646E-08	6.770E-08	1.032E-07	1.560E-03	1.404E-03
County	Fresno	2035	Annual	T7 SWCV	60 MPH	9.650E-08	1.316E-06	7.646E-07	1.636E-08	3.600E-08	6.174E-08	6.772E-08	1.655E-07	9.000E-09	2.646E-08	6.230E-08	9.776E-08	1.562E-03	1.405E-03
County	Fresno	2035	Annual	T7 tractor	60 MPH	1.297E-07	1.762E-06	1.035E-06	1.634E-08	3.600E-08	6.174E-08	1.018E-07	1.995E-07	9.000E-09	2.646E-08	9.363E-08	1.291E-07	1.560E-03	1.404E-03
County	Fresno	2035	Annual	T7 tractor construction	60 MPH	1.300E-07	1.768E-06	1.038E-06	1.634E-08	3.600E-08	6.174E-08	1.021E-07	1.998E-07	9.000E-09	2.646E-08	9.389E-08	1.293E-07	1.560E-03	1.404E-03
County	Fresno	2035	Annual	T7 utility	60 MPH	8.492E-08	8.530E-07	6.754E-07	1.634E-08	3.600E-08	6.174E-08	5.640E-08	1.541E-07	9.000E-09	2.646E-08	5.189E-08	8.735E-08	1.560E-03	1.404E-03
County	Fresno	2035	Annual	T7IS	60 MPH	2.323E-07	5.432E-06	2.675E-05	6.261E-09	8.000E-09	3.675E-08	8.856E-11	4.484E-08	2.000E-09	1.575E-08	8.217E-11	1.783E-08	5.412E-04	4.871E-04
County	Fresno	2035	Annual	UBUS	60 MPH	1.503E-07	6.817E-06	1.815E-06	1.779E-08	8.000E-09	6.095E-07	5.483E-08	6.723E-07	2.000E-09	2.612E-07	5.044E-08	3.136E-07	1.792E-03	1.613E-03

County	Fresno	2035	Annual	All Other Buses	65 MPH	6.005E-08	1.060E-06	4.705E-07	1.124E-08	1.200E-08	1.303E-07	7.176E-08	2.141E-07	3.000E-09	5.586E-08	6.602E-08	1.249E-07	1.024E-03	9.219E-04
County	Fresno	2035	Annual	LDA	65 MPH	8.645E-09	5.688E-08	4.376E-07	3.386E-09	8.000E-09	3.675E-08	1.837E-09	4.659E-08	2.000E-09	1.575E-08	1.705E-09	1.945E-08	3.642E-04	2.166E-04
County	Fresno	2035	Annual	LDT1	65 MPH	1.029E-08	6.564E-08	5.143E-07	3.932E-09	8.000E-09	3.675E-08	1.823E-09	4.657E-08	2.000E-09	1.575E-08	1.692E-09	1.944E-08	4.227E-04	2.574E-04
County	Fresno	2035	Annual	LDT2	65 MPH	1.057E-08	6.998E-08	5.122E-07	4.597E-09	8.000E-09	3.675E-08	1.814E-09	4.656E-08	2.000E-09	1.575E-08	1.683E-09	1.943E-08	4.942E-04	3.358E-04
County	Fresno	2035	Annual	LHD1	65 MPH	2.135E-08	6.884E-07	3.474E-07	7.888E-09	9.517E-09	5.180E-08	5.312E-09	6.663E-08	2.379E-09	2.220E-08	4.888E-09	2.947E-08	5.950E-04	5.355E-04
County	Fresno	2035	Annual	LHD2	65 MPH	2.918E-08	9.231E-07	3.955E-07	6.763E-09	1.047E-08	6.912E-08	7.989E-09	8.758E-08	2.617E-09	2.962E-08	7.351E-09	3.959E-08	5.659E-04	5.093E-04
County	Fresno	2035	Annual	MCY	65 MPH	3.941E-06	1.379E-06	4.119E-05	2.265E-09	8.000E-09	3.675E-08	3.715E-10	4.512E-08	2.000E-09	1.575E-08	3.214E-10	1.807E-08	2.149E-04	1.934E-04
County	Fresno	2035	Annual	MDV	65 MPH	1.447E-08	9.602E-08	6.769E-07	5.889E-09	8.000E-09	3.675E-08	1.779E-09	4.653E-08	2.000E-09	1.575E-08	1.651E-09	1.940E-08	6.331E-04	4.404E-04
County	Fresno	2035	Annual	MH	65 MPH	1.669E-08	7.430E-07	2.450E-07	7.697E-09	8.711E-09	5.339E-08	1.375E-08	7.585E-08	2.178E-09	2.288E-08	1.265E-08	3.771E-08	7.159E-04	6.443E-04
County	Fresno	2035	Annual	Motor Coach	65 MPH	1.152E-07	1.582E-06	1.017E-06	1.634E-08	1.200E-08	1.303E-07	1.043E-07	2.466E-07	3.000E-09	5.586E-08	9.592E-08	1.548E-07	1.583E-03	1.425E-03
County	Fresno	2035	Annual	OBUS	65 MPH	7.556E-09	2.103E-07	3.053E-07	6.845E-09	8.000E-09	3.675E-08	9.476E-11	4.484E-08	2.000E-09	1.575E-08	8.792E-11	1.784E-08	6.415E-04	5.773E-04
County	Fresno	2035	Annual	PTO	65 MPH	2.648E-07	2.073E-06	8.146E-07	2.020E-08	0.000E+00	0.000E+00	4.422E-08	4.422E-08	0.000E+00	0.000E+00	4.068E-08	4.068E-08	2.117E-03	1.905E-03
County	Fresno	2035	Annual	SBUS	65 MPH	8.911E-08	2.355E-06	9.603E-07	1.063E-08	1.065E-08	5.063E-07	5.539E-08	5.723E-07	2.663E-09	2.170E-07	5.096E-08	2.706E-07	8.667E-04	7.800E-04
County	Fresno	2035	Annual	T6 Ag	65 MPH	5.856E-08	1.009E-06	4.589E-07	1.124E-08	1.200E-08	1.303E-07	6.933E-08	2.117E-07	3.000E-09	5.586E-08	6.378E-08	1.226E-07	1.024E-03	9.220E-04
County	Fresno	2035	Annual	T6 CAIRP heavy	65 MPH	5.114E-08	8.278E-07	4.007E-07	1.124E-08	1.200E-08	1.303E-07	5.829E-08	2.006E-07	3.000E-09	5.586E-08	5.362E-08	1.125E-07	1.024E-03	9.218E-04
County	Fresno	2035	Annual	T6 CAIRP small	65 MPH	4.860E-08	7.612E-07	3.808E-07	1.124E-08	1.200E-08	1.303E-07	5.443E-08	1.968E-07	3.000E-09	5.586E-08	5.008E-08	1.089E-07	1.024E-03	9.218E-04
County	Fresno	2035	Annual	T6 instate construction heavy	65 MPH	5.764E-08	9.975E-07	4.516E-07	1.124E-08	1.200E-08	1.303E-07	6.814E-08	2.105E-07	3.000E-09	5.586E-08	6.269E-08	1.216E-07	1.024E-03	9.218E-04
County	Fresno	2035	Annual	T6 instate construction small	65 MPH	5.251E-08	8.637E-07	4.114E-07	1.124E-08	1.200E-08	1.303E-07	6.037E-08	2.027E-07	3.000E-09	5.586E-08	5.554E-08	1.144E-07	1.024E-03	9.218E-04
County	Fresno	2035	Annual	T6 instate heavy	65 MPH	5.774E-08	9.999E-07	4.524E-07	1.124E-08	1.200E-08	1.303E-07	6.829E-08	2.106E-07	3.000E-09	5.586E-08	6.282E-08	1.217E-07	1.024E-03	9.218E-04
County	Fresno	2035	Annual	T6 instate small	65 MPH	5.254E-08	8.646E-07	4.117E-07	1.124E-08	1.200E-08	1.303E-07	6.042E-08	2.028E-07	3.000E-09	5.586E-08	5.558E-08	1.144E-07	1.024E-03	9.218E-04
County	Fresno	2035	Annual	T6 OOS heavy	65 MPH	5.114E-08	8.278E-07	4.007E-07	1.124E-08	1.200E-08	1.303E-07	5.829E-08	2.006E-07	3.000E-09	5.586E-08	5.362E-08	1.125E-07	1.024E-03	9.218E-04
County	Fresno	2035	Annual	T6 OOS small	65 MPH	4.860E-08	7.612E-07	3.808E-07	1.124E-08	1.200E-08	1.303E-07	5.443E-08	1.968E-07	3.000E-09	5.586E-08	5.008E-08	1.089E-07	1.024E-03	9.218E-04
County	Fresno	2035	Annual	T6 Public	65 MPH	4.391E-08	1.063E-06	3.371E-07	1.127E-08	1.200E-08	1.303E-07	4.774E-08	1.901E-07	3.000E-09	5.586E-08	4.392E-08	1.028E-07	1.027E-03	9.241E-04
County	Fresno	2035	Annual	T6 utility	65 MPH	4.094E-08	5.595E-07	3.208E-07	1.124E-08	1.200E-08	1.303E-07	4.278E-08	1.851E-07	3.000E-09	5.586E-08	3.936E-08	9.822E-08	1.024E-03	9.218E-04
County	Fresno	2035	Annual	T6TS	65 MPH	6.481E-09	1.911E-07	2.650E-07	6.844E-09	8.000E-09	3.675E-08	9.578E-11	4.485E-08	2.000E-09	1.575E-08	8.887E-11	1.784E-08	6.415E-04	5.773E-04
County	Fresno	2035	Annual	T7 Ag	65 MPH	1.220E-07	1.710E-06	1.076E-06	1.634E-08	3.600E-08	6.174E-08	1.117E-07	2.094E-07	9.000E-09	2.646E-08	1.028E-07	1.382E-07	1.583E-03	1.425E-03
County	Fresno	2035	Annual	T7 CAIRP	65 MPH	1.257E-07	1.808E-06	1.110E-06	1.634E-08	3.600E-08	6.174E-08	1.169E-07	2.146E-07	9.000E-09	2.646E-08	1.075E-07	1.430E-07	1.583E-03	1.425E-03
County	Fresno	2035	Annual	T7 CAIRP construction	65 MPH	1.257E-07	1.808E-06	1.110E-06	1.634E-08	3.600E-08	6.174E-08	1.169E-07	2.146E-07	9.000E-09	2.646E-08	1.075E-07	1.430E-07	1.583E-03	1.425E-03
County	Fresno	2035	Annual	T7 NNOOS	65 MPH	1.091E-07	1.450E-06	9.625E-07	1.634E-08	3.600E-08	6.174E-08	9.694E-08	1.947E-07	9.000E-09	2.646E-08	8.918E-08	1.246E-07	1.583E-03	1.425E-03
County	Fresno	2035	Annual	T7 NOOS	65 MPH	1.257E-07	1.808E-06	1.110E-06	1.634E-08	3.600E-08	6.174E-08	1.169E-07	2.146E-07	9.000E-09	2.646E-08	1.075E-07	1.430E-07	1.583E-03	1.425E-03
County	Fresno	2035	Annual	T7 other port	65 MPH	1.512E-07	2.360E-06	1.337E-06	1.634E-08	3.600E-08	6.174E-08	1.476E-07	2.454E-07	9.000E-09	2.646E-08	1.358E-07	1.713E-07	1.583E-03	1.425E-03
County	Fresno	2035	Annual	T7 POAK	65 MPH	1.512E-07	2.360E-06	1.337E-06	1.634E-08	3.600E-08	6.174E-08	1.476E-07	2.454E-07	9.000E-09	2.646E-08	1.358E-07	1.713E-07	1.583E-03	1.425E-03
County	Fresno	2035	Annual	T7 POLA	65 MPH	1.512E-07	2.360E-06	1.337E-06	1.634E-08	3.600E-08	6.174E-08	1.476E-07	2.454E-07	9.000E-09	2.646E-08	1.358E-07	1.713E-07	1.583E-03	1.425E-03
County	Fresno	2035	Annual	T7 Public	65 MPH	8.752E-08	3.459E-06	7.024E-07	1.645E-08	3.600E-08	6.174E-08	7.299E-08	1.707E-07	9.000E-09	2.646E-08	6.715E-08	1.026E-07	1.594E-03	1.434E-03
County	Fresno	2035	Annual	T7 Single	65 MPH	9.911E-08	1.234E-06	8.736E-07	1.634E-08	3.600E-08	6.174E-08	8.488E-08	1.826E-07	9.000E-09	2.646E-08	7.809E-08	1.136E-07	1.583E-03	1.425E-03
County	Fresno	2035	Annual	T7 single construction	65 MPH	9.914E-08	1.234E-06	8.739E-07	1.634E-08	3.600E-08	6.174E-08	8.491E-08	1.827E-07	9.000E-09	2.646E-08	7.812E-08	1.136E-07	1.583E-03	1.425E-03
County	Fresno	2035	Annual	T7 SWCV	65 MPH	9.414E-08	1.356E-06	8.233E-07	1.636E-08	3.600E-08	6.174E-08	7.819E-08	1.759E-07	9.000E-09	2.646E-08	7.194E-08	1.074E-07	1.585E-03	1.426E-03
County	Fresno	2035	Annual	T7 tractor	65 MPH	1.262E-07	1.818E-06	1.115E-06	1.634E-08	3.600E-08	6.174E-08	1.174E-07	2.152E-07	9.000E-09	2.646E-08	1.080E-07	1.435E-07	1.583E-03	1.425E-03
County	Fresno	2035	Annual	T7 tractor construction	65 MPH	1.265E-07	1.823E-06	1.117E-06	1.634E-08	3.600E-08	6.174E-08	1.178E-07	2.155E-07	9.000E-09	2.646E-08	1.083E-07	1.438E-07	1.583E-03	1.425E-03
County	Fresno	2035	Annual	T7 utility	65 MPH	8.265E-08	8.798E-07	7.273E-07	1.634E-08	3.600E-08	6.174E-08	6.508E-08	1.628E-07	9.000E-09	2.646E-08	5.987E-08	9.533E-08	1.583E-03	1.425E-03
County	Fresno	2035	Annual	T7IS	65 MPH	2.375E-07	5.630E-06	3.165E-05	6.261E-09	8.000E-09	3.675E-08	8.972E-11	4.484E-08	2.000E-09	1.575E-08	8.324E-11	1.783E-08	6.415E-04	5.773E-04
County	Fresno	2035	Annual	UBUS	65 MPH	1.714E-07	7.632E-06	1.803E-06	1.779E-08	8.000E-09	6.095E-07	5.711E-08	6.746E-07	2.000E-09	2.612E-07	5.254E-08	3.157E-07	1.796E-03	1.616E-03

County	Fresno	2035	Annual	All Other Buses	70 MPH	6.066E-08	1.119E-06	5.112E-07	1.124E-08	1.200E-08	1.303E-07	8.273E-08	2.251E-07	3.000E-09	5.586E-08	7.612E-08	1.350E-07	1.053E-03	9.473E-04
County	Fresno	2035	Annual	LDA	70 MPH	9.406E-09	5.830E-08	4.251E-07	3.386E-09	8.000E-09	3.675E-08	2.001E-09	4.675E-08	2.000E-09	1.575E-08	1.856E-09	1.961E-08	3.908E-04	2.324E-04
County	Fresno	2035	Annual	LDT1	70 MPH	1.117E-08	6.740E-08	5.001E-07	3.932E-09	8.000E-09	3.675E-08	1.982E-09	4.673E-08	2.000E-09	1.575E-08	1.839E-09	1.959E-08	4.534E-04	2.761E-04
County	Fresno	2035	Annual	LDT2	70 MPH	1.149E-08	7.175E-08	4.978E-07	4.597E-09	8.000E-09	3.675E-08	1.971E-09	4.672E-08	2.000E-09	1.575E-08	1.829E-09	1.958E-08	5.300E-04	3.601E-04
County	Fresno	2035	Annual	LHD1	70 MPH	2.293E-08	8.500E-07	4.502E-07	7.888E-09	9.517E-09	5.180E-08	5.814E-09	6.714E-08	2.379E-09	2.220E-08	5.350E-09	2.993E-08	6.955E-04	6.260E-04
County	Fresno	2035	Annual	LHD2	70 MPH	3.110E-08	1.166E-06	4.998E-07	6.763E-09	1.047E-08	6.912E-08	8.732E-09	8.832E-08	2.617E-09	2.962E-08	8.034E-09	4.027E-08	6.279E-04	5.651E-04
County	Fresno	2035	Annual	MCY	70 MPH	5.280E-06	1.465E-06	5.943E-05	2.265E-09	8.000E-09	3.675E-08	4.987E-10	4.525E-08	2.000E-09	1.575E-08	4.316E-10	1.818E-08	2.621E-04	2.359E-04
County	Fresno	2035	Annual	MDV	70 MPH	1.570E-08	9.885E-08	6.581E-07	5.889E-09	8.000E-09	3.675E-08	1.934E-09	4.668E-08	2.178E-09	2.288E-08	1.794E-09	2.685E-08	6.790E-04	4.723E-04
County	Fresno	2035	Annual	MH	70 MPH	1.699E-08	7.521E-07	2.902E-07	7.697E-09	8.711E-09	5.339E-08	1.405E-08	7.615E-08	2.178E-09	2.288E-08	1.293E-08	3.799E-08	8.543E-04	7.689E-04
County	Fresno	2035	Annual	Motor Coach	70 MPH	1.164E-07	1.669E-06	1.105E-06	1.634E-08	1.200E-08	1.303E-07	1.202E-07	2.625E-07	3.000E-09	5.586E-08	1.106E-07	1.695E-07	1.627E-03	1.464E-03
County	Fresno	2035	Annual	OBUS	70 MPH	9.352E-09	2.598E-07	4.630E-07	6.845E-09	8.000E-09	3.675E-08	9.973E-11	4.485E-08	2.000E-09	1.575E-08	9.254E-11	1.784E-08	8.034E-04	7.230E-04
County	Fresno	2035	Annual	PTO	70 MPH	2.648E-07	2.073E-06	8.146E-07	2.020E-08	0.000E+00	0.000E+00	4.422E-08	4.422E-08	0.000E+00	0.000E+00	4.068E-08	4.068E-08	2.117E-03	1.905E-03
County	Fresno	2035	Annual	SBUS	70 MPH	8.911E-08	2.355E-06	9.603E-07	1.063E-08	1.065E-08	5.063E-07	5.539E-08	5.723E-07	2.663E-09	2.170E-07	5.096E-08	2.706E-07	8.667E-04	7.800E-04
County	Fresno	2035	Annual	T6 Ag	70 MPH	5.916E-08	1.065E-06	4.986E-07	1.124E-08	1.200E-08	1.303E-07	7.993E-08	2.223E-07	3.000E-09	5.586E-08	7.354E-08	1.324E-07	1.053E-03	9.475E-04
County	Fresno	2035	Annual	T6 CAIRP heavy	70 MPH	5.166E-08	8.760E-07	4.354E-07	1.124E-08	1.200E-08	1.303E-07	6.720E-08	2.095E-07	3.000E-09	5.586E-08	6.182E-08	1.207E-07	1.053E-03	9.473E-04
County	Fresno	2035	Annual	T6 CAIRP small	70 MPH	4.910E-08	8.055E-07	4.138E-07	1.124E-08	1.200E-08	1.303E-07	6.275E-08	2.051E-07	3.000E-09	5.586E-08	5.773E-08	1.166E-07	1.053E-03	9.473E-04
County	Fresno	2035	Annual	T6 instate construction heavy	70 MPH	5.764E-08	1.037E-06	4.858E-07	1.124E-08	1.200E-08	1.303E-07	7.753E-08	2.199E-07	3.000E-09	5.586E-08	7.133E-08	1.302E-07	1.053E-03	9.473E-04
County	Fresno	2035	Annual	T6 instate construction small	70 MPH	5.213E-08	8.871E-07	4.393E-07	1.124E-08	1.200E-08	1.303E-07	6.800E-08	2.103E-07	3.000E-09	5.586E-08	6.256E-08	1.214E-07	1.053E-03	9.473E-04
County	Fresno	2035	Annual	T6 instate heavy	70 MPH	5.739E-08	1.029E-06	4.837E-07	1.124E-08	1.200E-08	1.303E-07	7.710E-08	2.194E-07	3.000E-09	5.586E-08	7.093E-08	1.298E-07	1.053E-03	9.473E-04
County	Fresno	2035	Annual	T6 instate small	70 MPH	5.197E-08	8.819E-07	4.380E-07	1.124E-08	1.200E-08	1.303E-07	6.774E-08	2.101E-07	3.000E-09	5.586E-08	6.232E-08	1.212E-07	1.053E-03	9.473E-04
County	Fresno	2035	Annual	T6 OOS heavy	70 MPH	5.166E-08	8.760E-07	4.354E-07	1.124E-08	1.200E-08	1.303E-07	6.720E-08	2.095E-07	3.000E-09	5.586E-08	6.182E-08	1.207E-07	1.053E-03	9.473E-04
County	Fresno	2035	Annual	T6 OOS small	70 MPH	4.910E-08	8.055E-07	4.138E-07	1.124E-08	1.200E-08	1.303E-07	6.275E-08	2.051E-07	3.000E-09	5.586E-08	5.773E-08	1.166E-07	1.053E-03	9.473E-04
County	Fresno	2035	Annual	T6 Public	70 MPH	4.430E-08	9.346E-07	3.672E-07	1.127E-08	1.200E-08	1.303E-07	5.430E-08	1.966E-07	3.000E-09	5.586E-08	4.996E-08	1.088E-07	1.054E-03	9.488E-04
County	Fresno	2035	Annual	T6 utility	70 MPH	4.136E-08	5.910E-07	3.485E-07	1.124E-08	1.200E-08	1.303E-07	4.932E-08	1.917E-07	3.000E-09	5.586E-08	4.537E-08	1.042E-07	1.053E-03	9.473E-04
County	Fresno	2035	Annual	T6TS	70 MPH	8.258E-09	2.382E-07	4.199E-07	6.844E-09	8.000E-09	3.675E-08	1.014E-10	4.485E-08	2.000E-09	1.575E-08	9.410E-11	1.784E-08	8.034E-04	7.230E-04
County	Fresno	2035	Annual	T7 Ag	70 MPH	1.232E-07	1.805E-06	1.169E-06	1.634E-08	3.600E-08	6.174E-08	1.288E-07	2.265E-07	9.000E-09	2.646E-08	1.185E-07	1.539E-07	1.627E-03	1.464E-03
County	Fresno	2035	Annual	T7 CAIRP	70 MPH	1.269E-07	1.912E-06	1.206E-06	1.634E-08	3.600E-08	6.174E-08	1.347E-07	2.325E-07	9.000E-09	2.646E-08	1.240E-07	1.594E-07	1.627E-03	1.464E-03
County	Fresno	2035	Annual	T7 CAIRP construction	70 MPH	1.269E-07	1.909E-06	1.206E-06	1.634E-08	3.600E-08	6.174E-08	1.348E-07	2.325E-07	9.000E-09	2.646E-08	1.240E-07	1.594E-07	1.627E-03	1.464E-03
County	Fresno	2035	Annual	T7 NNOOS	70 MPH	1.102E-07	1.534E-06	1.046E-06	1.634E-08	3.600E-08	6.174E-08	1.118E-07	2.095E-07	9.000E-09	2.646E-08	1.028E-07	1.383E-07	1.627E-03	1.464E-03
County	Fresno	2035	Annual	T7 NOOS	70 MPH	1.269E-07	1.912E-06	1.206E-06	1.634E-08	3.600E-08	6.174E-08	1.347E-07	2.325E-07	9.000E-09	2.646E-08	1.240E-07	1.594E-07	1.627E-03	1.464E-03
County	Fresno	2035	Annual	T7 other port	70 MPH	1.512E-07	2.350E-06	1.337E-06	1.634E-08	3.600E-08	6.174E-08	1.476E-07	2.454E-07	9.000E-09	2.646E-08	1.358E-07	1.713E-07	1.583E-03	1.425E-03
County	Fresno	2035	Annual	T7 POAK	70 MPH	1.512E-07	2.354E-06	1.337E-06	1.634E-08	3.600E-08	6.174E-08	1.476E-07	2.454E-07	9.000E-09	2.646E-08	1.358E-07	1.713E-07	1.583E-03	1.425E-03
County	Fresno	2035	Annual	T7 POLA	70 MPH	1.527E-07	2.489E-06	1.453E-06	1.634E-08	3.600E-08	6.174E-08	1.702E-07	2.680E-07	9.000E-09	2.646E-08	1.566E-07	1.921E-07	1.627E-03	1.464E-03
County	Fresno	2035	Annual	T7 Public	70 MPH	8.943E-08	2.638E-06	7.891E-07	1.645E-08	3.600E-08	6.174E-08	8.331E-08	1.811E-07	9.000E-09	2.646E-08	7.665E-08	1.121E-07	1.633E-03	1.470E-03
County	Fresno	2035	Annual	T7 Single	70 MPH	1.034E-07	1.374E-06	9.803E-07	1.634E-08	3.600E-08	6.174E-08	1.023E-07	2.000E-07	9.000E-09	2.646E-08	9.409E-08	1.296E-07	1.627E-03	1.464E-03
County	Fresno	2035	Annual	T7 single construction	70 MPH	1.035E-07	1.379E-06	9.816E-07	1.634E-08	3.600E-08	6.174E-08	1.025E-07	2.002E-07	9.000E-09	2.646E-08	9.427E-08	1.297E-07	1.627E-03	1.464E-03
County	Fresno	2035	Annual	T7 SWCV	70 MPH	9.674E-08	2.011E-06	8.830E-07	1.636E-08	3.600E-08	6.174E-08	9.251E-08	1.903E-07	9.000E-09	2.646E-08	8.511E-08	1.206E-07	1.631E-03	1.468E-03
County	Fresno	2035	Annual	T7 tractor	70 MPH	1.291E-07	1.955E-06	1.226E-06	1.634E-08	3.600E-08	6.174E-08	1.375E-07	2.353E-07	9.000E-09	2.646E-08	1.265E-07	1.620E-07	1.627E-03	1.464E-03
County	Fresno	2035	Annual	T7 tractor construction	70 MPH	1.300E-07	1.975E-06	1.235E-06	1.634E-08	3.600E-08	6.174E-08	1.388E-07	2.366E-07	9.000E-09	2.646E-08	1.277E-07	1.632E-07	1.627E-03	1.464E-03
County	Fresno	2035	Annual	T7 utility	70 MPH	8.349E-08	9.286E-07	7.902E-07	1.634E-08	3.600E-08	6.174E-08	7.503E-08	1.728E-07	9.000E-09	2.646E-08	6.903E-08	1.045E-07	1.627E-03	1.464E-03
County	Fresno	2035	Annual	T7IS	70 MPH	3.432E-07	7.466E-06	5.176E-05	6.261E-09	8.000E-09	3.675E-08	9.399E-11	4.484E-08	2.000E-09	1.575E-08	8.721E-11	1.784E-08	8.034E-04	7.230E-04
County	Fresno	2035	Annual	UBUS	70 MPH	1.714E-07	7.632E-06	1.803E-06	1.779E-08	8.000E-09	6.095E-07	5.711E-08	6.746E-07	2.000E-09	2.612E-07	5.254E-08	3.157E-07	1.796E-03	1.616E-03

		2003	2004	2005	2006	2007	2008	2009	2010
PG&E	Target (GWh)	7,022	7,733	8,454	9,178	9,941	10,732	11,547	15,554
	RPS-Eligible Procurement (GWh)	8,686	8,660	8,707	9,118	9,044	9,817	11,493	13,760
	RPS GWh as % of Bundled Sales	11.5%	12.2%	12.1%	12.6%	11.8%	12.4%	14.1%	17.7%
	Cumulative Deficit/Surplus (GWh)	1,664	2,592	2,844	2,785	1,888	973	919	-876
		2003	2004	2005	2006	2007	2008	2009	2010
SCE	Target (GWh)	11,254	11,960	12,690	13,440	14,228	15,023	15,833	15,028
	RPS-Eligible Procurement (GWh)	12,421	13,182	12,822	12,486	12,261	12,574	13,622	14,548
	RPS GWh as % of Bundled Sales	16.6%	18.7%	17.6%	16.6%	15.5%	15.8%	16.8%	19.4%
	Cumulative Deficit/Surplus (GWh)	1,167	2,390	2,522	1,569	-399	-2,848	-5,058	-5,538
		2003	2004	2005	2006	2007	2008	2009	2010
SDG&E	Target (GWh)	296	447	605	765	933	1,104	1,278	3,257
	RPS-Eligible Procurement (GWh)	550	678	825	900	881	1,047	1,784	1,940
	RPS GWh as % of Bundled Sales	3.7%	4.5%	5.2%	5.6%	5.2%	6.1%	10.2%	11.9%
	Cumulative Deficit/Surplus (GWh)	254	485	706	841	788	732	1,239	-78
		2003	2004	2005	2006	2007	2008	2009	2010
TOTAL	Target (GWh)	18,572	20,139	21,748	23,382	25,102	26,859	28,658	33,839
	RPS-Eligible Procurement (GWh)	21,657	22,520	22,354	22,504	22,185	23,438	26,900	30,249
	RPS GWh as % of Bundled Sales	13.8%	14.0%	13.7%	13.1%	12.6%	13.0%	15.4%	17.9%
	Cumulative Deficit/Surplus (GWh)	3,085	5,466	6,072	5,194	2,277	-1,143	-2,901	-6,492

15.4%

Criteria Air Pollutants from Natural Gas

Rate	lbs/MBTU					
Natural Gas	ROG	NO_x	CO	SO_2	PM_{10}	$PM_{2.5}$
Residential	0.01078431	0.09215686	0.03921569	0.00058824	0.00745098	0.00745098
Non-Residential	0.01078431	0.09803922	0.08235294	0.00058824	0.00745098	0.00745098
Source: CalEEMod Version 2011.1.1.						

Natural Gas	2012 lbs/day					
	ROG	NO_x	CO	SO_2	PM_{10}	$PM_{2.5}$
Residential	50	426	181	3	34	34
Commercial + Industrial	15	132	111	1	10	10
Total	64	557	292	4	44	44

Natural Gas	2035 lbs/day					
	ROG	NO_x	CO	SO_2	PM_{10}	$PM_{2.5}$
Residential	81	689	293	4	56	56
Commercial + Industrial	30	270	227	2	21	21
Total	110	959	520	6	76	76
Increase from Baseline	46	401	228	3	32	32

Natural Gas	P-2035 lbs/day					
	ROG	NO_x	CO	SO_2	PM_{10}	$PM_{2.5}$
Residential	129	1101	469	7	89	89
Commercial + Industrial	41	370	311	2	28	28
Total	170	1471	779	9	117	117
Increase from Baseline	105	913	487	6	73	73

General Conversion Factors	
Mmbtu to Therm	0.1
lbs to Tons	2000
Tons to MTon	0.9071847

Source: California Air Resources Board (CARB). 2010. Local Government Operations Protocol. Version 1.1. Appendix F, Standard Conversion Factors

Energy

Natural Gas Emission Factors

Natural Gas	Intensity factor			CO_2e
	$MTCO_2$/Therm	CH_4 MT/Therm	N_2O MT/Therm	MT/Therm
All Years	0.00053	5.E-07	1.E-08	**0.00054**

Source: CO2 intensity based on PG&E Natural Gas Emissions Factor (11.70 lbs/therm). CH4 and N2O intensity based on Table G.3 of the LGOP for residential and non-residential (CH_4: 0.005 kg/MMBtu; N_2O: 0.0001 kg/MMBtu)

PG&E Electricity Carbon Intensity

	Intensity factor			CO_2e
	CO_2MT/MWH[1]	CH_4 MT/MWH[2]	N_2O MT/MWH[2]	MT/MWh
2011	0.178261794	0.000013	0.000003	0.179

Source 1: Year 2011 CO_2 Intensity=0.393 lbs/kWh. Pacific Gas & Electric, Community Wide GHG Inventory Report for City of Clovis.

Source 2: CH_4 intensity factor=28.94 lb/GWh; N_20 intensity factor=6.17 lb/GWh. United States Environmental Protection Agency. eGRID2012 Version 1.0 Year 2009 GHG Annual Emission Rates. http://www.epa.gov/cleanenergy/documents/egridzips/eGRID2012V1_0_year09_GHGOutputrates.pdf

2005 Carbon Intensity

	2005	2010	CO_2e
Assumed Percent Renewable	12.1%	17.7%	MTons/MWh
CO_2e MTons/Mwh	0.190	0.178	0.190
Carbon Intensity Without RPS	0.213		

Based on the PG&E RPS in 2010.

Source: California Public Utilities Commission (CPUC). California RPS Procurement Summary 2003-2010. http://www.cpuc.ca.gov/PUC/energy/Renewables/index.htm

ABAU Carbon Intensity

	2011	2020	CO_2e
Assumed Percent Renewable*	17.7%	33%	MTons/MWh
CO_2e MTons/Mwh	0.178	0.141	0.142
Carbon Intensity Without RPS	0.210		

Based on the PG&E RPS in 2010.

Source: California Public Utilities Commission (CPUC). California RPS Procurement Summary 2003-2010. http://www.cpuc.ca.gov/PUC/energy/Renewables/index.htm

GHG Emissions from Energy Use

Electricity	2012 $MTCO_2e$/Year	2035 BAU	P-2035 BAU	2035 ABAU	P-2035 ABAU
Residential Electricity	72,612	124,757	199,435	92,838	148,409
Commercial + Industrial	42,950	93,313	127,856	69,438	95,144
Total	115,562	218,069	327,291	162,276	243,553

Natural Gas	2012	2035 BAU	P-2035 BAU	2035 ABAU	P-2035 ABAU
Residential Electricity	9,173	14,848	23,736	14,848	23,736
Commercial + Industrial	2,671	5,468	7,492	5,468	7,492
Total	11,845	20,316	31,228	20,316	31,228
Permitted Facilities	265,643	265,643	265,643	265,643	265,643
Total with Permitted Facilities	277,488	285,959	296,871	285,959	296,871

Summary	2012	2035 BAU	P-2035 BAU	2035 ABAU	P-2035 ABAU
Residential Total	81,785	139,605	223,171	107,686	172,146
Commercial Total	45,621	98,780	135,348	74,906	102,636
Total	127,407	238,385	358,519	182,592	274,781
Total with Permitted Facilities	393,050	504,029	624,162	448,235	540,424

General Conversion Factors

lbs to kg	0.4536
kg to MTons	0.001
Mmbtu to Therm	0.1
kilowatt hrs to megawatt hrs	0.001
lbs to Tons	2000
Tons to MTon	0.9071847

Source: California Air Resources Board (CARB). 2010. Local Government Operations Protocol. Version 1.1. Appendix F, Standard Conversion Factors

	Global Warming Potentials (GWP)
CO_2	1
CH_4	21
N_2O	310

Source: Intergovernmental Panel on Climate Change (IPCC). 2001. Third Assessment Report: Climate Change 2011.

Therms to kwh	29.30711111

Electricity and Natural Gas Use Consumption for City of Clovis

Pacific Gas & Electric Electricity Use

Annual KWH

	2006	2007	2008	2009	2010	2011	Average 2006-2011 Annual KWH
Residential	315,667,029	316,518,202	322,960,424	330,257,379	317,082,353	321,700,233	320,697,603
Commercial + Industrial	236,466,399	247,112,174	244,548,308	242,219,562	236,265,134	225,220,354	238,638,655
				572,476,941	553,347,487	546,920,587	559,336,259

Pacific Gas & Electric Natural Gas Use

Annual Therms

	2006	2007	2008	2009	2010	2011	Average 2009-2011 Annual Therms
Residential	14,035,626	13,953,881	13,726,773	14,275,753	14,170,797	15,508,423	14,651,658
Commercial	4,653,909	4,723,953	4,640,739	4,606,174	4,697,228	4,861,681	4,721,694
				18,881,927	18,868,025	20,370,104	19,373,352

Sphere of Influence (SOI) and Planning Area Outside City and SOI

Area	Population	Employment
City fo Clovis	98,881	29,331
SOI	5,942	497
Outside Planning Area	8,915	659

*Electricity**

Residential Annual KWH/Resident:	5,657	kWH/resident
Non-Residential Annual KWH/Employee:	661	kWH/employee

** Annual use divided by residents/employees within the City of Clovis boundaries.*

Area		Residential Annual kWH	Commercial + Industrial Annual kWH
SOI		33,611,877	328,272
Outside Planning Area		50,429,129	435,275
	total	84,041,007	763,547

*Natural Gas**

Residential Annual Therms/Resident:	148	kWH/resident
Non-Residential Annual Therms/Employee:	161	kWH/employee

** Annual use divided by residents/employees within the City of Clovis boundaries.*

Area		Residential Annual Therms	Commercial + Industrial Annual Therms
SOI		880,454	80,007
Outside Planning Area		1,320,977	106,086
	total	2,201,431	186,092

Permitted Facilities Natural Gas Use

Heat Content:*	0.11	MMBtu/gal
Gal to Cubic Feet:	7.48052	gal/cf
MMBtu to Therm:	9.999961	therm/MMBtu
	1.09999571	therm/gal
	8.228539909	therm/cf

Annual Cubic Feet

	2008	2009	2010	2011	2012	Average 2008-2012 Annual Therms
Permitted Use	59,890,000	59,890,000	59,890,000	54,590,000	62,290,000	59,310,000
						59,310,000

Annual Therms

	2008	2009	2010	2011	2012	Average 2008-2012 Annual Therms
Permitted Use	492,807,255	492,807,255	492,807,255	449,195,994	512,555,751	488,034,702
						488,034,702
	492,807,255					

*California Air Resources Board. 2010, May. Local Government Operations Protocol: *For the quantification and reporting of greenhouse gas emissions inventories* . Version 1.1.

		2003	2004	2005	2006	2007	2008	2009	2010
PG&E	Target (GWh)	7,022	7,733	8,454	9,178	9,941	10,732	11,547	15,554
	RPS-Eligible Procurement (GWh)	8,686	8,660	8,707	9,118	9,044	9,817	11,493	13,760
	RPS GWh as % of Bundled Sales	11.5%	12.2%	12.1%	12.6%	11.8%	12.4%	14.1%	17.7%
	Cumulative Deficit/Surplus (GWh)	1,664	2,592	2,844	2,785	1,888	973	919	-876
		2003	2004	2005	2006	2007	2008	2009	2010
SCE	Target (GWh)	11,254	11,960	12,690	13,440	14,228	15,023	15,833	15,028
	RPS-Eligible Procurement (GWh)	12,421	13,182	12,822	12,486	12,261	12,574	13,622	14,548
	RPS GWh as % of Bundled Sales	16.6%	18.7%	17.6%	16.6%	15.5%	15.8%	16.8%	19.4%
	Cumulative Deficit/Surplus (GWh)	1,167	2,390	2,522	1,569	-399	-2,848	-5,058	-5,538
		2003	2004	2005	2006	2007	2008	2009	2010
SDG&E	Target (GWh)	296	447	605	765	933	1,104	1,278	3,257
	RPS-Eligible Procurement (GWh)	550	678	825	900	881	1,047	1,784	1,940
	RPS GWh as % of Bundled Sales	3.7%	4.5%	5.2%	5.6%	5.2%	6.1%	10.2%	11.9%
	Cumulative Deficit/Surplus (GWh)	254	485	706	841	788	732	1,239	-78
		2003	2004	2005	2006	2007	2008	2009	2010
TOTAL	Target (GWh)	18,572	20,139	21,748	23,382	25,102	26,859	28,658	33,839
	RPS-Eligible Procurement (GWh)	21,657	22,520	22,354	22,504	22,185	23,438	26,900	30,249
	RPS GWh as % of Bundled Sales	13.8%	14.0%	13.7%	13.1%	12.6%	13.0%	15.4%	17.9%
	Cumulative Deficit/Surplus (GWh)	3,085	5,466	6,072	5,194	2,277	-1,143	-2,901	-6,492

15.4%

Water and Wastewater

Water Demand and Wastewater Generation

	Water Demand (acre-feet/year)		
	Total	Potable Water Demand	Additional Water Uses and System Losses
2012	33,307	23,841	9,466
2035	52,910	40,390	12,520
P-2035	78,695	64,080	14,615

	Water Demand (gallons/year)		
	Total	Potable Water Demand	Additional Water Uses and System Losses
2012	10,853,133,546	7,768,623,919	3,084,509,627
2035	17,240,799,108	13,161,139,217	4,079,659,891
P-2035	25,642,878,205	20,880,559,570	4,762,318,635

	Wastewater Generation (gallons/day)		
	Total	Residential	Non-Residential
2012	11,152,555	8,632,555	2,520,000
2035	19,719,840	13,013,040	6,706,800
P-2035	30,217,590	20,983,590	9,234,000

	Wastewater Generation (gallons/year)		
	Total	Residential	Non-Residential
2012	4,070,682,575	3,150,882,575	919,800,000
2035	7,197,741,600	4,749,759,600	2,447,982,000
P-2035	11,029,420,350	7,659,010,350	3,370,410,000

Water and Wastewater

Fugitive Emissions - Process Emissions from WWTP with Nitrification/Denitrification

CH_4 - Microorganisms can biodegrade soluble organic material in wastewater under aerobic (presence of oxygen) or anaerobic (absence of oxygen) conditions. Anaerobic conditions result in the production of CH_4.

N_2O - Treatment of domestic wastewater during both nitrification and denitrification of the nitrogen present leads to the formation of N_2O, usually in the form of urea, ammonia, and proteins. These compounds are converted to nitrate through the aerobic process of nitrification. Denitrification occurs under anoxic conditions (without free oxygen), and involves the biological conversion of nitrate into dinitrogen. N_2O can be an intermediate product of both processes, but more often is associated with denitrification.

Notes: Waste discharge facilities in compliance with the United States Environmental Protection Agency's Clean Water Standards do not typically result in CH_4 emissions. However, poorly-operated aerobic wastewater treatment systems can result in the generation of CH_4. Because wastewater treatment systems are assumed to operate in compliance with state and federal laws pertaining to water quality, CH_4 emissions from centralized aerobic treatments are not included in the inventory.

Buildout Fugitive Emissions - Process Emissions from WWTP with Nitrification/Denitrification

LGOP Version 1.1. Equation 10.9.

N_2O = Wastewater x 10^-6 x Nload x EF effluent x 10^3

	2012	2035	Post-2035
wastewater (Liters)=	15,407,533,546	27,243,451,956	41,746,356,025

10^-6 =	1.00E-06	conversion factor; kg/mg	
N Load	26.00	mg/L of wastewater	
EF effluent	0.01	kg/N_2O/kg N	USEPA 2013
10^-3 =	1.00E-03	conversion factor: MTons/kg	

	2012	2035	Post-2035
	MTons		
N_2O	2.00	3.54	5.43
CO_2e =	621	1,098	1,682

Source: California Air Resources Board (CARB). 2010, May. Local Government Operations Protocol (LGOP), Version 1.1. The LGOP protocol provides default values for all the terms except the Nitrogen Load, which is assumed to be 26 mg of N per Liter of wastewater effluent based on USEPA methodology outlined in the CalEEMod program manual. South Coast Air Quality Management District (SCAQMD). 2013. California Emissions Estimator Model (CalEEMod), Version 2013.2.2. Appendix A. USEPA 2013. California Statewide average. USEPA Database at http://cfpub.epa.gov/dmr/ez_search.cfm.

Total Fugitive Emissions - Process Emissions from WWTP with Nitrification/Denitrification

	2012	2035	Post-2035
CO_2e =	621	1,098	1,682

Wastewater Modeling assumes 0% septic treatment for years 2012, 2035, and P-2035.

Energy for Water Conveyance, Treatment, Distribution, and Wastewater Treatment (Southern California)

Water Supply and Conveyance	Water Treatment	Water Distribution	Total Water	Wastewater Treatment (Tertiary)
	kWhr/million gallons			
9,727	111	1,272	11,110	1,911

Source: California Energy Commission (CEC). 2006, December. Refining Estimates of Water-Related Energy Use in California. CEC-500-2006-118. Prepared by Navigant Consulting, Inc. Based on the electricity use for Southern California.

PG&E Electricity Carbon Intensity

	Intensity factor			CO_2e	
	CO_2 MTons/MWH[1]	CH_4 MTons/MWH[2]	N_2O MTons/MWH[2]	MTons/MWh	lbs/MWH
2011	0.178	0.000013	0.000003	0.179	395.5

Source 1: Year 2011 CO_2 Intensity=0.393 lbs/kWh. Pacific Gas & Electric, Community Wide GHG Inventory Report for City of Clovis.

Source 2: CH_4 intensity factor=28.94 lb/GWh; N_20 intensity factor=6.17 lb/GWh. United States Environmental Protection Agency. eGRID2012 Version 1.0 Year 2009 GHG Annual Emission Rates. http://www.epa.gov/cleanenergy/documents/egridzips/eGRID2012V1_0_year09_GHGOutputrates.pdf

Water and Wastewater

2005 Carbon Intensity

	2005	2010	CO_2e	
Assumed Percent Renewable	12.1%	17.7%	MTons/MWh	lbs/MWH
CO_2e MTons/Mwh	0.190	0.178	0.190	419.8
Carbon Intensity Without RPS	0.213			

Based on the PG&E RPS in 2010.

Source: California Public Utilities Commission (CPUC). California RPS Procurement Summary 2003-2010. http://www.cpuc.ca.gov/PUC/energy/Renewables/index.htm

ABAU Carbon Intensity

	2011	2020	CO_2e	
Assumed Percent Renewable*	17.7%	33%	MTons/MWh	lbs/MWH
CO_2e MTons/Mwh	0.178	0.141	0.142	312.4
Carbon Intensity Without RPS	0.210			

Source: California Public Utilities Commission (CPUC). California RPS Procurement Summary 2003-2010. http://www.cpuc.ca.gov/PUC/energy/Renewables/index.htm

GHG Emissions from Energy Associated with Water/Wastewater

Energy Associated with Water Use	2012	2035 ABAU	2035 BAU	P-2035 ABAU	P-2035 BAU
	MwH/Year				
Water	120,578	191,545	191,545	284,892	284,892
Wastewater	7,779	13,755	13,755	21,077	21,077
Total Water/Wastewater	128,357	205,300	205,300	305,970	305,970

2012, 2035, and P-2035.

GHG Emissions from Energy Associated with Water Use/Wastewater Generation	2012	2035 ABAU	2035 BAU	P-2035 ABAU	P-2035 BAU
	$MTCO_2e$/Year				
Water	21,632	27,144	36,477	40,372	54,253
Wastewater	1,396	1,949	2,619	2,987	4,014
Total Water/Wastewater	23,028	29,093	39,096	43,359	58,267

Total GHGs

GHG Emissions from Water/Wastewater Use	2012	2035 ABAU	2035 BAU	P-2035 ABAU	P-2035 BAU
	$MTCO_2e$/Year				
Water	21,632	27,144	36,477	40,372	54,253
Wastewater	2,017	3,047	3,717	4,669	5,696
Total Water/Wastewater	23,649	30,191	40,194	45,041	59,949

General Conversion Factors

	Global Warming Potentials (GWP)
CO_2	1
CH_4	21
N_2O	310

Source: Intergovernmental Panel on Climate Change (IPCC). 2001. Third Assessment Report: Climate Change 2011.

gallons to Liters	3.785
killowatt hrs to megawatt hrs	0.001
gallons to AF	325851.4290

CalRecycle Disposal By Facility - City of Clovis (Disposal Reporting System)

Waste Generated Within City Limits

Year	Interstate Tons + Transform Tons	ADC+AIC
2012	60,131	0
2011	60,354	0
2010	71,202	0
Average 2012-2010	63,896	0

Average 3-year disposal used to forecast waste disposal in 2020, 2035, and Post-2035

Source: CalRecycle, 2013, Disposal Reporting System, Jurisdiction Reporting by Facility, http://www.calrecycle.ca.gov/LGCentral/Reports/DRS/Destination/JurDspFa.aspx

Waste Generated in the Sphere of Influence and Planning Areas Beyond SOI and City Boundaries

Area	Population	Employment	Total Service Population
City fo Clovis	98,881	29,331	128,212
SOI	5,942	497	6,439
Outside Planning Area	8,915	659	9,574

Waste Rate

Waste/Service Population: 0.498362088

Waste Generation

SOI:	3,209	tons
Outside Planning Area:	4,771	tons
subtotal	7,980	

TOTAL WASTE GENERATED (City, SOI, & Outside Planning Areas): 71,876 tons

Landfill Emission Tool (version 1.3) Model Results

	CH_4 Tons 2012 Disposal	CH_4 Tons 2035 Disposal	CH_4 Tons P-2035 Disposal	CO_2e $MTCO_2e$ w/LFG Capture 2012 Disposal	CO_2e $MTCO_2e$ w/LFG Capture 2035 Disposal	CO_2e $MTCO_2e$ w/LFG Capture P-2035 Disposal
2012	609	1,051	1,620	8,706	20,028	30,859
2013	1,203	2,075	3,197	22,910	39,527	60,902
2014	1,179	2,034	3,134	22,457	38,745	59,696
2015	1,155	1,993	3,071	22,012	37,977	58,514
2016	1,133	1,954	3,011	21,576	37,225	57,356
2017	1,110	1,915	2,951	21,149	36,488	56,220
2018	1,088	1,877	2,893	20,730	35,766	55,107
2019	1,067	1,840	2,835	20,320	35,058	54,016
2020	1,045	1,804	2,779	19,917	34,363	52,946

Waste. Landfill Emissions Tool Version 1.3 and CalRecycle. Biogenic CO_2 emissions are not included.

Notes

LFG capture Efficiency	0.75	CH_4 GWP	21	Tons to metric Tons	0.9071847

Waste generation based on three year average (2010-2012) waste commitment for the City of Clovis obtained from CalRecycle.

Significant CH_4 production typically begins one or two years after waste disposal in a landfill and continues for 10 to 60 years or longer. Consequently, the highest CH_4 emissions from waste disposal in a given year are reported.

Decomposition based on an average annual rainfall of 10.89 inches per year average (anaerobic decomposition factor (k) of 0.02) (WRCC 2014).

The Landfill Gas Estimator only includes the landfill gas (LFG) capture in the landfill gas heat output and therefore the reduction and emissions from landfill gas capture are calculated separately. Assumes 75 percent of fugitive GHG emissions are captured within the landfill's Landfill Gas Capture System with a landfill gas capture efficiency of 75%. The Landfill gas capture efficiency is based on the California Air Resources Board's (CARB) Local Government Operations Protocol (LGOP), Version 1.1.

Biogenic CO_2 emissions are not included.

California Air Resources Board's Implementation of IPCC's Mathematically Exact First-Order Decay Model

Release date: November 14, 2011

This tool is designed to estimate greenhouse gas emissions from a landfill in support of the Local Government Operations Protocol.

Please follow these steps to estimate emissions:

1) Read the ***Methodology*** page to become familiar with the equations and the assumptions underlying the calculations.

2) Enter the landfill specific data on the ***Landfill Model Inputs*** page. **This is the only page where data needs to be added or modified.**

Data Type	Field or Column Name	Description
Landfill Specific Data	k Value	Decay factor (see ***Methodology*** page).
	State/Country	State or country where the landfill is located. Will determine the waste characterization data used.
Waste Deposit Data	Year	Year of the data entry values.
	Waste Deposited (Tons)	Amount of waste deposited in that year.
	Waste Deposited (% ANDOC)	Percent of the waste that is degradable, based on waste characterization data.
	Greenwaste & Compost - Daily Cover (Tons)	Amount of daily cover materials of the given type used in that year.
	Greenwaste & Compost - Daily Cover (% ANDOC)	Percent of the daily cover that is degradable, based on waste characterization data.
	Sludge - Daily Cover (Tons)	Amount of daily cover materials of the given type used in that year.
	Sludge - Daily Cover (% ANDOC)	Percent of the daily cover that is degradable, based on waste characterization data.
Note: Required data fields on the **Landfill Model Inputs** page are highlighted in rose		

The rose colored field names indicate which fields require data entry, all others have defaults that will be used in the calculations.

3) If you wish to overwrite the default % ANDOC value with your own value, you can use the calculator on the ***Landfill Specific ANDOC Values*** page (the last page in this tool) and then type your calculated landfill specific value over the default ANDOC% value.

4) Estimates of the emissions reflecting the current inputs are listed on the ***Landfill Emissions Output*** page and estimates of captured gas heat are available on the ***Landfill Gas Heat Output*** page.

Data Input: Lanfill Characteristics

Landfill Name: Clovis Landfill (Varic
State/Country: CA
City/County: Fresno County

Year Opened:
If Closed, Year:

Click for lists of k values
k Value: 0.020
M Value:

Data Input: Waste Deposit History

Year	Waste			Daily Cover			
	Waste Deposited			Greenwaste & Compost		Sludge	
	Tons	% ANDOC		Tons	% ANDOC	Tons	% ANDOC
1900							
1901							
1902							
1903							
1904							
1905							
1906							
1907							
1908							
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1910							
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1951							

Data Input: Lanfill Characteristics

Landfill Name:	Clovis Landfill (Varic	**Year Opened:**		Click for lists of k values	
State/Country:	CA	**If Closed, Year:**		**k Value:**	0.020
City/County:	Fresno County			**M Value:**	

Data Input: Waste Deposit History

	Waste			Daily Cover			
	Waste Deposited			Greenwaste & Compost		Sludge	
Year	Tons	% ANDOC		Tons	% ANDOC	Tons	% ANDOC
1952							
1953							
1954							
1955							
1956							
1957							
1958							
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2003							

Data Input: Lanfill Characteristics

Landfill Name:	Clovis Landfill (Varic	**Year Opened:**		Click for lists of k values	
State/Country:	CA	**If Closed, Year:**		**k Value:**	0.020
City/County:	Fresno County			**M Value:**	

Data Input: Waste Deposit History

	Waste			Daily Cover			
	Waste Deposited			Greenwaste & Compost		Sludge	
Year	Tons	% ANDOC		Tons	% ANDOC	Tons	% ANDOC
2004							
2005							
2006							
2007							
2008							
2009							
2010							
2011							
2012	63,896	7.52%			6.24%		
2013							
2014							
2015							
2016							
2017							
2018							
2019							
2020							

Model Output: Lanfill Characteristics

Landfill Name: Clovis Landfill
State: CA
City/County: Fresno County
Year Opened:
If Closed, Year:
k Value: 0.020
M Value: 6

Model Output: Methane and Carbon Dioxide Emissions (metric tonnes of CO_2 equivalent)

Year	CH_4	CO_2
1900		
1901		
1902		
1903		
1904		
1905		
1906		
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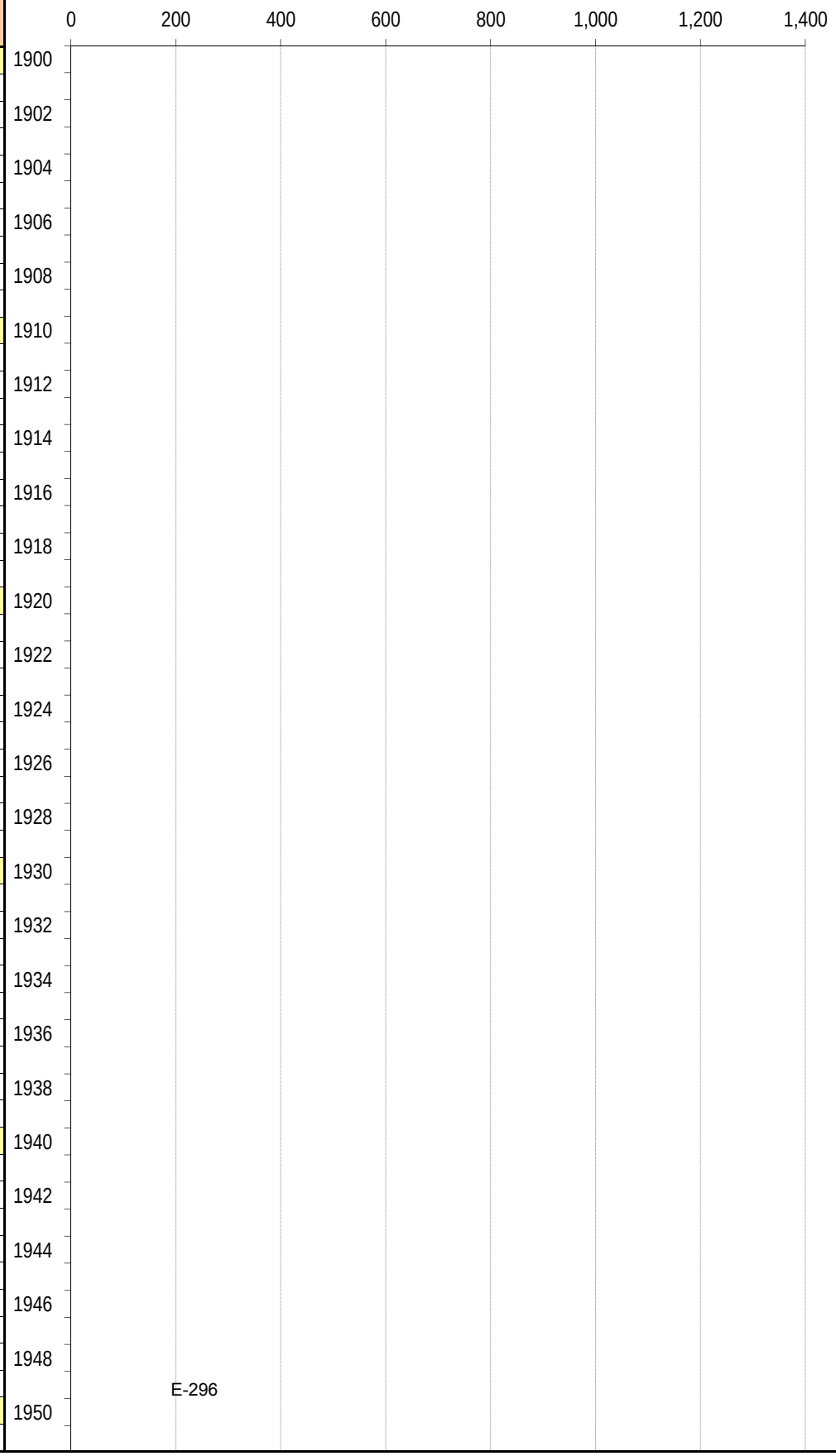

Model Output: Lanfill Characteristics

Landfill Name: Clovis Landfill
State: CA
City/County: Fresno County
Year Opened:
If Closed, Year:
k Value: 0.020
M Value: 6

Model Output: Methane and Carbon Dioxide Emissions (metric tonnes of CO_2 equivalent)

Year	CH_4	CO_2
1952		
1953		
1954		
1955		
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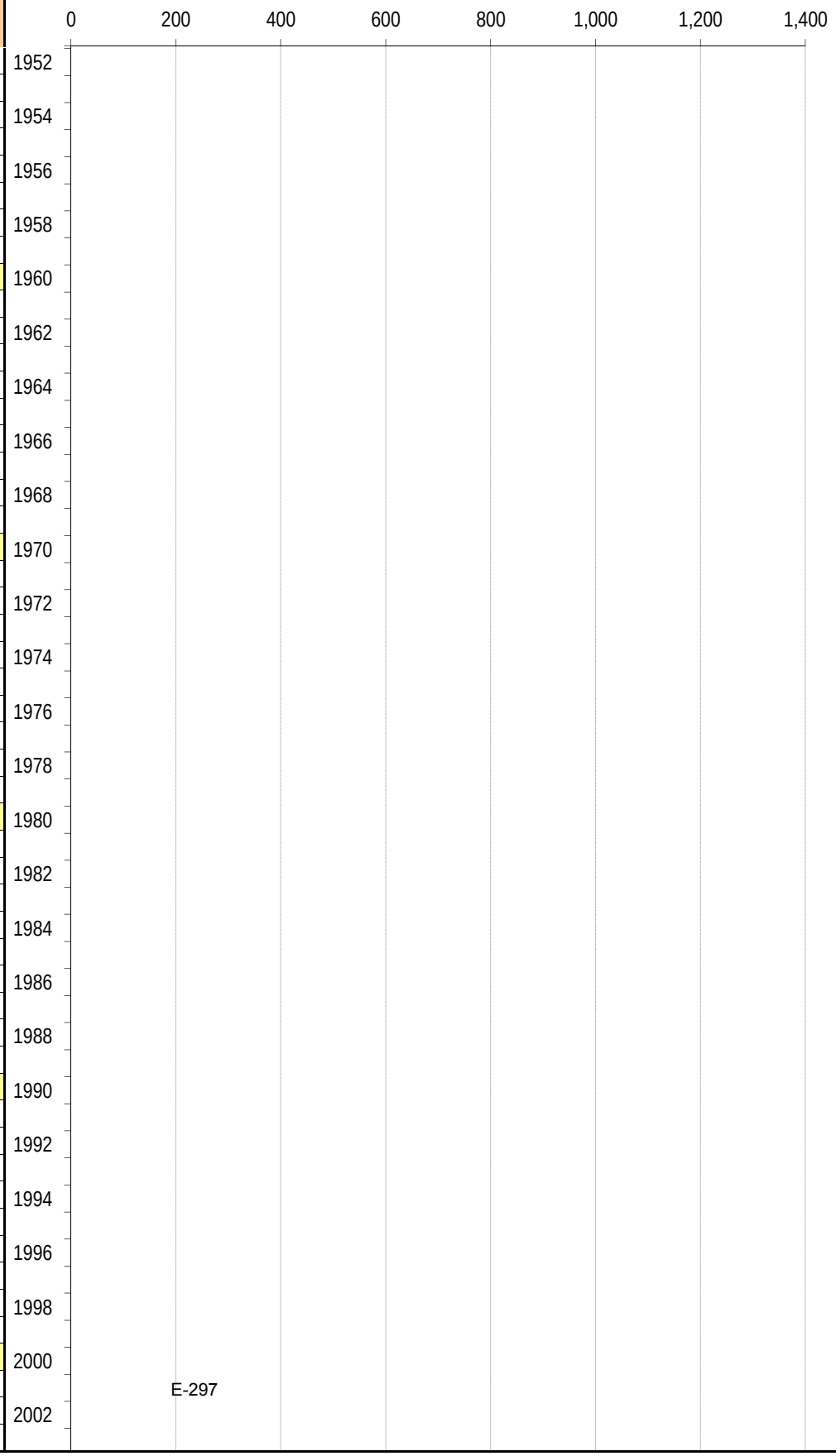
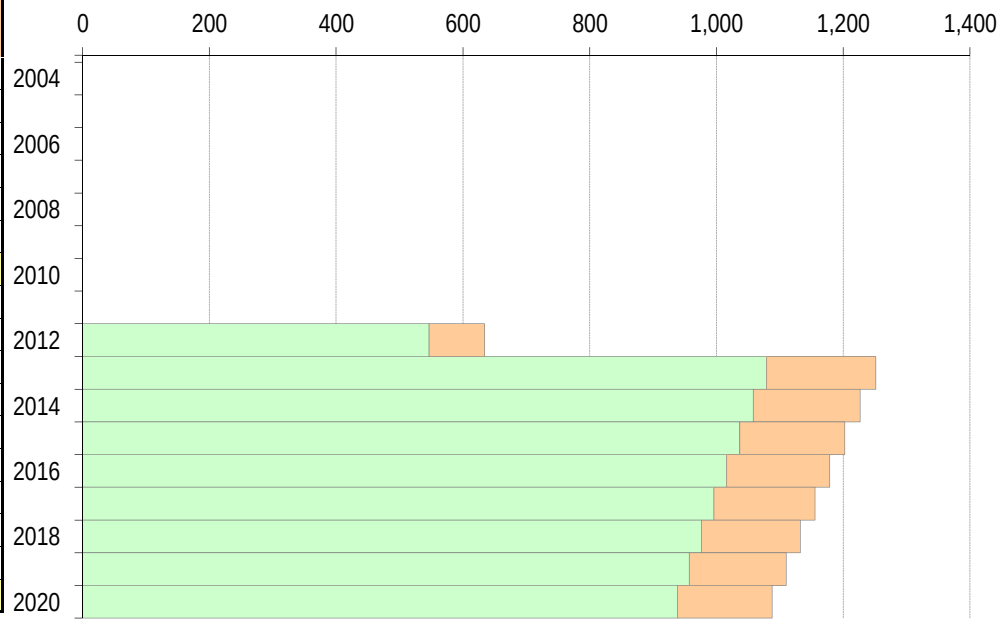


Model Output: Lanfill Characteristics

Landfill Name: Clovis Landfill
State: CA
City/County: Fresno County
Year Opened:
If Closed, Year:
k Value: 0.020
M Value: 6

Model Output: Methane and Carbon Dioxide Emissions (metric tonnes of CO_2 equivalent)

Year	CH_4	CO_2
2004		
2005		
2006		
2007		
2008		
2009		
2010		
2011		
2012	547	87
2013	1,079	172
2014	1,058	169
2015	1,037	166
2016	1,016	162
2017	996	159
2018	976	156
2019	957	153
2020	938	150



Model Output: Lanfill Characteristics

Landfill Name: Clovis Landfill
State: CA
City/County: Fresno County
Year Opened:
If Closed, Year:
k Value: 0.020
M Value: 6

Model Output: Landfill Gas Captured and Captured Gas Heat (graph values in MMbtu/hr)

Year	Landfill Gas Captured (scf/min)	Captured Gas Heat (MMbtu/hr)
1900		
1901		
1902		
1903		
1904		
1905		
1906		
1907		
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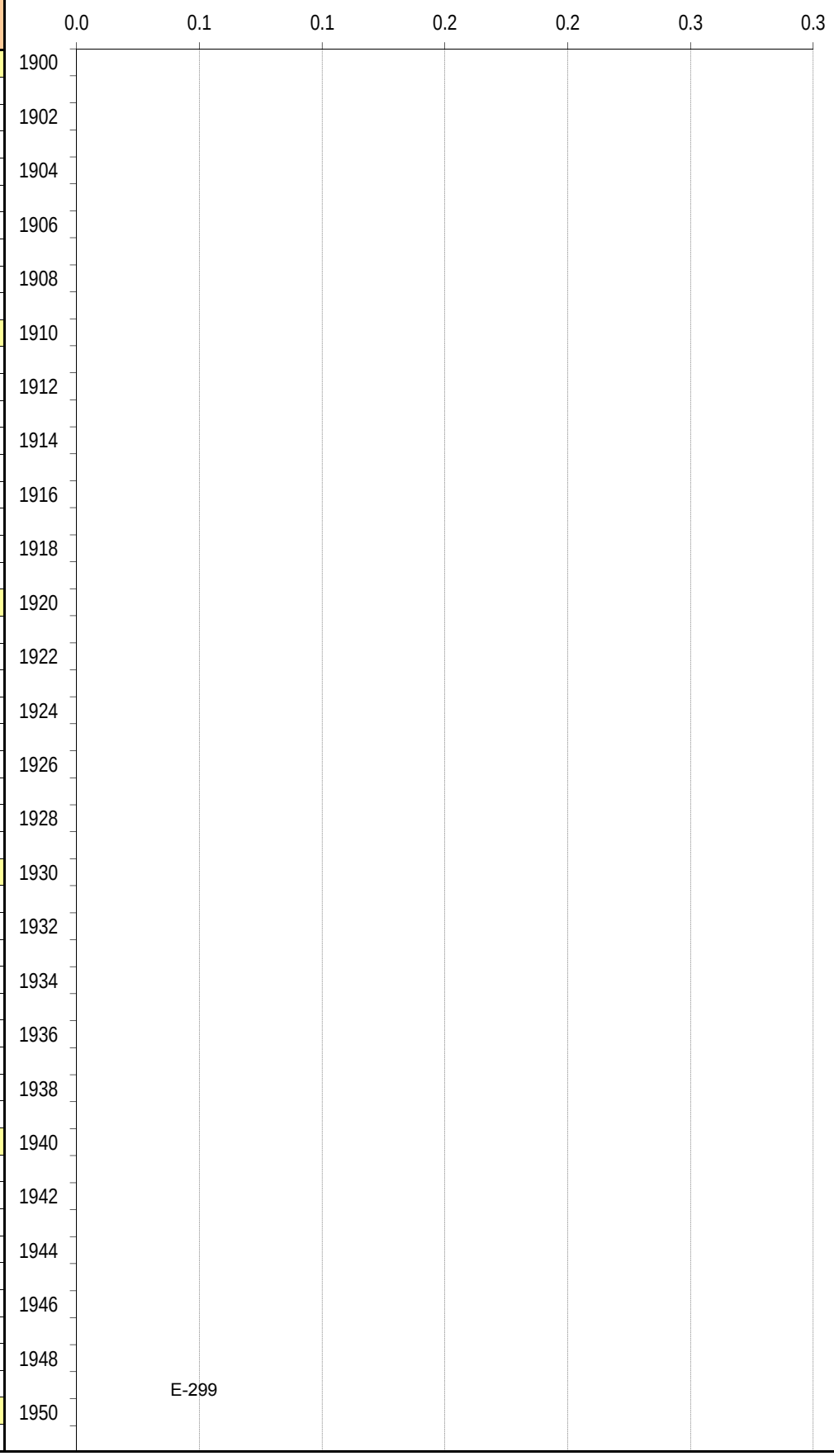

Model Output: Lanfill Characteristics

Landfill Name: Clovis Landfill
State: CA
City/County: Fresno County
Year Opened:
If Closed, Year:
k Value: 0.020
M Value: 6

Model Output: Landfill Gas Captured and Captured Gas Heat (graph values in MMbtu/hr)

Year	Landfill Gas Captured (scf/min)	Captured Gas Heat (MMbtu/hr)
1952		
1953		
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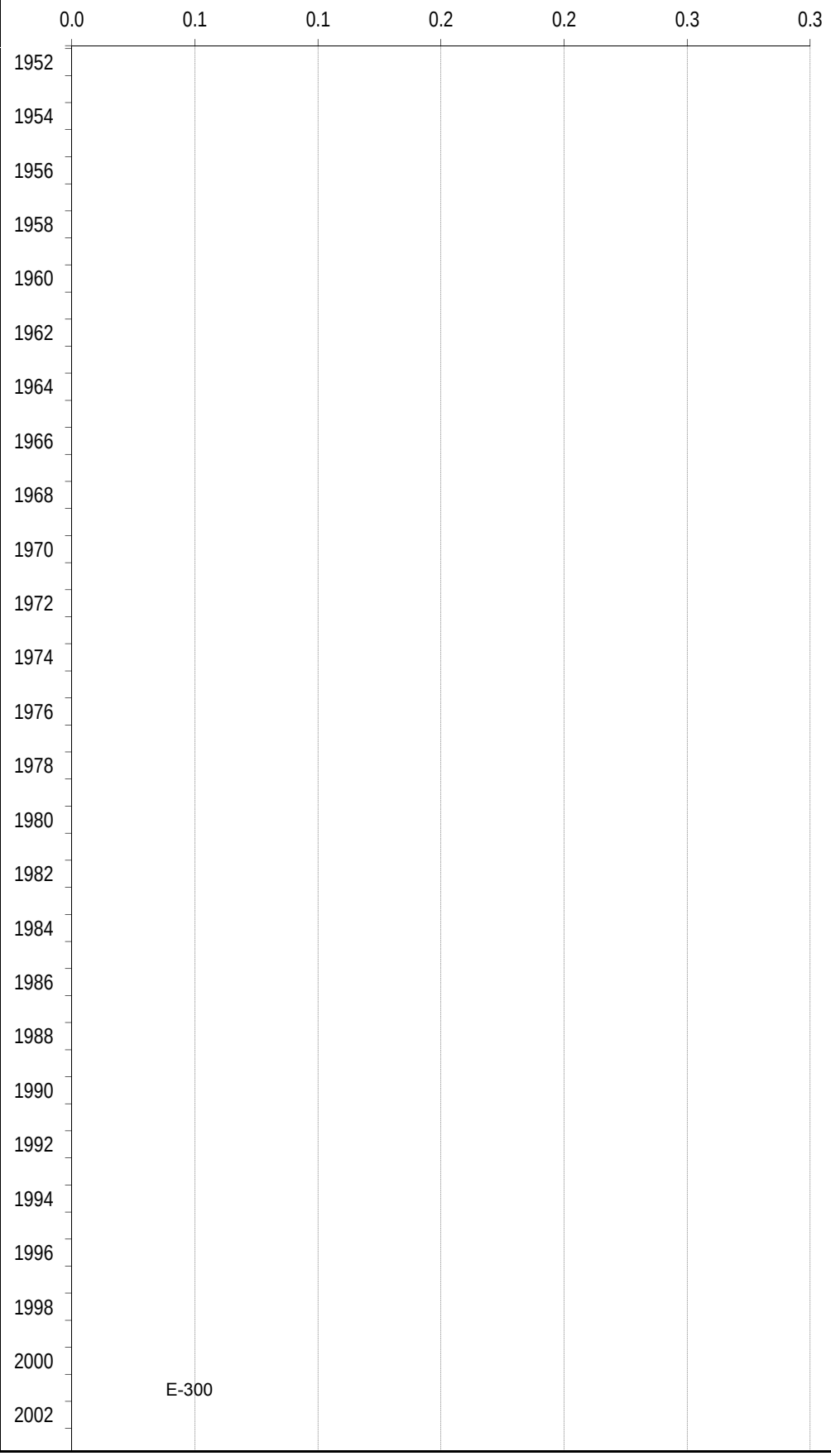
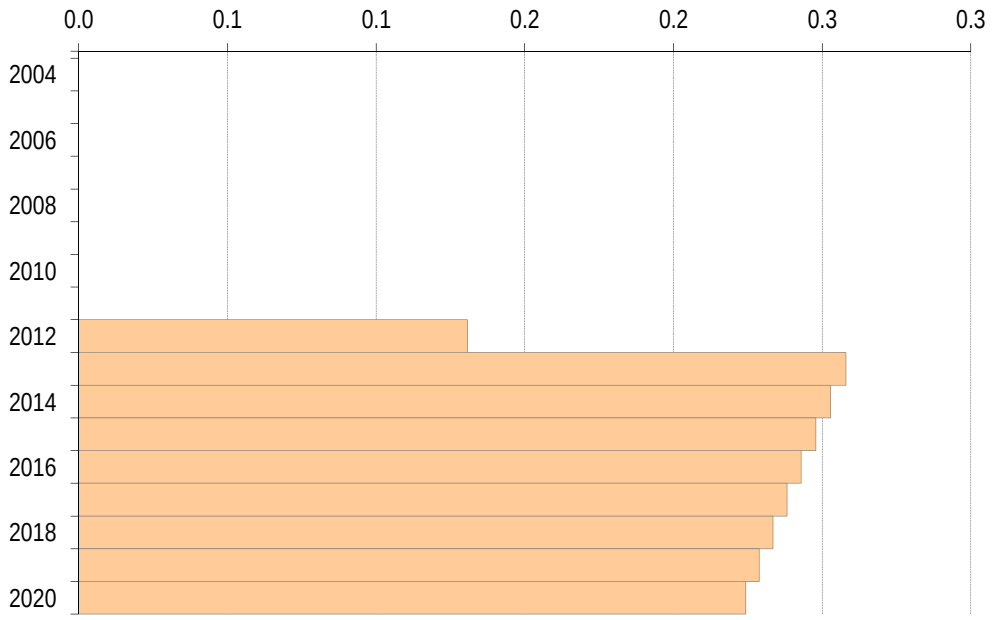


Model Output: Lanfill Characteristics

Landfill Name: Clovis Landfill
State: CA
City/County: Fresno County
Year Opened:
If Closed, Year:
k Value: 0.020
M Value: 6

Model Output: Landfill Gas Captured and Captured Gas Heat (graph values in MMbtu/hr)

Year	Landfill Gas Captured (scf/min)	Captured Gas Heat (MMbtu/hr)
2004		
2005		
2006		
2007		
2008		
2009		
2010		
2011		
2012	4	0.1
2013	8	0.3
2014	8	0.3
2015	8	0.2
2016	8	0.2
2017	8	0.2
2018	8	0.2
2019	8	0.2
2020	7	0.2



Landfill Methane Emissions Estimation Methodology

The calculations made by this tool are based on:

1) The following equations from IPCC's Mathematically Exact First-Order Decay Model, see section 3A1.6.3 of the 2006 IPCC Guidelines available online at: http://www.ipcc-nggip.iges.or.jp/public/2006gl/pdf/5_Volume5/V5_3_Ch3_SWDS.pdf

ANDOC% = Σ $WIPFRAC_i$ x $TDOC_i$ x $DANF_i$	
ANDOC%	Percent of the waste that is degradable
$WIPFRAC_i$	Fraction of the ith component in the Waste-in-Place (WIP)
$TDOC_i$	Total Degradable Organic Carbon fraction of the ith waste component (Mg of that component/Mg of Total WIP)
$DANF_i$	Decomposable Anaerobic Fraction of the ith waste component. That is, the fraction capable of decomposition in anaerobic conditions (Mg of decomposable carbon for that component/Mg TDOCi for that component)

ANDOC = WIP (Tons) x 0.9072 (Mg/Ton) x **ANDOC%**	
ANDOC	Anaerobically Degradable Organic Carbon, carbon that is capable of decomposition in an anaerobic environment (Mg of carbon)
WIP	Waste-in-Place estimate of all the landfilled waste (wet weight) as reported to the CIWMB (Tons)

$$\mathbf{ANDOC_{year\text{-}end}} = \mathbf{ANDOC_{year\text{-}start}} \times e^{-[k]} + \mathbf{ANDOC_{deposited\text{-}last\ year}} \times [1/k \times (e^{-[k \times (1-M/12)]} - e^{-[k]}) - (M/12) \times e^{-[k]}] + \mathbf{ANDOC_{deposited\text{-}same\ year}} \times [(1/k) \times (1-e^{-[k \times (1-M/12)]}) + (M/12)]$$

$ANDOC_{year\text{-}end}$	ANDOC remaining undecomposed at the end of the inventory year in question
$ANDOC_{year\text{-}start}$	ANDOC in place at the beginning of the inventory year in question
$ANDOC_{deposited\text{-}last\ year}$	ANDOC deposited during the previous inventory year
$ANDOC_{deposited\text{-}same\ year}$	ANDOC deposited during the inventory year in question
M	Assumed delay before newly deposited waste begins to undergo anaerobic decomposition (Months, Default=6)
k	Assumed rate constant for anaerobic decomposition; k = ln2/half-life (years); half-life is the number of years required for half of the original mass of carbon to degrade

$$\mathbf{CH_4\ Generation} = \{\mathbf{ANDOC_{year\text{-}start}} \times [1-e^{-[k]}] - \mathbf{ANDOC_{deposited\text{-}last\ year}} \times [1/k \times (e^{-[k \times (1-M/12)]} - e^{-[k]}) - (M/12) \times e^{-[k]}] + \mathbf{ANDOC_{deposited\text{-}same\ year}} \times [1-((1/k) \times (1-e^{-[k \times (1-M/12)]}) + (M/12))]\} \times \mathbf{FCH_4} \times 16/12$$

CH_4 *Generation*	CH_4 generated in the inventory year in question (Mg of CH_4)
FCH_4	Fraction of decomposing carbon converted into CH_4 (Default = 0.5)

CH_4 Emitted = CH_4 Generation x (1-**OX**)	
CH_4 *Emitted*	CH_4 emitted to the atmosphere in the inventory year in question (Mg of CH_4)
OX	Fraction of escaping CH_4 that is oxidized to CO_2 in the cover soil (Default = 0.1)

2) Using an iterative approach (where the $ANDOC_{year\text{-}start}$ for the next inventory year equals the the $ANDOC_{year\text{-}end}$ of the previous inventory year), starting with the landfill's opening year and working through each subsequent years to arrive at the year for which an estimate is desired.

3) Choosing the rate of anaerobic decomposition (k). For the US and Mexico, select one of the following k values from EPA depending on the local average rainfall:

Average Rainfall (Inches/Year)		
<20	20-40	>40
k = 0.02	k = 0.038	k = 0.057

Where to input k values

For Canada, select the k value that corresponds to the province/territory :

Province/Territories	k
Alberta	0.012
British Columbia	0.082
Manitoba	0.019
New Brunswick	0.062
Newfoundland & Labrador	0.078
Nova Scotia	0.077
Northwest Territories	0.005
Nunavut	0.005
Ontario	0.045
Prince Edward Island	0.060
Quebec	0.056
Sakatchewan	0.010
Yukon	0.001

4) Using IPCC default value for the percent of methane oxidized while passing through the landfill to atmosphere:

Percent oxidation: 10%

Note: *Items 5 & 6 below only pertain when using this tool to assist in compliance with the Early Action Landfill Rule, and only affect the results shown in the Landfill Gas Heat Output page.*

5) Using EPA default value for the percent of methane captured by a landfill gas collection system:

Percent collection: 75%

6) Using EPA value for heat content of methane:

Methane heat content: 1,012 btu/scf

Percent of Anaerobically Degradable Carbon (ANDOC%): Default Values Used for California

For documentation on these values, see the ARB's Local Government Operations Protocol, available online at:
http://www.arb.ca.gov/cc/protocols/localgov/pubs/pubs.htm

Table 1: EPA 1960 Waste Characterization Study (Applies for waste deposited up to 1964)

Waste Type	WIPFRAC	TDOC	DANF	%ANDOC
Newspaper	6.40%	47.09%	15.05%	0.45%
Office Paper	10.70%	38.54%	87.03%	3.59%
Corrugated Boxes	10.80%	44.84%	44.25%	2.14%
Coated Paper	2.20%	33.03%	24.31%	0.18%
Food	14.80%	14.83%	86.52%	1.90%
Grass	12.10%	13.30%	47.36%	0.76%
Leaves	6.05%	29.13%	7.30%	0.13%
Branches	6.05%	44.24%	23.14%	0.62%
Lumber	3.70%	43.00%	23.26%	0.37%
Textiles	2.10%	24.00%	50.00%	0.25%
Diapers	0.05%	24.00%	50.00%	0.01%
Construction/Demolition	2.60%	4.00%	50.00%	0.05%
Medical Waste	0.00%	15.00%	50.00%	0.00%
Sludge/Manure	0.00%	5.00%	50.00%	0.00%
MSW Total				**10.45%**

Table 2: EPA 1970 Waste Characterization Study (Applies for waste deposited from 1965 to 1974)

Waste Type	WIPFRAC	TDOC	DANF	%ANDOC
Newspaper	6.40%	47.09%	15.05%	0.45%
Office Paper	11.30%	38.54%	87.03%	3.79%
Corrugated Boxes	13.50%	44.84%	44.25%	2.68%
Coated Paper	2.00%	33.03%	24.31%	0.16%
Food	11.30%	14.83%	86.52%	1.45%
Grass	10.25%	13.30%	47.36%	0.65%
Leaves	5.13%	29.13%	7.30%	0.11%
Branches	5.13%	44.24%	23.14%	0.52%
Lumber	3.30%	43.00%	23.26%	0.33%
Textiles	1.80%	24.00%	50.00%	0.22%
Diapers	0.30%	24.00%	50.00%	0.04%
Construction/Demolition	2.50%	4.00%	50.00%	0.05%
Medical Waste	0.00%	15.00%	50.00%	0.00%
Sludge/Manure	0.00%	5.00%	50.00%	0.00%
MSW Total				**10.44%**

Table 3: EPA 1980 Waste Characterization Study (Applies for waste deposited from 1975 to 1984)

Waste Type	WIPFRAC	TDOC	DANF	%ANDOC
Newspaper	5.90%	47.09%	15.05%	0.42%
Office Paper	12.00%	38.54%	87.03%	4.02%
Corrugated Boxes	11.50%	44.84%	44.25%	2.28%
Coated Paper	2.40%	33.03%	24.31%	0.19%
Food	9.50%	14.83%	86.52%	1.22%
Grass	10.05%	13.30%	47.36%	0.63%
Leaves	5.03%	29.13%	7.30%	0.11%
Branches	5.03%	44.24%	23.14%	0.51%
Lumber	5.10%	43.00%	23.26%	0.51%
Textiles	1.70%	24.00%	50.00%	0.20%
Diapers	1.40%	24.00%	50.00%	0.17%
Construction/Demolition	3.50%	4.00%	50.00%	0.07%
Medical Waste	0.00%	15.00%	50.00%	0.00%
Sludge/Manure	0.00%	5.00%	50.00%	0.00%
MSW Total				**10.34%**

Table 4: EPA 1990 Waste Characterization Study (Applies for waste deposited from 1985 to 1992)

Waste Type	WIPFRAC	TDOC	DANF	%ANDOC
Newspaper	4.80%	47.09%	15.05%	0.34%
Office Paper	13.10%	38.54%	87.03%	4.39%
Corrugated Boxes	10.50%	44.84%	44.25%	2.08%
Coated Paper	2.10%	33.03%	24.31%	0.17%
Food	12.10%	14.83%	86.52%	1.55%
Grass	8.95%	13.30%	47.36%	0.56%
Leaves	4.48%	29.13%	7.30%	0.10%
Branches	4.48%	44.24%	23.14%	0.46%
Lumber	7.00%	43.00%	23.26%	0.70%
Textiles	3.30%	24.00%	50.00%	0.40%
Diapers	1.60%	24.00%	50.00%	0.19%
Construction/Demolition	3.90%	4.00%	50.00%	0.08%
Medical Waste	0.00%	15.00%	50.00%	0.00%
Sludge/Manure	0.00%	5.00%	50.00%	0.00%
MSW Total				**11.02%**

Table 5: EPA 1995 Waste Characterization Study (Applies for waste deposited from 1993 to 1995)

Waste Type	WIPFRAC	TDOC	DANF	%ANDOC
Newspaper	3.90%	47.09%	15.05%	0.28%
Office Paper	15.00%	38.54%	87.03%	5.03%
Corrugated Boxes	10.30%	44.84%	44.25%	2.04%
Coated Paper	1.80%	33.03%	24.31%	0.14%
Food	13.40%	14.83%	86.52%	1.72%
Grass	6.55%	13.30%	47.36%	0.41%
Leaves	3.28%	29.13%	7.30%	0.07%
Branches	3.28%	44.24%	23.14%	0.34%
Lumber	7.30%	43.00%	23.26%	0.73%
Textiles	4.50%	24.00%	50.00%	0.54%
Diapers	1.90%	24.00%	50.00%	0.23%
Construction/Demolition	4.50%	4.00%	50.00%	0.09%
Medical Waste	0.00%	15.00%	50.00%	0.00%
Sludge/Manure	0.00%	5.00%	50.00%	0.00%
MSW Total				**11.62%**

Table 6: CIWMB 1999 Waste Characterization Study (Applies for waste deposited from 1996 to 2002)

Waste Type	WIPFRAC	TDOC	DANF	%ANDOC
Newspaper	4.28%	47.09%	15.05%	0.30%
Office Paper	4.44%	38.54%	87.03%	1.49%
Corrugated Boxes	4.59%	44.84%	44.25%	0.91%
Coated Paper	16.92%	33.03%	24.31%	1.36%
Food	15.72%	14.83%	86.52%	2.02%
Grass	5.27%	13.30%	47.36%	0.33%
Leaves	2.63%	29.13%	7.30%	0.06%
Branches	2.37%	44.24%	23.14%	0.24%
Lumber	4.91%	43.00%	23.26%	0.49%
Textiles	2.11%	24.00%	50.00%	0.25%
Diapers	6.91%	24.00%	50.00%	0.83%
Construction/Demolition	6.65%	4.00%	50.00%	0.13%
Medical Waste	0.02%	15.00%	50.00%	0.00%
Sludge/Manure	0.14%	5.00%	50.00%	0.00%
MSW Total				**8.42%**

Table 7: CIWMB 2004 Waste Characterization Study (Applies for waste deposited from 2003 to 2006)

Waste Type	WIPFRAC	TDOC	DANF	%ANDOC
Newspaper	2.20%	47.09%	15.05%	0.16%
Office Paper	1.95%	38.54%	87.03%	0.65%
Corrugated Boxes	5.75%	44.84%	44.25%	1.14%
Coated Paper	11.09%	33.03%	24.31%	0.89%
Food	14.55%	14.83%	86.52%	1.87%
Grass	2.81%	13.30%	47.36%	0.18%
Leaves	1.41%	29.13%	7.30%	0.03%
Branches	2.59%	44.24%	23.14%	0.26%
Lumber	9.65%	43.00%	23.26%	0.96%
Textiles	4.44%	24.00%	50.00%	0.53%

Diapers	4.36%	24.00%	50.00%	0.52%
Construction/Demolition	12.06%	4.00%	50.00%	0.24%
Medical Waste	0.04%	15.00%	50.00%	0.00%
Sludge/Manure	0.09%	5.00%	50.00%	0.00%
MSW Total				**7.45%**

Table 8: CIWMB 2008 Waste Characterization Study (Applies for waste deposited from 2007 to the present)

Waste Type	WIPFRAC	TDOC	DANF	%ANDOC
Newspaper	1.65%	47.09%	15.05%	0.12%
Office Paper	1.84%	38.54%	87.03%	0.62%
Corrugated Boxes	4.80%	44.84%	44.25%	0.95%
Coated Paper	8.98%	33.03%	24.31%	0.72%
Food	15.50%	14.83%	86.52%	1.99%
Grass	1.90%	13.30%	47.36%	0.12%
Leaves	3.24%	29.13%	7.30%	0.07%
Branches	1.95%	44.24%	23.14%	0.20%
Lumber	14.51%	43.00%	23.26%	1.45%
Textiles	5.47%	24.00%	50.00%	0.66%
Diapers	4.33%	24.00%	50.00%	0.52%
Construction/Demolition	5.48%	4.00%	50.00%	0.11%
Medical Waste	0.00%	15.00%	50.00%	0.00%
Sludge/Manure	0.05%	5.00%	50.00%	0.00%
MSW Total				**7.52%**

Percent of Anaerobically Degradable Carbon (ANDOC%): Default Values Used for Canada and Mexico

For documentation on these values, see the ARB's Local Government Operations Protocol, available online at:
http://www.arb.ca.gov/cc/protocols/localgov/pubs/pubs.htm

Table 18: IPCC 2006 Waste Characterization Defaults - Central America (Applies for all years of waste deposited)

Waste Type	WIPFRAC	TDOC	DANF	%ANDOC
Newspaper	1.64%	47.09%	15.05%	0.12%
Office Paper	6.30%	38.54%	87.03%	2.11%
Corrugated Boxes	4.93%	44.84%	44.25%	0.98%
Coated Paper	0.82%	33.03%	24.31%	0.07%
Food	43.80%	14.83%	86.52%	5.62%
Grass	0.00%	13.30%	47.36%	0.00%
Leaves	0.00%	29.13%	7.30%	0.00%
Branches	0.00%	44.24%	23.14%	0.00%
Lumber	13.50%	43.00%	23.26%	1.35%
Textiles	4.40%	24.00%	50.00%	0.53%
Diapers	0.00%	24.00%	50.00%	0.00%
Construction/Demolition	0.00%	4.00%	50.00%	0.00%
Medical Waste	0.00%	15.00%	50.00%	0.00%
Sludge/Manure	0.00%	5.00%	50.00%	0.00%
MSW Total				**10.77%**

Table 19: IPCC 2006 Waste Characterization Defaults - North America (Applies for all years of waste deposited)

Waste Type	WIPFRAC	TDOC	DANF	%ANDOC
Newspaper	2.78%	47.09%	15.05%	0.20%
Office Paper	10.67%	38.54%	87.03%	3.58%
Corrugated Boxes	8.35%	44.84%	44.25%	1.66%
Coated Paper	1.39%	33.03%	24.31%	0.11%
Food	33.90%	14.83%	86.52%	4.35%
Grass	0.00%	13.30%	47.36%	0.00%
Leaves	0.00%	29.13%	7.30%	0.00%
Branches	0.00%	44.24%	23.14%	0.00%
Lumber	6.20%	43.00%	23.26%	0.62%
Textiles	5.30%	24.00%	50.00%	0.64%
Diapers	0.00%	24.00%	50.00%	0.00%
Construction/Demolition	0.00%	4.00%	50.00%	0.00%
Medical Waste	0.00%	15.00%	50.00%	0.00%
Sludge/Manure	0.00%	5.00%	50.00%	0.00%
MSW Total				**11.15%**

Percent of Anaerobically Degradable Carbon (ANDOC%): Default Values Used for United States (other than California)

For documentation on these values, see the ARB's Local Government Operations Protocol, available online at:
http://www.arb.ca.gov/cc/protocols/localgov/pubs/pubs.htm

Table 1: EPA 1960 Waste Characterization Study (Applies for waste deposited up to 1964)

Waste Type	WIPFRAC	TDOC	DANF	%ANDOC
Newspaper	6.40%	47.09%	15.05%	0.45%
Office Paper	10.70%	38.54%	87.03%	3.59%
Corrugated Boxes	10.80%	44.84%	44.25%	2.14%
Coated Paper	2.20%	33.03%	24.31%	0.18%
Food	14.80%	14.83%	86.52%	1.90%
Grass	12.10%	13.30%	47.36%	0.76%
Leaves	6.05%	29.13%	7.30%	0.13%
Branches	6.05%	44.24%	23.14%	0.62%
Lumber	3.70%	43.00%	23.26%	0.37%
Textiles	2.10%	24.00%	50.00%	0.25%
Diapers	0.05%	24.00%	50.00%	0.01%
Construction/Demolition	2.60%	4.00%	50.00%	0.05%
Medical Waste	0.00%	15.00%	50.00%	0.00%
Sludge/Manure	0.00%	5.00%	50.00%	0.00%
MSW Total				**10.45%**

Table 2: EPA 1970 Waste Characterization Study (Applies for waste deposited from 1965 to 1974)

Waste Type	WIPFRAC	TDOC	DANF	%ANDOC
Newspaper	6.40%	47.09%	15.05%	0.45%
Office Paper	11.30%	38.54%	87.03%	3.79%
Corrugated Boxes	13.50%	44.84%	44.25%	2.68%
Coated Paper	2.00%	33.03%	24.31%	0.16%
Food	11.30%	14.83%	86.52%	1.45%
Grass	10.25%	13.30%	47.36%	0.65%
Leaves	5.13%	29.13%	7.30%	0.11%
Branches	5.13%	44.24%	23.14%	0.52%
Lumber	3.30%	43.00%	23.26%	0.33%
Textiles	1.80%	24.00%	50.00%	0.22%
Diapers	0.30%	24.00%	50.00%	0.04%
Construction/Demolition	2.50%	4.00%	50.00%	0.05%
Medical Waste	0.00%	15.00%	50.00%	0.00%
Sludge/Manure	0.00%	5.00%	50.00%	0.00%
MSW Total				**10.44%**

Table 3: EPA 1980 Waste Characterization Study (Applies for waste deposited from 1975 to 1984)

Waste Type	WIPFRAC	TDOC	DANF	%ANDOC
Newspaper	5.90%	47.09%	15.05%	0.42%
Office Paper	12.00%	38.54%	87.03%	4.02%
Corrugated Boxes	11.50%	44.84%	44.25%	2.28%
Coated Paper	2.40%	33.03%	24.31%	0.19%
Food	9.50%	14.83%	86.52%	1.22%
Grass	10.05%	13.30%	47.36%	0.63%
Leaves	5.03%	29.13%	7.30%	0.11%
Branches	5.03%	44.24%	23.14%	0.51%
Lumber	5.10%	43.00%	23.26%	0.51%
Textiles	1.70%	24.00%	50.00%	0.20%
Diapers	1.40%	24.00%	50.00%	0.17%
Construction/Demolition	3.50%	4.00%	50.00%	0.07%
Medical Waste	0.00%	15.00%	50.00%	0.00%
Sludge/Manure	0.00%	5.00%	50.00%	0.00%
MSW Total				**10.34%**

Table 4: EPA 1990 Waste Characterization Study (Applies for waste deposited from 1985 to 1992)

Waste Type	WIPFRAC	TDOC	DANF	%ANDOC
Newspaper	4.80%	47.09%	15.05%	0.34%

Office Paper	13.10%	38.54%	87.03%	4.39%
Corrugated Boxes	10.50%	44.84%	44.25%	2.08%
Coated Paper	2.10%	33.03%	24.31%	0.17%
Food	12.10%	14.83%	86.52%	1.55%
Grass	8.95%	13.30%	47.36%	0.56%
Leaves	4.48%	29.13%	7.30%	0.10%
Branches	4.48%	44.24%	23.14%	0.46%
Lumber	7.00%	43.00%	23.26%	0.70%
Textiles	3.30%	24.00%	50.00%	0.40%
Diapers	1.60%	24.00%	50.00%	0.19%
Construction/Demolition	3.90%	4.00%	50.00%	0.08%
Medical Waste	0.00%	15.00%	50.00%	0.00%
Sludge/Manure	0.00%	5.00%	50.00%	0.00%
MSW Total				**11.02%**

Table 5: EPA 1995 Waste Characterization Study (Applies for waste deposited from 1993 to 1997)

Waste Type	WIPFRAC	TDOC	DANF	%ANDOC
Newspaper	3.90%	47.09%	15.05%	0.28%
Office Paper	15.00%	38.54%	87.03%	5.03%
Corrugated Boxes	10.30%	44.84%	44.25%	2.04%
Coated Paper	1.80%	33.03%	24.31%	0.14%
Food	13.40%	14.83%	86.52%	1.72%
Grass	6.55%	13.30%	47.36%	0.41%
Leaves	3.28%	29.13%	7.30%	0.07%
Branches	3.28%	44.24%	23.14%	0.34%
Lumber	7.30%	43.00%	23.26%	0.73%
Textiles	4.50%	24.00%	50.00%	0.54%
Diapers	1.90%	24.00%	50.00%	0.23%
Construction/Demolition	4.50%	4.00%	50.00%	0.09%
Medical Waste	0.00%	15.00%	50.00%	0.00%
Sludge/Manure	0.00%	5.00%	50.00%	0.00%
MSW Total				**11.62%**

Table 9: EPA 2000 Waste Characterization Study (Applies for waste deposited from 1998 to 2000)

Waste Type	WIPFRAC	TDOC	DANF	%ANDOC
Newspaper	3.60%	47.09%	15.05%	0.26%
Office Paper	14.50%	38.54%	87.03%	4.86%
Corrugated Boxes	10.00%	44.84%	44.25%	1.98%
Coated Paper	1.50%	33.03%	24.31%	0.12%
Food	15.40%	14.83%	86.52%	1.98%
Grass	4.35%	13.30%	47.36%	0.27%
Leaves	2.18%	29.13%	7.30%	0.05%
Branches	2.18%	44.24%	23.14%	0.22%
Lumber	7.00%	43.00%	23.26%	0.70%
Textiles	5.20%	24.00%	50.00%	0.62%
Diapers	1.90%	24.00%	50.00%	0.23%
Construction/Demolition	4.70%	4.00%	50.00%	0.09%
Medical Waste	0.00%	15.00%	50.00%	0.00%
Sludge/Manure	0.00%	5.00%	50.00%	0.00%
MSW Total				**11.39%**

Table 10: EPA 2001 Waste Characterization Study (Applies for waste deposited in 2001)

Waste Type	WIPFRAC	TDOC	DANF	%ANDOC
Newspaper	2.10%	47.09%	15.05%	0.15%
Office Paper	14.50%	38.54%	87.03%	4.86%
Corrugated Boxes	9.80%	44.84%	44.25%	1.94%
Coated Paper	1.30%	33.03%	24.31%	0.10%
Food	16.20%	14.83%	86.52%	2.08%
Grass	3.75%	13.30%	47.36%	0.24%
Leaves	1.88%	29.13%	7.30%	0.04%
Branches	1.88%	44.24%	23.14%	0.19%
Lumber	7.40%	43.00%	23.26%	0.74%
Textiles	5.60%	24.00%	50.00%	0.67%
Diapers	2.10%	24.00%	50.00%	0.25%
Construction/Demolition	5.00%	4.00%	50.00%	0.10%
Medical Waste	0.00%	15.00%	50.00%	0.00%
Sludge/Manure	0.00%	5.00%	50.00%	0.00%

MSW Total				**11.37%**

Table 11: EPA 2002 Waste Characterization Study (Applies for waste deposited in 2002)

Waste Type	WIPFRAC	TDOC	DANF	%ANDOC
Newspaper	1.90%	47.09%	15.05%	0.13%
Office Paper	14.70%	38.54%	87.03%	4.93%
Corrugated Boxes	9.80%	44.84%	44.25%	1.94%
Coated Paper	1.20%	33.03%	24.31%	0.10%
Food	16.10%	14.83%	86.52%	2.07%
Grass	3.75%	13.30%	47.36%	0.24%
Leaves	1.88%	29.13%	7.30%	0.04%
Branches	1.88%	44.24%	23.14%	0.19%
Lumber	7.40%	43.00%	23.26%	0.74%
Textiles	5.70%	24.00%	50.00%	0.68%
Diapers	2.10%	24.00%	50.00%	0.25%
Construction/Demolition	5.10%	4.00%	50.00%	0.10%
Medical Waste	0.00%	15.00%	50.00%	0.00%
Sludge/Manure	0.00%	5.00%	50.00%	0.00%
MSW Total				**11.42%**

Table 12: EPA 2003 Waste Characterization Study (Applies for waste deposited in 2003)

Waste Type	WIPFRAC	TDOC	DANF	%ANDOC
Newspaper	1.90%	47.09%	15.05%	0.13%
Office Paper	13.60%	38.54%	87.03%	4.56%
Corrugated Boxes	9.20%	44.84%	44.25%	1.83%
Coated Paper	1.40%	33.03%	24.31%	0.11%
Food	16.60%	14.83%	86.52%	2.13%
Grass	3.90%	13.30%	47.36%	0.25%
Leaves	1.95%	29.13%	7.30%	0.04%
Branches	1.95%	44.24%	23.14%	0.20%
Lumber	7.40%	43.00%	23.26%	0.74%
Textiles	5.90%	24.00%	50.00%	0.71%
Diapers	2.00%	24.00%	50.00%	0.24%
Construction/Demolition	5.00%	4.00%	50.00%	0.10%
Medical Waste	0.00%	15.00%	50.00%	0.00%
Sludge/Manure	0.00%	5.00%	50.00%	0.00%
MSW Total				**11.04%**

Table 13: EPA 2004 Waste Characterization Study (Applies for waste deposited in 2004)

Waste Type	WIPFRAC	TDOC	DANF	%ANDOC
Newspaper	2.50%	47.09%	15.05%	0.18%
Office Paper	13.00%	38.54%	87.03%	4.36%
Corrugated Boxes	9.60%	44.84%	44.25%	1.90%
Coated Paper	1.50%	33.03%	24.31%	0.12%
Food	16.70%	14.83%	86.52%	2.14%
Grass	3.50%	13.30%	47.36%	0.22%
Leaves	1.75%	29.13%	7.30%	0.04%
Branches	1.75%	44.24%	23.14%	0.18%
Lumber	7.30%	43.00%	23.26%	0.73%
Textiles	5.90%	24.00%	50.00%	0.71%
Diapers	2.00%	24.00%	50.00%	0.24%
Construction/Demolition	5.00%	4.00%	50.00%	0.10%
Medical Waste	0.00%	15.00%	50.00%	0.00%
Sludge/Manure	0.00%	5.00%	50.00%	0.00%
MSW Total				**10.92%**

Table 14: EPA 2005 Waste Characterization Study (Applies for waste deposited in 2005)

Waste Type	WIPFRAC	TDOC	DANF	%ANDOC
Newspaper	2.00%	47.09%	15.05%	0.14%
Office Paper	12.80%	38.54%	87.03%	4.29%
Corrugated Boxes	8.80%	44.84%	44.25%	1.75%
Coated Paper	1.50%	33.03%	24.31%	0.12%
Food	17.30%	14.83%	86.52%	2.22%
Grass	3.60%	13.30%	47.36%	0.23%
Leaves	1.80%	29.13%	7.30%	0.04%
Branches	1.80%	44.24%	23.14%	0.18%
Lumber	7.50%	43.00%	23.26%	0.75%

Textiles	6.10%	24.00%	50.00%	0.73%
Diapers	2.00%	24.00%	50.00%	0.24%
Construction/Demolition	5.20%	4.00%	50.00%	0.10%
Medical Waste	0.00%	15.00%	50.00%	0.00%
Sludge/Manure	0.00%	5.00%	50.00%	0.00%
MSW Total				**10.80%**

Table 15: EPA 2006 Waste Characterization Study (Applies for waste deposited in 2006)

Waste Type	WIPFRAC	TDOC	DANF	%ANDOC
Newspaper	1.80%	47.09%	15.05%	0.13%
Office Paper	12.10%	38.54%	87.03%	4.06%
Corrugated Boxes	8.70%	44.84%	44.25%	1.73%
Coated Paper	1.50%	33.03%	24.31%	0.12%
Food	17.60%	14.83%	86.52%	2.26%
Grass	3.60%	13.30%	47.36%	0.23%
Leaves	1.80%	29.13%	7.30%	0.04%
Branches	1.80%	44.24%	23.14%	0.18%
Lumber	7.40%	43.00%	23.26%	0.74%
Textiles	6.30%	24.00%	50.00%	0.76%
Diapers	2.10%	24.00%	50.00%	0.25%
Construction/Demolition	5.30%	4.00%	50.00%	0.11%
Medical Waste	0.00%	15.00%	50.00%	0.00%
Sludge/Manure	0.00%	5.00%	50.00%	0.00%
MSW Total				**10.59%**

Table 16: EPA 2007 Waste Characterization Study (Applies for waste deposited in 2007)

Waste Type	WIPFRAC	TDOC	DANF	%ANDOC
Newspaper	1.30%	47.09%	15.05%	0.09%
Office Paper	11.20%	38.54%	87.03%	3.76%
Corrugated Boxes	8.20%	44.84%	44.25%	1.63%
Coated Paper	1.40%	33.03%	24.31%	0.11%
Food	18.10%	14.83%	86.52%	2.32%
Grass	3.45%	13.30%	47.36%	0.22%
Leaves	1.73%	29.13%	7.30%	0.04%
Branches	1.73%	44.24%	23.14%	0.18%
Lumber	8.50%	43.00%	23.26%	0.85%
Textiles	6.40%	24.00%	50.00%	0.77%
Diapers	2.20%	24.00%	50.00%	0.26%
Construction/Demolition	5.50%	4.00%	50.00%	0.11%
Medical Waste	0.00%	15.00%	50.00%	0.00%
Sludge/Manure	0.00%	5.00%	50.00%	0.00%
MSW Total				**10.33%**

Table 17: EPA 2008 Waste Characterization Study (Applies for waste deposited from 2008 to the present)

Waste Type	WIPFRAC	TDOC	DANF	%ANDOC
Newspaper	0.60%	47.09%	15.05%	0.04%
Office Paper	11.50%	38.54%	87.03%	3.86%
Corrugated Boxes	7.40%	44.84%	44.25%	1.47%
Coated Paper	1.30%	33.03%	24.31%	0.10%
Food	18.60%	14.83%	86.52%	2.39%
Grass	3.50%	13.30%	47.36%	0.22%
Leaves	1.75%	29.13%	7.30%	0.04%
Branches	1.75%	44.24%	23.14%	0.18%
Lumber	8.90%	43.00%	23.26%	0.89%
Textiles	6.90%	24.00%	50.00%	0.83%
Diapers	2.30%	24.00%	50.00%	0.28%
Construction/Demolition	5.80%	4.00%	50.00%	0.12%
Medical Waste	0.00%	15.00%	50.00%	0.00%
Sludge/Manure	0.00%	5.00%	50.00%	0.00%
MSW Total				**10.41%**

Landfill Specific Value Calculator for the Percent of Anaerobically Degradable Carbon (ANDOC%)

Landfill specific Waste Characterization Data

Waste Type	WIPFRAC	TDOC	DANF	%ANDOC
Newspaper	6.40%	47.09%	15.05%	0.45%
Office Paper	10.70%	38.54%	87.03%	3.59%
Corrugated Boxes	10.80%	44.84%	44.25%	2.14%
Coated Paper	2.20%	33.03%	24.31%	0.18%
Food	14.80%	14.83%	86.52%	1.90%
Grass	12.10%	13.30%	47.36%	0.76%
Leaves	6.05%	29.13%	7.30%	0.13%
Branches	6.05%	44.24%	23.14%	0.62%
Lumber	3.70%	43.00%	23.26%	0.37%
Textiles	2.10%	24.00%	50.00%	0.25%
Diapers	0.05%	24.00%	50.00%	0.01%
Construction/Demolition	2.60%	4.00%	50.00%	0.05%
Medical Waste	0.00%	15.00%	50.00%	0.00%
Sludge/Manure	0.00%	5.00%	50.00%	0.00%
MSW Total				**10.45%**

1) Enter your landfill specific waste characterization data (WIPFRAC).
2) Copy the result of the calculation (MSW total) and overwrite the default %ANDOC value for the particular year on the ***Landfill Model Inputs*** page.
Note: Only the data for the Fraction of the Waste in Place (WIPFRAC) should be altered. If you wish to modify the TDOC or DANF values, please contact ARB staff.

California Air Resources Board's Implementation of IPCC's Mathematically Exact First-Order Decay Model

Release date: November 14, 2011

This tool is designed to estimate greenhouse gas emissions from a landfill in support of the Local Government Operations Protocol.

Please follow these steps to estimate emissions:

1) Read the ***Methodology*** page to become familiar with the equations and the assumptions underlying the calculations.

2) Enter the landfill specific data on the ***Landfill Model Inputs*** page. **This is the only page where data needs to be added or modified.**

Data Type	Field or Column Name	Description
Landfill Specific Data	k Value	Decay factor (see ***Methodology*** page).
	State/Country	State or country where the landfill is located. Will determine the waste characterization data used.
Waste Deposit Data	Year	Year of the data entry values.
	Waste Deposited (Tons)	Amount of waste deposited in that year.
	Waste Deposited (% ANDOC)	Percent of the waste that is degradable, based on waste characterization data.
	Greenwaste & Compost - Daily Cover (Tons)	Amount of daily cover materials of the given type used in that year.
	Greenwaste & Compost - Daily Cover (% ANDOC)	Percent of the daily cover that is degradable, based on waste characterization data.
	Sludge - Daily Cover (Tons)	Amount of daily cover materials of the given type used in that year.
	Sludge - Daily Cover (% ANDOC)	Percent of the daily cover that is degradable, based on waste characterization data.
Note: Required data fields on the **Landfill Model Inputs** page are highlighted in rose		

The rose colored field names indicate which fields require data entry, all others have defaults that will be used in the calculations.

3) If you wish to overwrite the default % ANDOC value with your own value, you can use the calculator on the ***Landfill Specific ANDOC Values*** page (the last page in this tool) and then type your calculated landfill specific value over the default ANDOC% value.

4) Estimates of the emissions reflecting the current inputs are listed on the ***Landfill Emissions Output*** page and estimates of captured gas heat are available on the ***Landfill Gas Heat Output*** page.

Data Input: Lanfill Characteristics

Landfill Name: Clovis Landfill (varic
State/Country: CA
City/County: Fresno County
Year Opened:
If Closed, Year:
Click for lists of k values
k Value: 0.020
M Value:

Data Input: Waste Deposit History

Year	Waste			Daily Cover			
	Waste Deposited			Greenwaste & Compost		Sludge	
	Tons	% ANDOC		Tons	% ANDOC	Tons	% ANDOC
1900							
1901							
1902							
1903							
1904							
1905							
1906							
1907							
1908							
1909							
1910							
1911							
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1949							
1950							
1951							

Data Input: Lanfill Characteristics

Landfill Name: Clovis Landfill (varic
State/Country: CA
City/County: Fresno County

Year Opened:
If Closed, Year:

Click for lists of k values
k Value: 0.020
M Value:

Data Input: Waste Deposit History

	Waste			Daily Cover			
	Waste Deposited			Greenwaste & Compost		Sludge	
Year	Tons	% ANDOC		Tons	% ANDOC	Tons	% ANDOC
1952							
1953							
1954							
1955							
1956							
1957							
1958							
1959							
1960							
1961							
1962							
1963							
1964							
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2002							
2003							

Data Input: Lanfill Characteristics

Landfill Name:	Clovis Landfill (varic	**Year Opened:**		Click for lists of k values	
State/Country:	CA	**If Closed, Year:**		**k Value:**	0.020
City/County:	Fresno County			**M Value:**	

Data Input: Waste Deposit History

	Waste			Daily Cover			
	Waste Deposited			Greenwaste & Compost		Sludge	
Year	Tons	% ANDOC		Tons	% ANDOC	Tons	% ANDOC
2004							
2005							
2006							
2007							
2008							
2009							
2010							
2011							
2012	122,846	7.52%			6.24%		
2013							
2014							
2015							
2016							
2017							
2018							
2019							
2020							

Model Output: Lanfill Characteristics

Landfill Name: Clovis Landfill
State: CA
City/County: Fresno County
Year Opened:
If Closed, Year:
k Value: 0.020
M Value: 6

Model Output: Methane and Carbon Dioxide Emissions (metric tonnes of CO_2 equivalent)

Year	CH_4	CO_2
1900		
1901		
1902		
1903		
1904		
1905		
1906		
1907		
1908		
1909		
1910		
1911		
1912		
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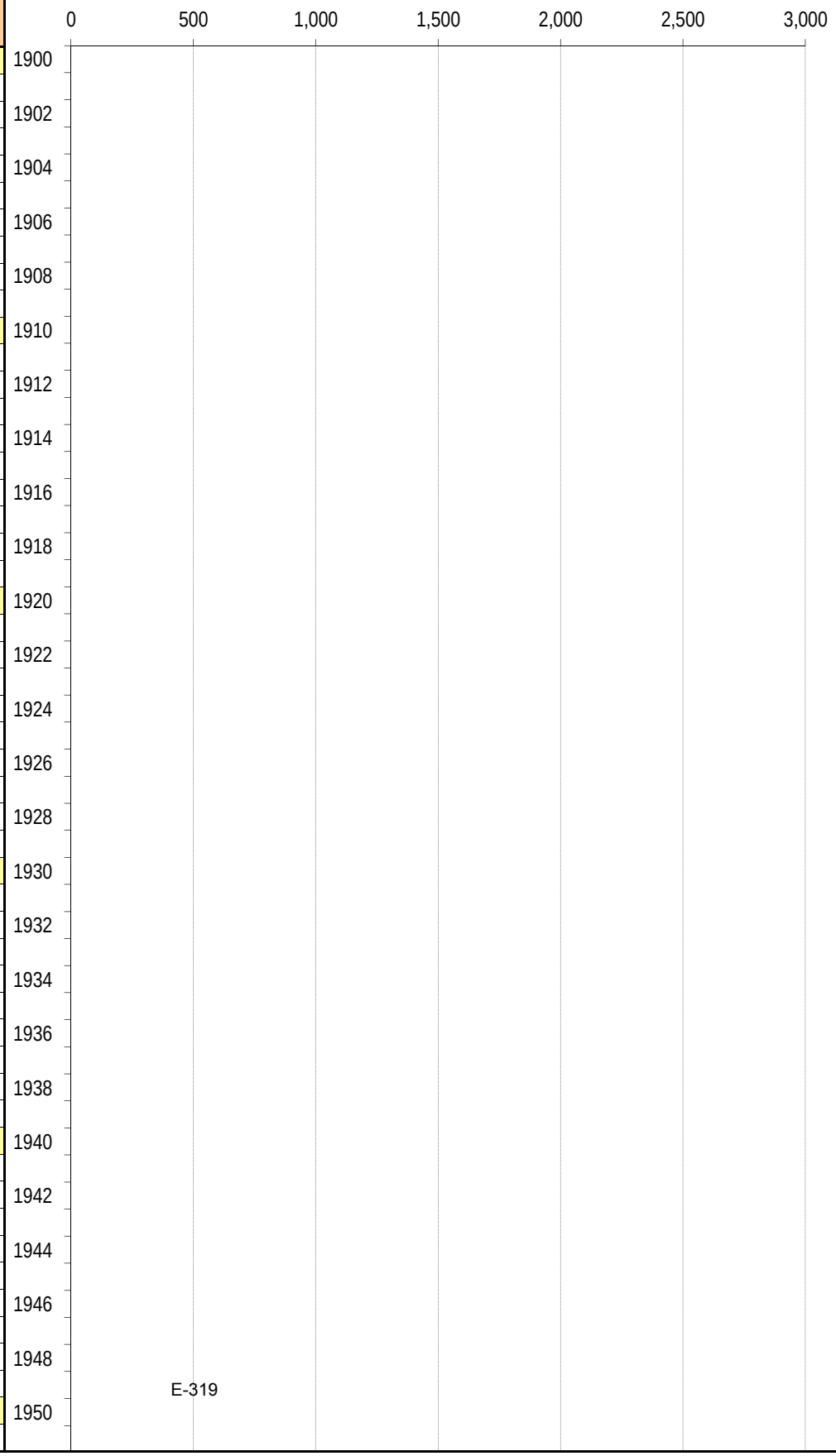

Model Output: Lanfill Characteristics

Landfill Name: Clovis Landfill
State: CA
City/County: Fresno County
Year Opened:
If Closed, Year:
k Value: 0.020
M Value: 6

Model Output: Methane and Carbon Dioxide Emissions (metric tonnes of CO_2 equivalent)

Year	CH_4	CO_2
1952		
1953		
1954		
1955		
1956		
1957		
1958		
1959		
1960		
1961		
1962		
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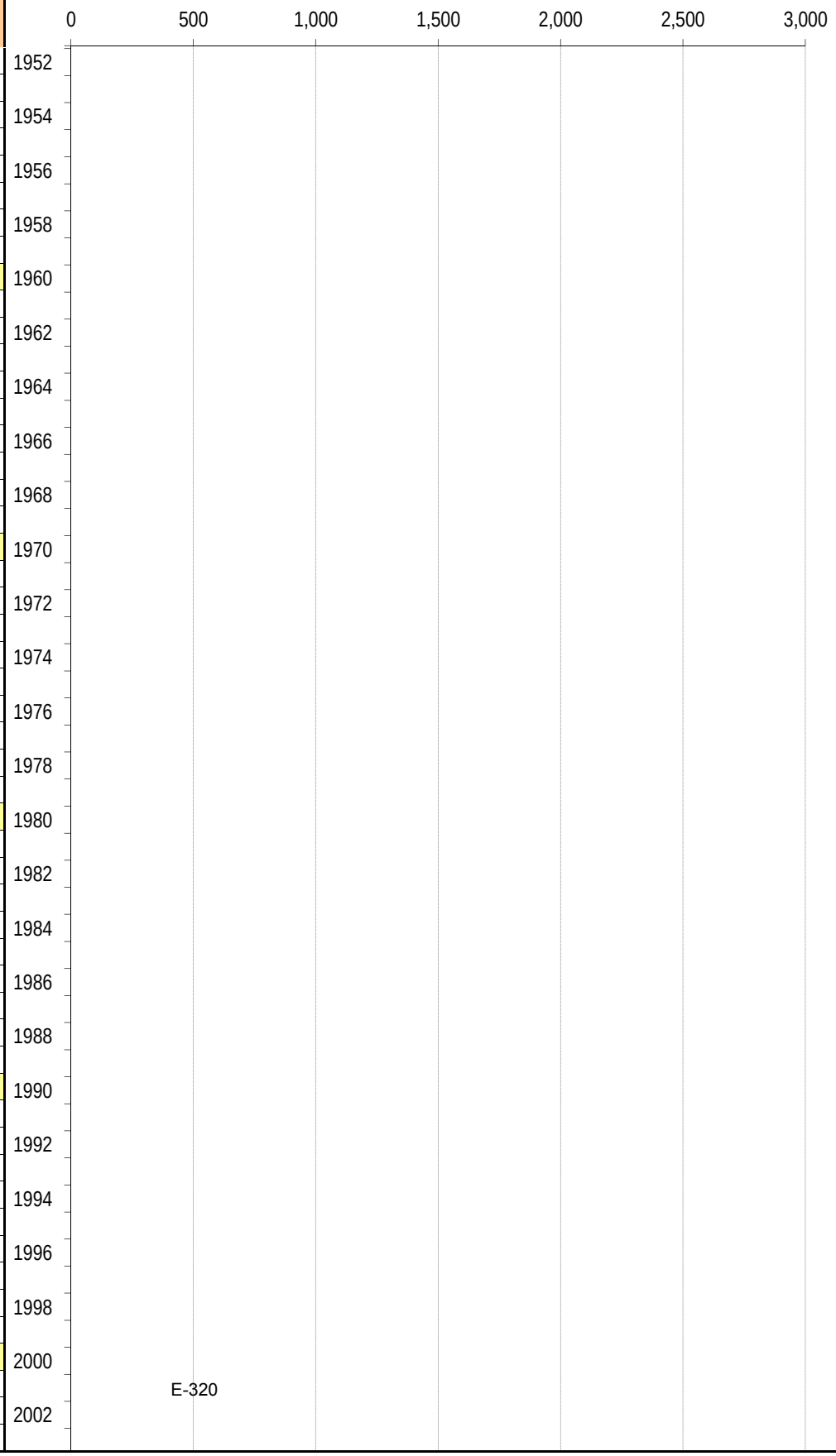
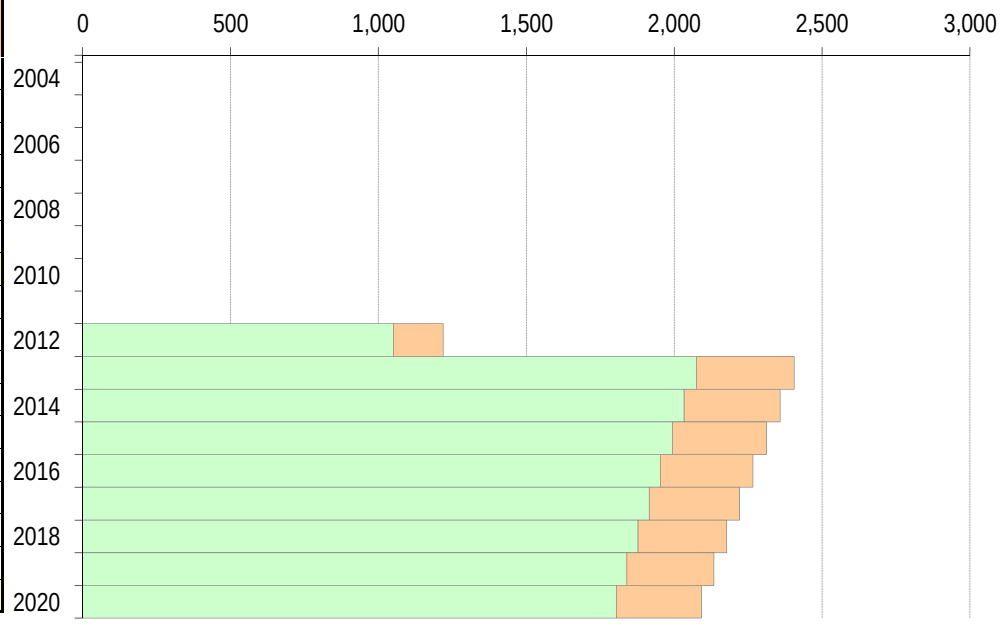


Model Output: Lanfill Characteristics

Landfill Name: Clovis Landfill
State: CA
City/County: Fresno County
Year Opened:
If Closed, Year:
k Value: 0.020
M Value: 6

Model Output: Methane and Carbon Dioxide Emissions (metric tonnes of CO_2 equivalent)

Year	CH_4	CO_2
2004		
2005		
2006		
2007		
2008		
2009		
2010		
2011		
2012	1,051	168
2013	2,075	331
2014	2,034	325
2015	1,993	318
2016	1,954	312
2017	1,915	306
2018	1,877	300
2019	1,840	294
2020	1,804	288



Model Output: Lanfill Characteristics

Landfill Name: Clovis Landfill
State: CA
City/County: Fresno County
Year Opened:
If Closed, Year:
k Value: 0.020
M Value: 6

Model Output: Landfill Gas Captured and Captured Gas Heat (graph values in MMbtu/hr)

Year	Landfill Gas Captured (scf/min)	Captured Gas Heat (MMbtu/hr)
1900		
1901		
1902		
1903		
1904		
1905		
1906		
1907		
1908		
1909		
1910		
1911		
1912		
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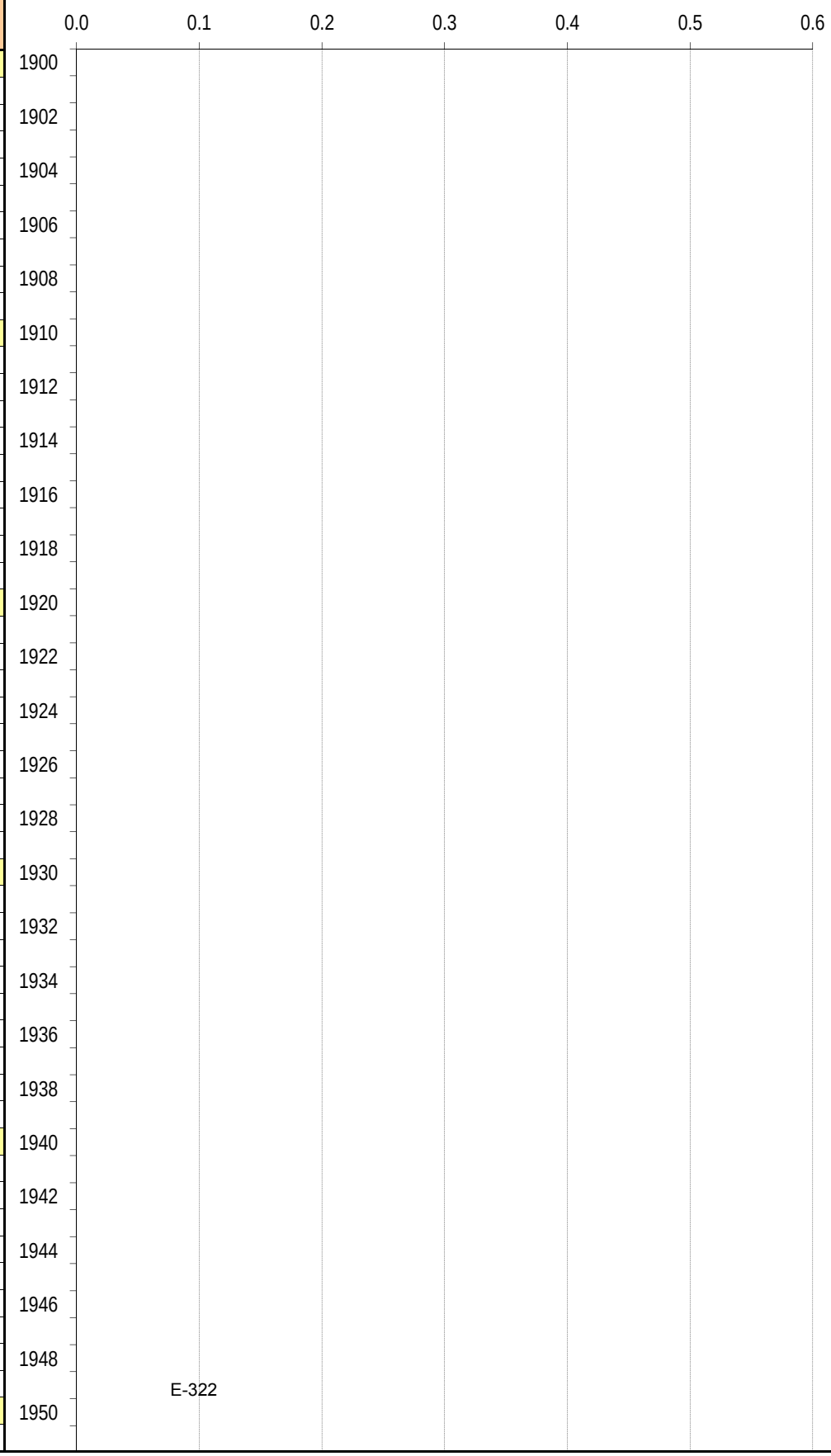

Model Output: Lanfill Characteristics

Landfill Name: Clovis Landfill
State: CA
City/County: Fresno County
Year Opened:
If Closed, Year:
k Value: 0.020
M Value: 6

Model Output: Landfill Gas Captured and Captured Gas Heat (graph values in MMbtu/hr)

Year	Landfill Gas Captured (scf/min)	Captured Gas Heat (MMbtu/hr)
1952		
1953		
1954		
1955		
1956		
1957		
1958		
1959		
1960		
1961		
1962		
1963		
1964		
1965		
1966		
1967		
1968		
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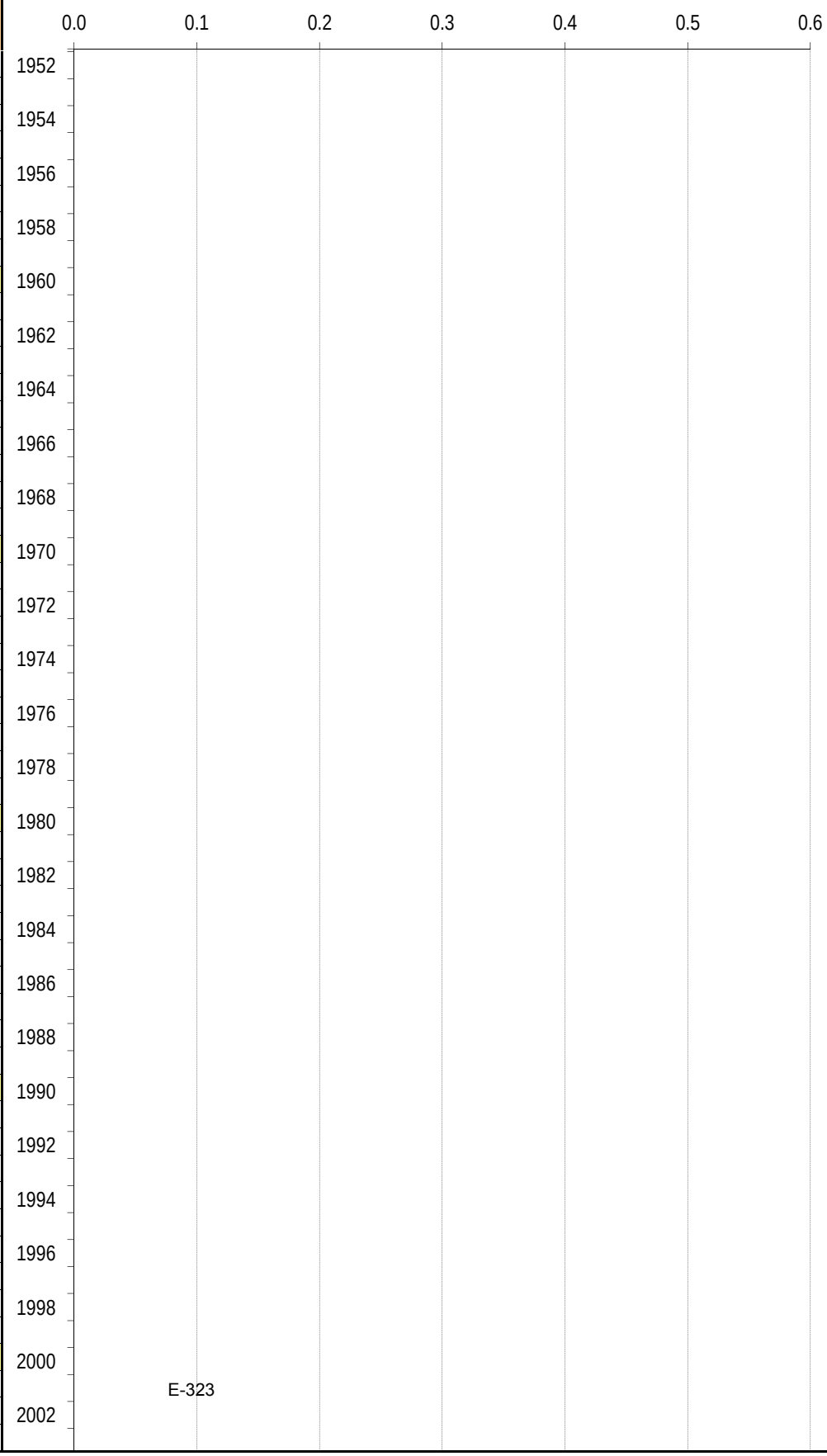
2002		
2003		

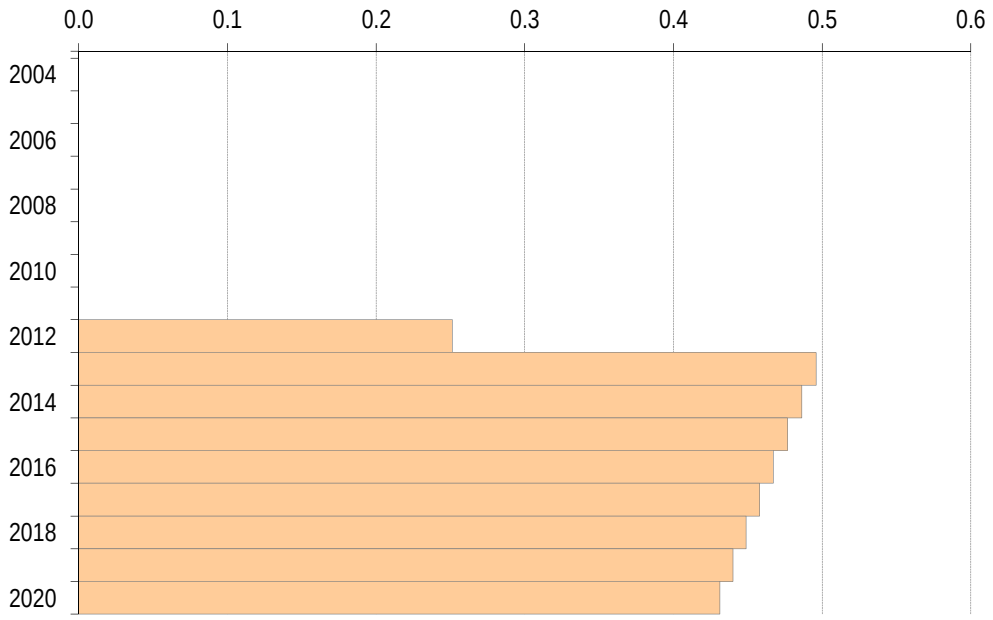


Model Output: Lanfill Characteristics

Landfill Name: Clovis Landfill
State: CA
City/County: Fresno County
Year Opened:
If Closed, Year:
k Value: 0.020
M Value: 6

Model Output: Landfill Gas Captured and Captured Gas Heat (graph values in MMbtu/hr)

Year	Landfill Gas Captured (scf/min)	Captured Gas Heat (MMbtu/hr)
2004		
2005		
2006		
2007		
2008		
2009		
2010		
2011		
2012	8	0.3
2013	16	0.5
2014	16	0.5
2015	16	0.5
2016	15	0.5
2017	15	0.5
2018	15	0.4
2019	14	0.4
2020	14	0.4



Landfill Methane Emissions Estimation Methodology

The calculations made by this tool are based on:

1) The following equations from IPCC's Mathematically Exact First-Order Decay Model, see section 3A1.6.3 of the 2006 IPCC Guidelines available online at:
http://www.ipcc-nggip.iges.or.jp/public/2006gl/pdf/5_Volume5/V5_3_Ch3_SWDS.pdf

ANDOC% = Σ $WIPFRAC_i$ x $TDOC_i$ x $DANF_i$	
ANDOC%	Percent of the waste that is degradable
$WIPFRAC_i$	Fraction of the ith component in the Waste-in-Place (WIP)
$TDOC_i$	Total Degradable Organic Carbon fraction of the ith waste component (Mg of that component/Mg of Total WIP)
$DANF_i$	Decomposable Anaerobic Fraction of the ith waste component. That is, the fraction capable of decomposition in anaerobic conditions (Mg of decomposable carbon for that component/Mg TDOCi for that component)

ANDOC = WIP (Tons) x 0.9072 (Mg/Ton) x **ANDOC%**	
ANDOC	Anaerobically Degradable Organic Carbon, carbon that is capable of decomposition in an anaerobic environment (Mg of carbon)
WIP	Waste-in-Place estimate of all the landfilled waste (wet weight) as reported to the CIWMB (Tons)

$$\mathbf{ANDOC_{year\text{-}end}} = \mathbf{ANDOC_{year\text{-}start}} \times e^{-[k]} + \mathbf{ANDOC_{deposited\text{-}last\ year}} \times [1/k \times (e^{-[k \times (1-M/12)]} - e^{-[k]}) - (M/12) \times e^{-[k]}] + \mathbf{ANDOC_{deposited\text{-}same\ year}} \times [(1/k) \times (1-e^{-[k \times (1-M/12)]}) + (M/12)]$$

$ANDOC_{year\text{-}end}$	ANDOC remaining undecomposed at the end of the inventory year in question
$ANDOC_{year\text{-}start}$	ANDOC in place at the beginning of the inventory year in question
$ANDOC_{deposited\text{-}last\ year}$	ANDOC deposited during the previous inventory year
$ANDOC_{deposited\text{-}same\ year}$	ANDOC deposited during the inventory year in question
M	Assumed delay before newly deposited waste begins to undergo anaerobic decomposition (Months, Default=6)
k	Assumed rate constant for anaerobic decomposition; k = ln2/half-life (years); half-life is the number of years required for half of the original mass of carbon to degrade

$$\mathbf{CH_4\ Generation} = \{\mathbf{ANDOC_{year\text{-}start}} \times [1-e^{-[k]}] - \mathbf{ANDOC_{deposited\text{-}last\ year}} \times [1/k \times (e^{-[k \times (1-M/12)]} - e^{-[k]}) - (M/12) \times e^{-[k]}] + \mathbf{ANDOC_{deposited\text{-}same\ year}} \times [1-((1/k) \times (1-e^{-[k \times (1-M/12)]}) + (M/12))]\} \times \mathbf{FCH_4} \times 16/12$$

CH_4 *Generation*	CH_4 generated in the inventory year in question (Mg of CH_4)
FCH_4	Fraction of decomposing carbon converted into CH_4 (Default = 0.5)

CH_4 Emitted = CH_4 Generation x (1-**OX**)	
CH_4 *Emitted*	CH_4 emitted to the atmosphere in the inventory year in question (Mg of CH_4)
OX	Fraction of escaping CH_4 that is oxidized to CO_2 in the cover soil (Default = 0.1)

2) Using an iterative approach (where the $ANDOC_{year\text{-}start}$ for the next inventory year equals the the $ANDOC_{year\text{-}end}$ of the previous inventory year), starting with the landfill's opening year and working through each subsequent years to arrive at the year for which an estimate is desired.

3) Choosing the rate of anaerobic decomposition (k). For the US and Mexico, select one of the following k values from EPA depending on the local average rainfall:

Average Rainfall (Inches/Year)		
<20	20-40	>40
k = 0.02	k = 0.038	k = 0.057

Where to input k values

For Canada, select the k value that corresponds to the province/territory :

Province/Territories	k
Alberta	0.012
British Columbia	0.082
Manitoba	0.019
New Brunswick	0.062
Newfoundland & Labrador	0.078
Nova Scotia	0.077
Northwest Territories	0.005
Nunavut	0.005
Ontario	0.045
Prince Edward Island	0.060
Quebec	0.056
Sakatchewan	0.010
Yukon	0.001

4) Using IPCC default value for the percent of methane oxidized while passing through the landfill to atmosphere:

Percent oxidation: 10%

Note: *Items 5 & 6 below only pertain when using this tool to assist in compliance with the Early Action Landfill Rule, and only affect the results shown in the Landfill Gas Heat Output page.*

5) Using EPA default value for the percent of methane captured by a landfill gas collection system:

Percent collection: 75%

6) Using EPA value for heat content of methane:

Methane heat content: 1,012 btu/scf

Percent of Anaerobically Degradable Carbon (ANDOC%): Default Values Used for California

For documentation on these values, see the ARB's Local Government Operations Protocol, available online at:
http://www.arb.ca.gov/cc/protocols/localgov/pubs/pubs.htm

Table 1: EPA 1960 Waste Characterization Study (Applies for waste deposited up to 1964)

Waste Type	WIPFRAC	TDOC	DANF	%ANDOC
Newspaper	6.40%	47.09%	15.05%	0.45%
Office Paper	10.70%	38.54%	87.03%	3.59%
Corrugated Boxes	10.80%	44.84%	44.25%	2.14%
Coated Paper	2.20%	33.03%	24.31%	0.18%
Food	14.80%	14.83%	86.52%	1.90%
Grass	12.10%	13.30%	47.36%	0.76%
Leaves	6.05%	29.13%	7.30%	0.13%
Branches	6.05%	44.24%	23.14%	0.62%
Lumber	3.70%	43.00%	23.26%	0.37%
Textiles	2.10%	24.00%	50.00%	0.25%
Diapers	0.05%	24.00%	50.00%	0.01%
Construction/Demolition	2.60%	4.00%	50.00%	0.05%
Medical Waste	0.00%	15.00%	50.00%	0.00%
Sludge/Manure	0.00%	5.00%	50.00%	0.00%
MSW Total				**10.45%**

Table 2: EPA 1970 Waste Characterization Study (Applies for waste deposited from 1965 to 1974)

Waste Type	WIPFRAC	TDOC	DANF	%ANDOC
Newspaper	6.40%	47.09%	15.05%	0.45%
Office Paper	11.30%	38.54%	87.03%	3.79%
Corrugated Boxes	13.50%	44.84%	44.25%	2.68%
Coated Paper	2.00%	33.03%	24.31%	0.16%
Food	11.30%	14.83%	86.52%	1.45%
Grass	10.25%	13.30%	47.36%	0.65%
Leaves	5.13%	29.13%	7.30%	0.11%
Branches	5.13%	44.24%	23.14%	0.52%
Lumber	3.30%	43.00%	23.26%	0.33%
Textiles	1.80%	24.00%	50.00%	0.22%
Diapers	0.30%	24.00%	50.00%	0.04%
Construction/Demolition	2.50%	4.00%	50.00%	0.05%
Medical Waste	0.00%	15.00%	50.00%	0.00%
Sludge/Manure	0.00%	5.00%	50.00%	0.00%
MSW Total				**10.44%**

Table 3: EPA 1980 Waste Characterization Study (Applies for waste deposited from 1975 to 1984)

Waste Type	WIPFRAC	TDOC	DANF	%ANDOC
Newspaper	5.90%	47.09%	15.05%	0.42%
Office Paper	12.00%	38.54%	87.03%	4.02%
Corrugated Boxes	11.50%	44.84%	44.25%	2.28%
Coated Paper	2.40%	33.03%	24.31%	0.19%
Food	9.50%	14.83%	86.52%	1.22%
Grass	10.05%	13.30%	47.36%	0.63%
Leaves	5.03%	29.13%	7.30%	0.11%
Branches	5.03%	44.24%	23.14%	0.51%
Lumber	5.10%	43.00%	23.26%	0.51%
Textiles	1.70%	24.00%	50.00%	0.20%
Diapers	1.40%	24.00%	50.00%	0.17%
Construction/Demolition	3.50%	4.00%	50.00%	0.07%
Medical Waste	0.00%	15.00%	50.00%	0.00%
Sludge/Manure	0.00%	5.00%	50.00%	0.00%
MSW Total				**10.34%**

Table 4: EPA 1990 Waste Characterization Study (Applies for waste deposited from 1985 to 1992)

Waste Type	WIPFRAC	TDOC	DANF	%ANDOC
Newspaper	4.80%	47.09%	15.05%	0.34%
Office Paper	13.10%	38.54%	87.03%	4.39%
Corrugated Boxes	10.50%	44.84%	44.25%	2.08%
Coated Paper	2.10%	33.03%	24.31%	0.17%
Food	12.10%	14.83%	86.52%	1.55%
Grass	8.95%	13.30%	47.36%	0.56%
Leaves	4.48%	29.13%	7.30%	0.10%
Branches	4.48%	44.24%	23.14%	0.46%
Lumber	7.00%	43.00%	23.26%	0.70%
Textiles	3.30%	24.00%	50.00%	0.40%
Diapers	1.60%	24.00%	50.00%	0.19%
Construction/Demolition	3.90%	4.00%	50.00%	0.08%
Medical Waste	0.00%	15.00%	50.00%	0.00%
Sludge/Manure	0.00%	5.00%	50.00%	0.00%
MSW Total				**11.02%**

Table 5: EPA 1995 Waste Characterization Study (Applies for waste deposited from 1993 to 1995)

Waste Type	WIPFRAC	TDOC	DANF	%ANDOC
Newspaper	3.90%	47.09%	15.05%	0.28%
Office Paper	15.00%	38.54%	87.03%	5.03%
Corrugated Boxes	10.30%	44.84%	44.25%	2.04%
Coated Paper	1.80%	33.03%	24.31%	0.14%
Food	13.40%	14.83%	86.52%	1.72%
Grass	6.55%	13.30%	47.36%	0.41%
Leaves	3.28%	29.13%	7.30%	0.07%
Branches	3.28%	44.24%	23.14%	0.34%
Lumber	7.30%	43.00%	23.26%	0.73%
Textiles	4.50%	24.00%	50.00%	0.54%
Diapers	1.90%	24.00%	50.00%	0.23%
Construction/Demolition	4.50%	4.00%	50.00%	0.09%
Medical Waste	0.00%	15.00%	50.00%	0.00%
Sludge/Manure	0.00%	5.00%	50.00%	0.00%
MSW Total				**11.62%**

Table 6: CIWMB 1999 Waste Characterization Study (Applies for waste deposited from 1996 to 2002)

Waste Type	WIPFRAC	TDOC	DANF	%ANDOC
Newspaper	4.28%	47.09%	15.05%	0.30%
Office Paper	4.44%	38.54%	87.03%	1.49%
Corrugated Boxes	4.59%	44.84%	44.25%	0.91%
Coated Paper	16.92%	33.03%	24.31%	1.36%
Food	15.72%	14.83%	86.52%	2.02%
Grass	5.27%	13.30%	47.36%	0.33%
Leaves	2.63%	29.13%	7.30%	0.06%
Branches	2.37%	44.24%	23.14%	0.24%
Lumber	4.91%	43.00%	23.26%	0.49%
Textiles	2.11%	24.00%	50.00%	0.25%
Diapers	6.91%	24.00%	50.00%	0.83%
Construction/Demolition	6.65%	4.00%	50.00%	0.13%
Medical Waste	0.02%	15.00%	50.00%	0.00%
Sludge/Manure	0.14%	5.00%	50.00%	0.00%
MSW Total				**8.42%**

Table 7: CIWMB 2004 Waste Characterization Study (Applies for waste deposited from 2003 to 2006)

Waste Type	WIPFRAC	TDOC	DANF	%ANDOC
Newspaper	2.20%	47.09%	15.05%	0.16%
Office Paper	1.95%	38.54%	87.03%	0.65%
Corrugated Boxes	5.75%	44.84%	44.25%	1.14%
Coated Paper	11.09%	33.03%	24.31%	0.89%
Food	14.55%	14.83%	86.52%	1.87%
Grass	2.81%	13.30%	47.36%	0.18%
Leaves	1.41%	29.13%	7.30%	0.03%
Branches	2.59%	44.24%	23.14%	0.26%
Lumber	9.65%	43.00%	23.26%	0.96%
Textiles	4.44%	24.00%	50.00%	0.53%

Diapers	4.36%	24.00%	50.00%	0.52%
Construction/Demolition	12.06%	4.00%	50.00%	0.24%
Medical Waste	0.04%	15.00%	50.00%	0.00%
Sludge/Manure	0.09%	5.00%	50.00%	0.00%
MSW Total				**7.45%**

Table 8: CIWMB 2008 Waste Characterization Study (Applies for waste deposited from 2007 to the present)

Waste Type	WIPFRAC	TDOC	DANF	%ANDOC
Newspaper	1.65%	47.09%	15.05%	0.12%
Office Paper	1.84%	38.54%	87.03%	0.62%
Corrugated Boxes	4.80%	44.84%	44.25%	0.95%
Coated Paper	8.98%	33.03%	24.31%	0.72%
Food	15.50%	14.83%	86.52%	1.99%
Grass	1.90%	13.30%	47.36%	0.12%
Leaves	3.24%	29.13%	7.30%	0.07%
Branches	1.95%	44.24%	23.14%	0.20%
Lumber	14.51%	43.00%	23.26%	1.45%
Textiles	5.47%	24.00%	50.00%	0.66%
Diapers	4.33%	24.00%	50.00%	0.52%
Construction/Demolition	5.48%	4.00%	50.00%	0.11%
Medical Waste	0.00%	15.00%	50.00%	0.00%
Sludge/Manure	0.05%	5.00%	50.00%	0.00%
MSW Total				**7.52%**

Percent of Anaerobically Degradable Carbon (ANDOC%): Default Values Used for Canada and Mexico

For documentation on these values, see the ARB's Local Government Operations Protocol, available online at:
http://www.arb.ca.gov/cc/protocols/localgov/pubs/pubs.htm

Table 18: IPCC 2006 Waste Characterization Defaults - Central America (Applies for all years of waste deposited)

Waste Type	WIPFRAC	TDOC	DANF	%ANDOC
Newspaper	1.64%	47.09%	15.05%	0.12%
Office Paper	6.30%	38.54%	87.03%	2.11%
Corrugated Boxes	4.93%	44.84%	44.25%	0.98%
Coated Paper	0.82%	33.03%	24.31%	0.07%
Food	43.80%	14.83%	86.52%	5.62%
Grass	0.00%	13.30%	47.36%	0.00%
Leaves	0.00%	29.13%	7.30%	0.00%
Branches	0.00%	44.24%	23.14%	0.00%
Lumber	13.50%	43.00%	23.26%	1.35%
Textiles	4.40%	24.00%	50.00%	0.53%
Diapers	0.00%	24.00%	50.00%	0.00%
Construction/Demolition	0.00%	4.00%	50.00%	0.00%
Medical Waste	0.00%	15.00%	50.00%	0.00%
Sludge/Manure	0.00%	5.00%	50.00%	0.00%
MSW Total				**10.77%**

Table 19: IPCC 2006 Waste Characterization Defaults - North America (Applies for all years of waste deposited)

Waste Type	WIPFRAC	TDOC	DANF	%ANDOC
Newspaper	2.78%	47.09%	15.05%	0.20%
Office Paper	10.67%	38.54%	87.03%	3.58%
Corrugated Boxes	8.35%	44.84%	44.25%	1.66%
Coated Paper	1.39%	33.03%	24.31%	0.11%
Food	33.90%	14.83%	86.52%	4.35%
Grass	0.00%	13.30%	47.36%	0.00%
Leaves	0.00%	29.13%	7.30%	0.00%
Branches	0.00%	44.24%	23.14%	0.00%
Lumber	6.20%	43.00%	23.26%	0.62%
Textiles	5.30%	24.00%	50.00%	0.64%
Diapers	0.00%	24.00%	50.00%	0.00%
Construction/Demolition	0.00%	4.00%	50.00%	0.00%
Medical Waste	0.00%	15.00%	50.00%	0.00%
Sludge/Manure	0.00%	5.00%	50.00%	0.00%
MSW Total				**11.15%**

Percent of Anaerobically Degradable Carbon (ANDOC%): Default Values Used for United States (other than California)

For documentation on these values, see the ARB's Local Government Operations Protocol, available online at:
http://www.arb.ca.gov/cc/protocols/localgov/pubs/pubs.htm

Table 1: EPA 1960 Waste Characterization Study (Applies for waste deposited up to 1964)

Waste Type	WIPFRAC	TDOC	DANF	%ANDOC
Newspaper	6.40%	47.09%	15.05%	0.45%
Office Paper	10.70%	38.54%	87.03%	3.59%
Corrugated Boxes	10.80%	44.84%	44.25%	2.14%
Coated Paper	2.20%	33.03%	24.31%	0.18%
Food	14.80%	14.83%	86.52%	1.90%
Grass	12.10%	13.30%	47.36%	0.76%
Leaves	6.05%	29.13%	7.30%	0.13%
Branches	6.05%	44.24%	23.14%	0.62%
Lumber	3.70%	43.00%	23.26%	0.37%
Textiles	2.10%	24.00%	50.00%	0.25%
Diapers	0.05%	24.00%	50.00%	0.01%
Construction/Demolition	2.60%	4.00%	50.00%	0.05%
Medical Waste	0.00%	15.00%	50.00%	0.00%
Sludge/Manure	0.00%	5.00%	50.00%	0.00%
MSW Total				**10.45%**

Table 2: EPA 1970 Waste Characterization Study (Applies for waste deposited from 1965 to 1974)

Waste Type	WIPFRAC	TDOC	DANF	%ANDOC
Newspaper	6.40%	47.09%	15.05%	0.45%
Office Paper	11.30%	38.54%	87.03%	3.79%
Corrugated Boxes	13.50%	44.84%	44.25%	2.68%
Coated Paper	2.00%	33.03%	24.31%	0.16%
Food	11.30%	14.83%	86.52%	1.45%
Grass	10.25%	13.30%	47.36%	0.65%
Leaves	5.13%	29.13%	7.30%	0.11%
Branches	5.13%	44.24%	23.14%	0.52%
Lumber	3.30%	43.00%	23.26%	0.33%
Textiles	1.80%	24.00%	50.00%	0.22%
Diapers	0.30%	24.00%	50.00%	0.04%
Construction/Demolition	2.50%	4.00%	50.00%	0.05%
Medical Waste	0.00%	15.00%	50.00%	0.00%
Sludge/Manure	0.00%	5.00%	50.00%	0.00%
MSW Total				**10.44%**

Table 3: EPA 1980 Waste Characterization Study (Applies for waste deposited from 1975 to 1984)

Waste Type	WIPFRAC	TDOC	DANF	%ANDOC
Newspaper	5.90%	47.09%	15.05%	0.42%
Office Paper	12.00%	38.54%	87.03%	4.02%
Corrugated Boxes	11.50%	44.84%	44.25%	2.28%
Coated Paper	2.40%	33.03%	24.31%	0.19%
Food	9.50%	14.83%	86.52%	1.22%
Grass	10.05%	13.30%	47.36%	0.63%
Leaves	5.03%	29.13%	7.30%	0.11%
Branches	5.03%	44.24%	23.14%	0.51%
Lumber	5.10%	43.00%	23.26%	0.51%
Textiles	1.70%	24.00%	50.00%	0.20%
Diapers	1.40%	24.00%	50.00%	0.17%
Construction/Demolition	3.50%	4.00%	50.00%	0.07%
Medical Waste	0.00%	15.00%	50.00%	0.00%
Sludge/Manure	0.00%	5.00%	50.00%	0.00%
MSW Total				**10.34%**

Table 4: EPA 1990 Waste Characterization Study (Applies for waste deposited from 1985 to 1992)

Waste Type	WIPFRAC	TDOC	DANF	%ANDOC
Newspaper	4.80%	47.09%	15.05%	0.34%

Office Paper	13.10%	38.54%	87.03%	4.39%
Corrugated Boxes	10.50%	44.84%	44.25%	2.08%
Coated Paper	2.10%	33.03%	24.31%	0.17%
Food	12.10%	14.83%	86.52%	1.55%
Grass	8.95%	13.30%	47.36%	0.56%
Leaves	4.48%	29.13%	7.30%	0.10%
Branches	4.48%	44.24%	23.14%	0.46%
Lumber	7.00%	43.00%	23.26%	0.70%
Textiles	3.30%	24.00%	50.00%	0.40%
Diapers	1.60%	24.00%	50.00%	0.19%
Construction/Demolition	3.90%	4.00%	50.00%	0.08%
Medical Waste	0.00%	15.00%	50.00%	0.00%
Sludge/Manure	0.00%	5.00%	50.00%	0.00%
MSW Total				**11.02%**

Table 5: EPA 1995 Waste Characterization Study (Applies for waste deposited from 1993 to 1997)

Waste Type	WIPFRAC	TDOC	DANF	%ANDOC
Newspaper	3.90%	47.09%	15.05%	0.28%
Office Paper	15.00%	38.54%	87.03%	5.03%
Corrugated Boxes	10.30%	44.84%	44.25%	2.04%
Coated Paper	1.80%	33.03%	24.31%	0.14%
Food	13.40%	14.83%	86.52%	1.72%
Grass	6.55%	13.30%	47.36%	0.41%
Leaves	3.28%	29.13%	7.30%	0.07%
Branches	3.28%	44.24%	23.14%	0.34%
Lumber	7.30%	43.00%	23.26%	0.73%
Textiles	4.50%	24.00%	50.00%	0.54%
Diapers	1.90%	24.00%	50.00%	0.23%
Construction/Demolition	4.50%	4.00%	50.00%	0.09%
Medical Waste	0.00%	15.00%	50.00%	0.00%
Sludge/Manure	0.00%	5.00%	50.00%	0.00%
MSW Total				**11.62%**

Table 9: EPA 2000 Waste Characterization Study (Applies for waste deposited from 1998 to 2000)

Waste Type	WIPFRAC	TDOC	DANF	%ANDOC
Newspaper	3.60%	47.09%	15.05%	0.26%
Office Paper	14.50%	38.54%	87.03%	4.86%
Corrugated Boxes	10.00%	44.84%	44.25%	1.98%
Coated Paper	1.50%	33.03%	24.31%	0.12%
Food	15.40%	14.83%	86.52%	1.98%
Grass	4.35%	13.30%	47.36%	0.27%
Leaves	2.18%	29.13%	7.30%	0.05%
Branches	2.18%	44.24%	23.14%	0.22%
Lumber	7.00%	43.00%	23.26%	0.70%
Textiles	5.20%	24.00%	50.00%	0.62%
Diapers	1.90%	24.00%	50.00%	0.23%
Construction/Demolition	4.70%	4.00%	50.00%	0.09%
Medical Waste	0.00%	15.00%	50.00%	0.00%
Sludge/Manure	0.00%	5.00%	50.00%	0.00%
MSW Total				**11.39%**

Table 10: EPA 2001 Waste Characterization Study (Applies for waste deposited in 2001)

Waste Type	WIPFRAC	TDOC	DANF	%ANDOC
Newspaper	2.10%	47.09%	15.05%	0.15%
Office Paper	14.50%	38.54%	87.03%	4.86%
Corrugated Boxes	9.80%	44.84%	44.25%	1.94%
Coated Paper	1.30%	33.03%	24.31%	0.10%
Food	16.20%	14.83%	86.52%	2.08%
Grass	3.75%	13.30%	47.36%	0.24%
Leaves	1.88%	29.13%	7.30%	0.04%
Branches	1.88%	44.24%	23.14%	0.19%
Lumber	7.40%	43.00%	23.26%	0.74%
Textiles	5.60%	24.00%	50.00%	0.67%
Diapers	2.10%	24.00%	50.00%	0.25%
Construction/Demolition	5.00%	4.00%	50.00%	0.10%
Medical Waste	0.00%	15.00%	50.00%	0.00%
Sludge/Manure	0.00%	5.00%	50.00%	0.00%

MSW Total				**11.37%**

Table 11: EPA 2002 Waste Characterization Study (Applies for waste deposited in 2002)

Waste Type	WIPFRAC	TDOC	DANF	%ANDOC
Newspaper	1.90%	47.09%	15.05%	0.13%
Office Paper	14.70%	38.54%	87.03%	4.93%
Corrugated Boxes	9.80%	44.84%	44.25%	1.94%
Coated Paper	1.20%	33.03%	24.31%	0.10%
Food	16.10%	14.83%	86.52%	2.07%
Grass	3.75%	13.30%	47.36%	0.24%
Leaves	1.88%	29.13%	7.30%	0.04%
Branches	1.88%	44.24%	23.14%	0.19%
Lumber	7.40%	43.00%	23.26%	0.74%
Textiles	5.70%	24.00%	50.00%	0.68%
Diapers	2.10%	24.00%	50.00%	0.25%
Construction/Demolition	5.10%	4.00%	50.00%	0.10%
Medical Waste	0.00%	15.00%	50.00%	0.00%
Sludge/Manure	0.00%	5.00%	50.00%	0.00%
MSW Total				**11.42%**

Table 12: EPA 2003 Waste Characterization Study (Applies for waste deposited in 2003)

Waste Type	WIPFRAC	TDOC	DANF	%ANDOC
Newspaper	1.90%	47.09%	15.05%	0.13%
Office Paper	13.60%	38.54%	87.03%	4.56%
Corrugated Boxes	9.20%	44.84%	44.25%	1.83%
Coated Paper	1.40%	33.03%	24.31%	0.11%
Food	16.60%	14.83%	86.52%	2.13%
Grass	3.90%	13.30%	47.36%	0.25%
Leaves	1.95%	29.13%	7.30%	0.04%
Branches	1.95%	44.24%	23.14%	0.20%
Lumber	7.40%	43.00%	23.26%	0.74%
Textiles	5.90%	24.00%	50.00%	0.71%
Diapers	2.00%	24.00%	50.00%	0.24%
Construction/Demolition	5.00%	4.00%	50.00%	0.10%
Medical Waste	0.00%	15.00%	50.00%	0.00%
Sludge/Manure	0.00%	5.00%	50.00%	0.00%
MSW Total				**11.04%**

Table 13: EPA 2004 Waste Characterization Study (Applies for waste deposited in 2004)

Waste Type	WIPFRAC	TDOC	DANF	%ANDOC
Newspaper	2.50%	47.09%	15.05%	0.18%
Office Paper	13.00%	38.54%	87.03%	4.36%
Corrugated Boxes	9.60%	44.84%	44.25%	1.90%
Coated Paper	1.50%	33.03%	24.31%	0.12%
Food	16.70%	14.83%	86.52%	2.14%
Grass	3.50%	13.30%	47.36%	0.22%
Leaves	1.75%	29.13%	7.30%	0.04%
Branches	1.75%	44.24%	23.14%	0.18%
Lumber	7.30%	43.00%	23.26%	0.73%
Textiles	5.90%	24.00%	50.00%	0.71%
Diapers	2.00%	24.00%	50.00%	0.24%
Construction/Demolition	5.00%	4.00%	50.00%	0.10%
Medical Waste	0.00%	15.00%	50.00%	0.00%
Sludge/Manure	0.00%	5.00%	50.00%	0.00%
MSW Total				**10.92%**

Table 14: EPA 2005 Waste Characterization Study (Applies for waste deposited in 2005)

Waste Type	WIPFRAC	TDOC	DANF	%ANDOC
Newspaper	2.00%	47.09%	15.05%	0.14%
Office Paper	12.80%	38.54%	87.03%	4.29%
Corrugated Boxes	8.80%	44.84%	44.25%	1.75%
Coated Paper	1.50%	33.03%	24.31%	0.12%
Food	17.30%	14.83%	86.52%	2.22%
Grass	3.60%	13.30%	47.36%	0.23%
Leaves	1.80%	29.13%	7.30%	0.04%
Branches	1.80%	44.24%	23.14%	0.18%
Lumber	7.50%	43.00%	23.26%	0.75%

Textiles	6.10%	24.00%	50.00%	0.73%
Diapers	2.00%	24.00%	50.00%	0.24%
Construction/Demolition	5.20%	4.00%	50.00%	0.10%
Medical Waste	0.00%	15.00%	50.00%	0.00%
Sludge/Manure	0.00%	5.00%	50.00%	0.00%
MSW Total				**10.80%**

Table 15: EPA 2006 Waste Characterization Study (Applies for waste deposited in 2006)

Waste Type	WIPFRAC	TDOC	DANF	%ANDOC
Newspaper	1.80%	47.09%	15.05%	0.13%
Office Paper	12.10%	38.54%	87.03%	4.06%
Corrugated Boxes	8.70%	44.84%	44.25%	1.73%
Coated Paper	1.50%	33.03%	24.31%	0.12%
Food	17.60%	14.83%	86.52%	2.26%
Grass	3.60%	13.30%	47.36%	0.23%
Leaves	1.80%	29.13%	7.30%	0.04%
Branches	1.80%	44.24%	23.14%	0.18%
Lumber	7.40%	43.00%	23.26%	0.74%
Textiles	6.30%	24.00%	50.00%	0.76%
Diapers	2.10%	24.00%	50.00%	0.25%
Construction/Demolition	5.30%	4.00%	50.00%	0.11%
Medical Waste	0.00%	15.00%	50.00%	0.00%
Sludge/Manure	0.00%	5.00%	50.00%	0.00%
MSW Total				**10.59%**

Table 16: EPA 2007 Waste Characterization Study (Applies for waste deposited in 2007)

Waste Type	WIPFRAC	TDOC	DANF	%ANDOC
Newspaper	1.30%	47.09%	15.05%	0.09%
Office Paper	11.20%	38.54%	87.03%	3.76%
Corrugated Boxes	8.20%	44.84%	44.25%	1.63%
Coated Paper	1.40%	33.03%	24.31%	0.11%
Food	18.10%	14.83%	86.52%	2.32%
Grass	3.45%	13.30%	47.36%	0.22%
Leaves	1.73%	29.13%	7.30%	0.04%
Branches	1.73%	44.24%	23.14%	0.18%
Lumber	8.50%	43.00%	23.26%	0.85%
Textiles	6.40%	24.00%	50.00%	0.77%
Diapers	2.20%	24.00%	50.00%	0.26%
Construction/Demolition	5.50%	4.00%	50.00%	0.11%
Medical Waste	0.00%	15.00%	50.00%	0.00%
Sludge/Manure	0.00%	5.00%	50.00%	0.00%
MSW Total				**10.33%**

Table 17: EPA 2008 Waste Characterization Study (Applies for waste deposited from 2008 to the present)

Waste Type	WIPFRAC	TDOC	DANF	%ANDOC
Newspaper	0.60%	47.09%	15.05%	0.04%
Office Paper	11.50%	38.54%	87.03%	3.86%
Corrugated Boxes	7.40%	44.84%	44.25%	1.47%
Coated Paper	1.30%	33.03%	24.31%	0.10%
Food	18.60%	14.83%	86.52%	2.39%
Grass	3.50%	13.30%	47.36%	0.22%
Leaves	1.75%	29.13%	7.30%	0.04%
Branches	1.75%	44.24%	23.14%	0.18%
Lumber	8.90%	43.00%	23.26%	0.89%
Textiles	6.90%	24.00%	50.00%	0.83%
Diapers	2.30%	24.00%	50.00%	0.28%
Construction/Demolition	5.80%	4.00%	50.00%	0.12%
Medical Waste	0.00%	15.00%	50.00%	0.00%
Sludge/Manure	0.00%	5.00%	50.00%	0.00%
MSW Total				**10.41%**

Landfill Specific Value Calculator for the Percent of Anaerobically Degradable Carbon (ANDOC%)

Landfill specific Waste Characterization Data

Waste Type	WIPFRAC	TDOC	DANF	%ANDOC
Newspaper	6.40%	47.09%	15.05%	0.45%
Office Paper	10.70%	38.54%	87.03%	3.59%
Corrugated Boxes	10.80%	44.84%	44.25%	2.14%
Coated Paper	2.20%	33.03%	24.31%	0.18%
Food	14.80%	14.83%	86.52%	1.90%
Grass	12.10%	13.30%	47.36%	0.76%
Leaves	6.05%	29.13%	7.30%	0.13%
Branches	6.05%	44.24%	23.14%	0.62%
Lumber	3.70%	43.00%	23.26%	0.37%
Textiles	2.10%	24.00%	50.00%	0.25%
Diapers	0.05%	24.00%	50.00%	0.01%
Construction/Demolition	2.60%	4.00%	50.00%	0.05%
Medical Waste	0.00%	15.00%	50.00%	0.00%
Sludge/Manure	0.00%	5.00%	50.00%	0.00%
MSW Total				**10.45%**

1) Enter your landfill specific waste characterization data (WIPFRAC).
2) Copy the result of the calculation (MSW total) and overwrite the default %ANDOC value for the particular year on the ***Landfill Model Inputs*** page.
Note: Only the data for the Fraction of the Waste in Place (WIPFRAC) should be altered. If you wish to modify the TDOC or DANF values, please contact ARB staff.

California Air Resources Board's Implementation of IPCC's Mathematically Exact First-Order Decay Model

Release date: November 14, 2011

This tool is designed to estimate greenhouse gas emissions from a landfill in support of the Local Government Operations Protocol.

Please follow these steps to estimate emissions:

1) Read the ***Methodology*** page to become familiar with the equations and the assumptions underlying the calculations.

2) Enter the landfill specific data on the ***Landfill Model Inputs*** page. **This is the only page where data needs to be added or modified.**

Data Type	Field or Column Name	Description
Landfill Specific Data	k Value	Decay factor (see ***Methodology*** page).
	State/Country	State or country where the landfill is located. Will determine the waste characterization data used.
Waste Deposit Data	Year	Year of the data entry values.
	Waste Deposited (Tons)	Amount of waste deposited in that year.
	Waste Deposited (% ANDOC)	Percent of the waste that is degradable, based on waste characterization data.
	Greenwaste & Compost - Daily Cover (Tons)	Amount of daily cover materials of the given type used in that year.
	Greenwaste & Compost - Daily Cover (% ANDOC)	Percent of the daily cover that is degradable, based on waste characterization data.
	Sludge - Daily Cover (Tons)	Amount of daily cover materials of the given type used in that year.
	Sludge - Daily Cover (% ANDOC)	Percent of the daily cover that is degradable, based on waste characterization data.
Note: Required data fields on the **Landfill Model Inputs** page are highlighted in rose		

The rose colored field names indicate which fields require data entry, all others have defaults that will be used in the calculations.

3) If you wish to overwrite the default % ANDOC value with your own value, you can use the calculator on the ***Landfill Specific ANDOC Values*** page (the last page in this tool) and then type your calculated landfill specific value over the default ANDOC% value.

4) Estimates of the emissions reflecting the current inputs are listed on the ***Landfill Emissions Output*** page and estimates of captured gas heat are available on the ***Landfill Gas Heat Output*** page.

Data Input: Lanfill Characteristics

Landfill Name: Clovis Landfill (Varic
State/Country: CA
City/County: Fresno County
Year Opened:
If Closed, Year:
Click for lists of k values
k Value: 0.020
M Value:

Data Input: Waste Deposit History

Year	Waste			Daily Cover			
	Waste Deposited			Greenwaste & Compost		Sludge	
	Tons	% ANDOC		Tons	% ANDOC	Tons	% ANDOC
1900							
1901							
1902							
1903							
1904							
1905							
1906							
1907							
1908							
1909							
1910							
1911							
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1918							
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1921							
1922							
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1942							
1943							
1944							
1945							
1946							
1947							
1948							
1949							
1950							
1951							

Data Input: Lanfill Characteristics

Landfill Name: Clovis Landfill (Varic
State/Country: CA
City/County: Fresno County
Year Opened:
If Closed, Year:
Click for lists of k values
k Value: 0.020
M Value:

Data Input: Waste Deposit History

Year	Waste			Daily Cover			
	Waste Deposited			Greenwaste & Compost		Sludge	
	Tons	% ANDOC		Tons	% ANDOC	Tons	% ANDOC
1952							
1953							
1954							
1955							
1956							
1957							
1958							
1959							
1960							
1961							
1962							
1963							
1964							
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2001							
2002							
2003							

Data Input: Lanfill Characteristics

Landfill Name:	Clovis Landfill (Varic	**Year Opened:**		Click for lists of k values	
State/Country:	CA	**If Closed, Year:**		**k Value:**	0.020
City/County:	Fresno County			**M Value:**	

Data Input: Waste Deposit History

	Waste			Daily Cover			
	Waste Deposited			Greenwaste & Compost		Sludge	
Year	Tons	% ANDOC		Tons	% ANDOC	Tons	% ANDOC
2004							
2005							
2006							
2007							
2008							
2009							
2010							
2011							
2012	189,278	7.52%			6.24%		
2013							
2014							
2015							
2016							
2017							
2018							
2019							
2020							

Model Output: Lanfill Characteristics

Landfill Name: Clovis Landfill
State: CA
City/County: Fresno County
Year Opened:
If Closed, Year:
k Value: 0.020
M Value: 6

Model Output: Methane and Carbon Dioxide Emissions (metric tonnes of CO_2 equivalent)

Year	CH_4	CO_2
1900		
1901		
1902		
1903		
1904		
1905		
1906		
1907		
1908		
1909		
1910		
1911		
1912		
1913		
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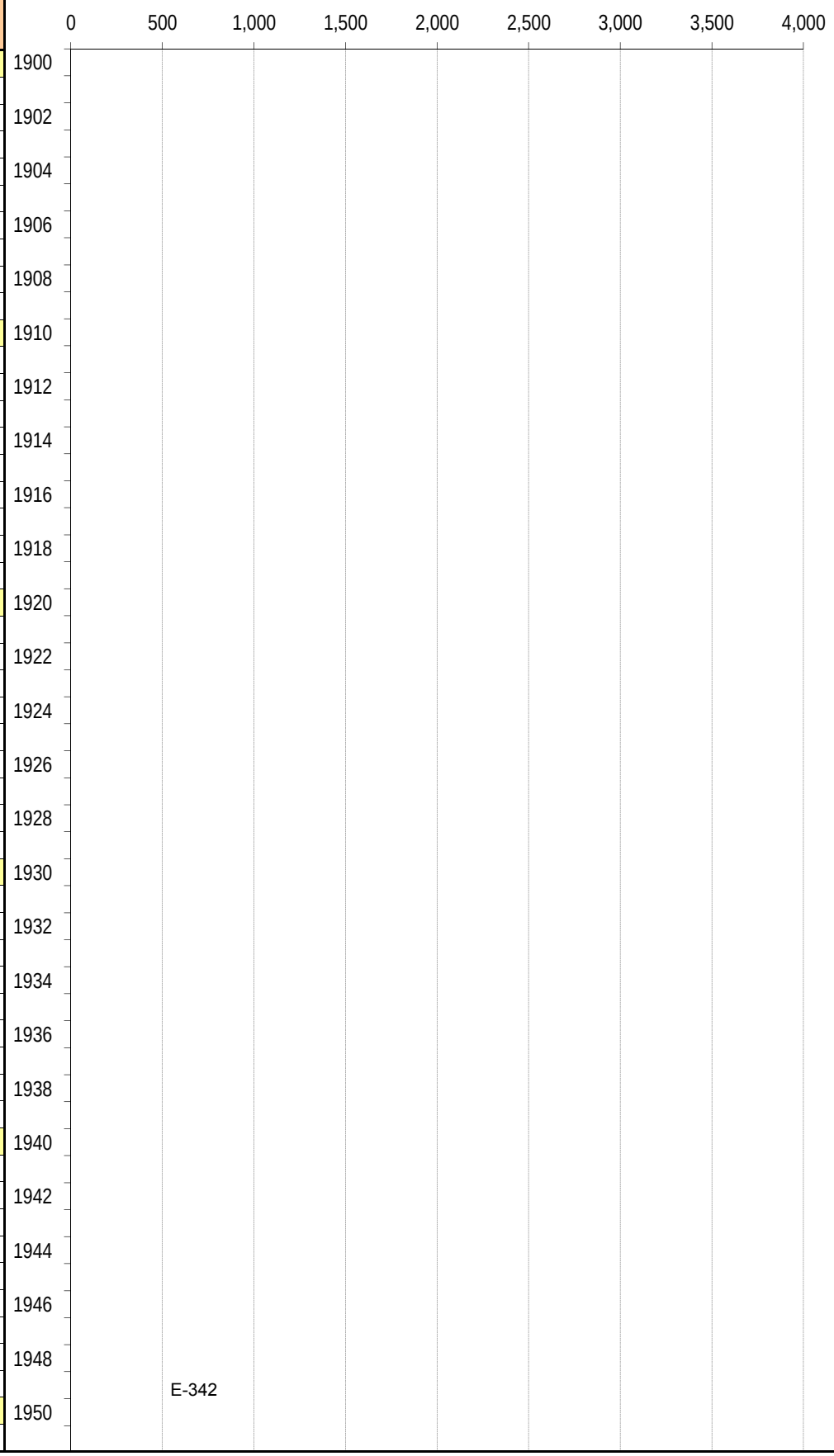

Model Output: Lanfill Characteristics

Landfill Name: Clovis Landfill
State: CA
City/County: Fresno County
Year Opened:
If Closed, Year:
k Value: 0.020
M Value: 6

Model Output: Methane and Carbon Dioxide Emissions (metric tonnes of CO_2 equivalent)

Year	CH_4	CO_2
1952		
1953		
1954		
1955		
1956		
1957		
1958		
1959		
1960		
1961		
1962		
1963		
1964		
1965		
1966		
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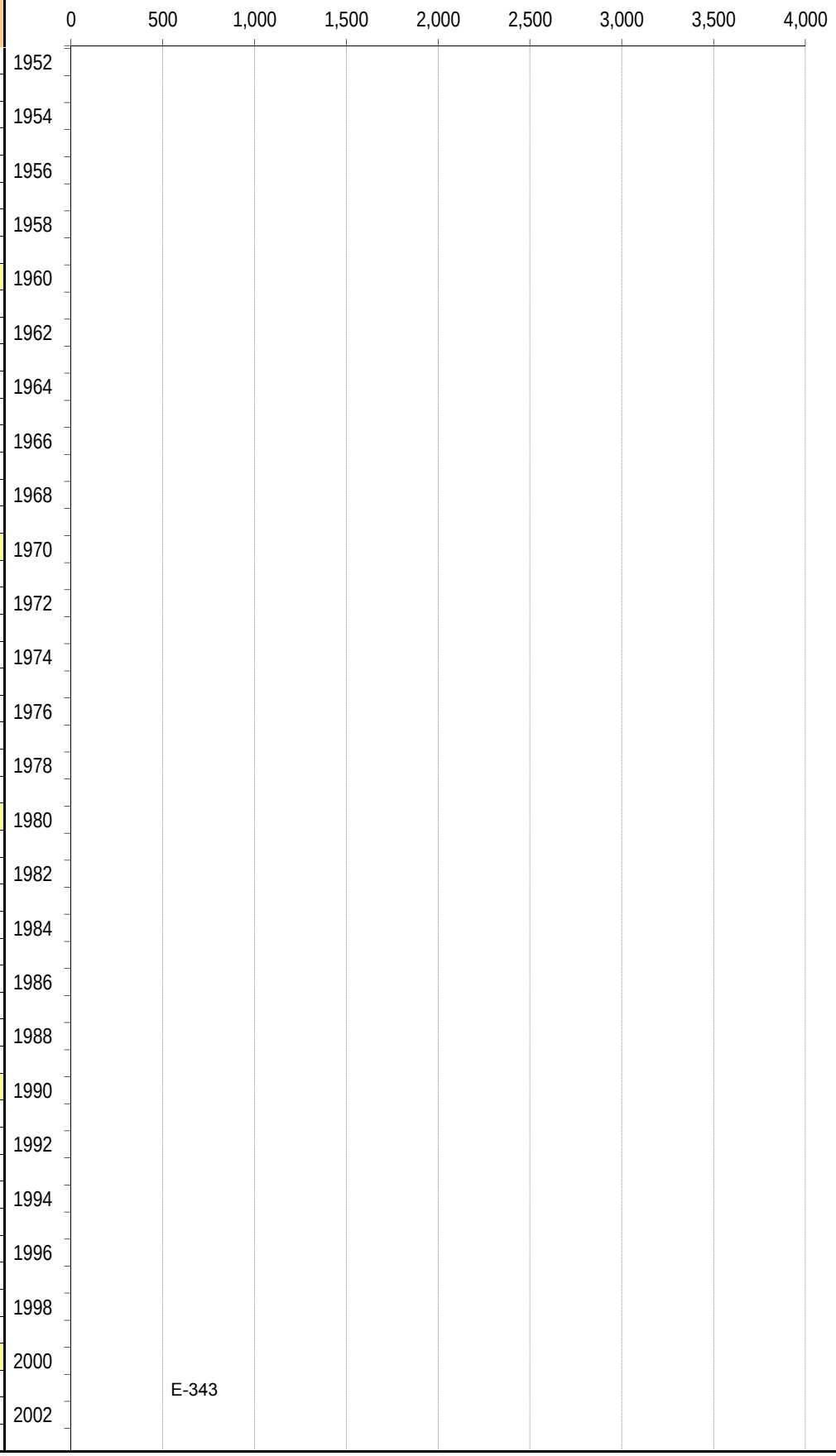
2003		

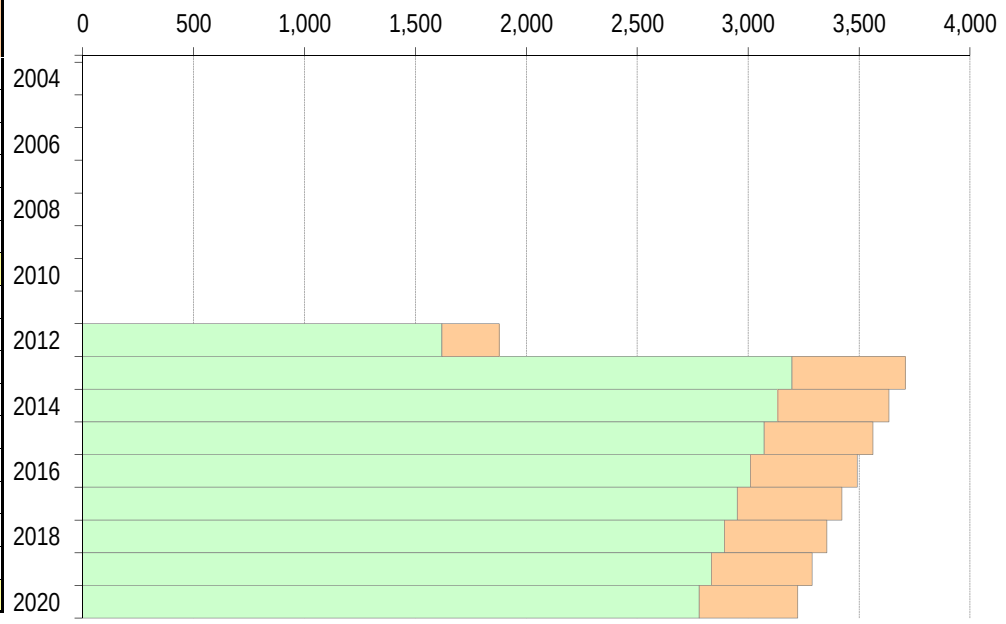


Model Output: Lanfill Characteristics

Landfill Name: Clovis Landfill
State: CA
City/County: Fresno County
Year Opened:
If Closed, Year:
k Value: 0.020
M Value: 6

Model Output: Methane and Carbon Dioxide Emissions (metric tonnes of CO_2 equivalent)

Year	CH_4	CO_2
2004		
2005		
2006		
2007		
2008		
2009		
2010		
2011		
2012	1,620	259
2013	3,197	511
2014	3,134	500
2015	3,071	491
2016	3,011	481
2017	2,951	471
2018	2,893	462
2019	2,835	453
2020	2,779	444



Model Output: Lanfill Characteristics

Landfill Name: Clovis Landfill
State: CA
City/County: Fresno County
Year Opened:
If Closed, Year:
k Value: 0.020
M Value: 6

Model Output: Landfill Gas Captured and Captured Gas Heat (graph values in MMbtu/hr)

Year	Landfill Gas Captured (scf/min)	Captured Gas Heat (MMbtu/hr)
1900		
1901		
1902		
1903		
1904		
1905		
1906		
1907		
1908		
1909		
1910		
1911		
1912		
1913		
1914		
1915		
1916		
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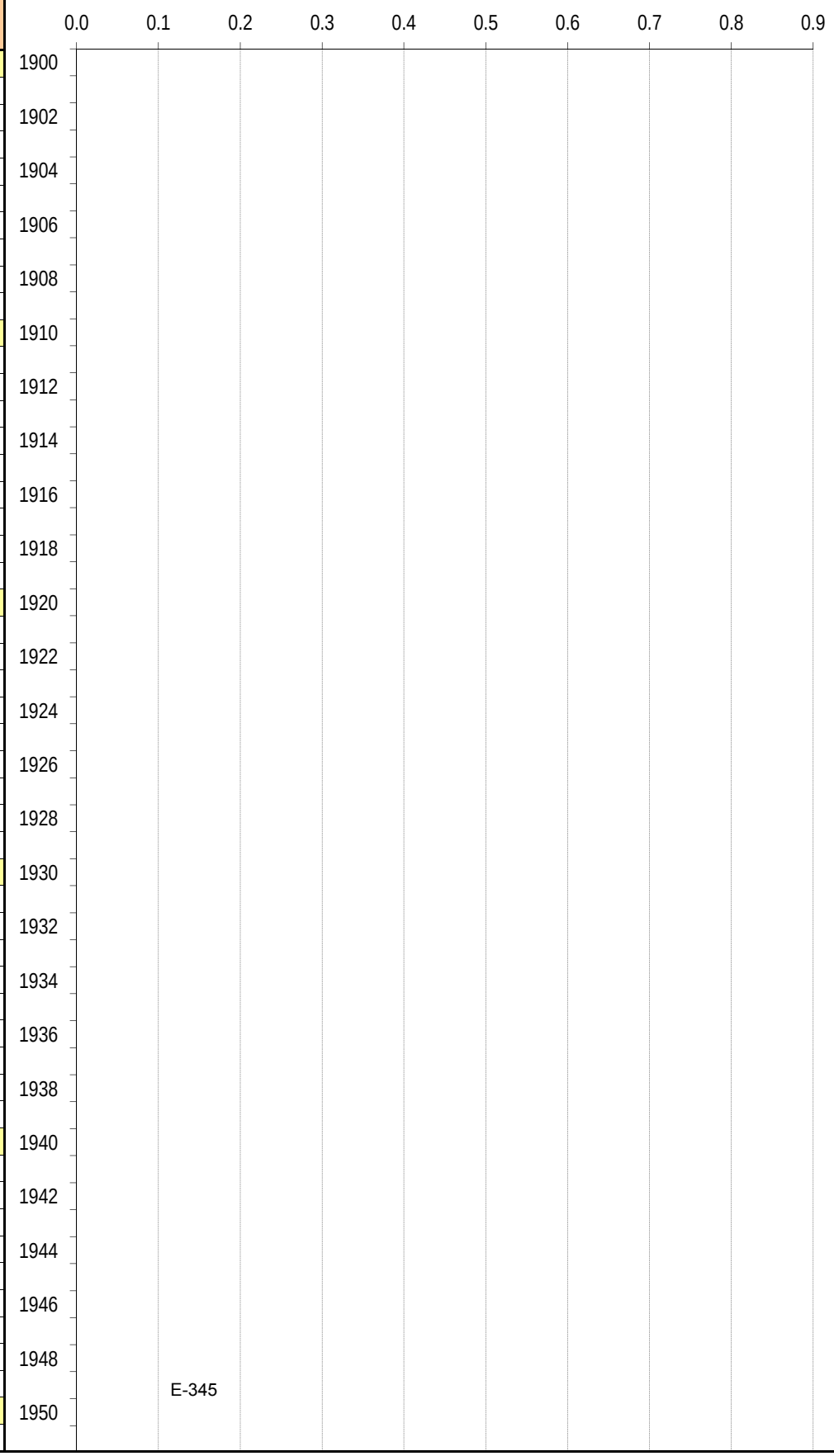

Model Output: Lanfill Characteristics

Landfill Name: Clovis Landfill
State: CA
City/County: Fresno County
Year Opened:
If Closed, Year:
k Value: 0.020
M Value: 6

Model Output: Landfill Gas Captured and Captured Gas Heat (graph values in MMbtu/hr)

Year	Landfill Gas Captured (scf/min)	Captured Gas Heat (MMbtu/hr)
1952		
1953		
1954		
1955		
1956		
1957		
1958		
1959		
1960		
1961		
1962		
1963		
1964		
1965		
1966		
1967		
1968		
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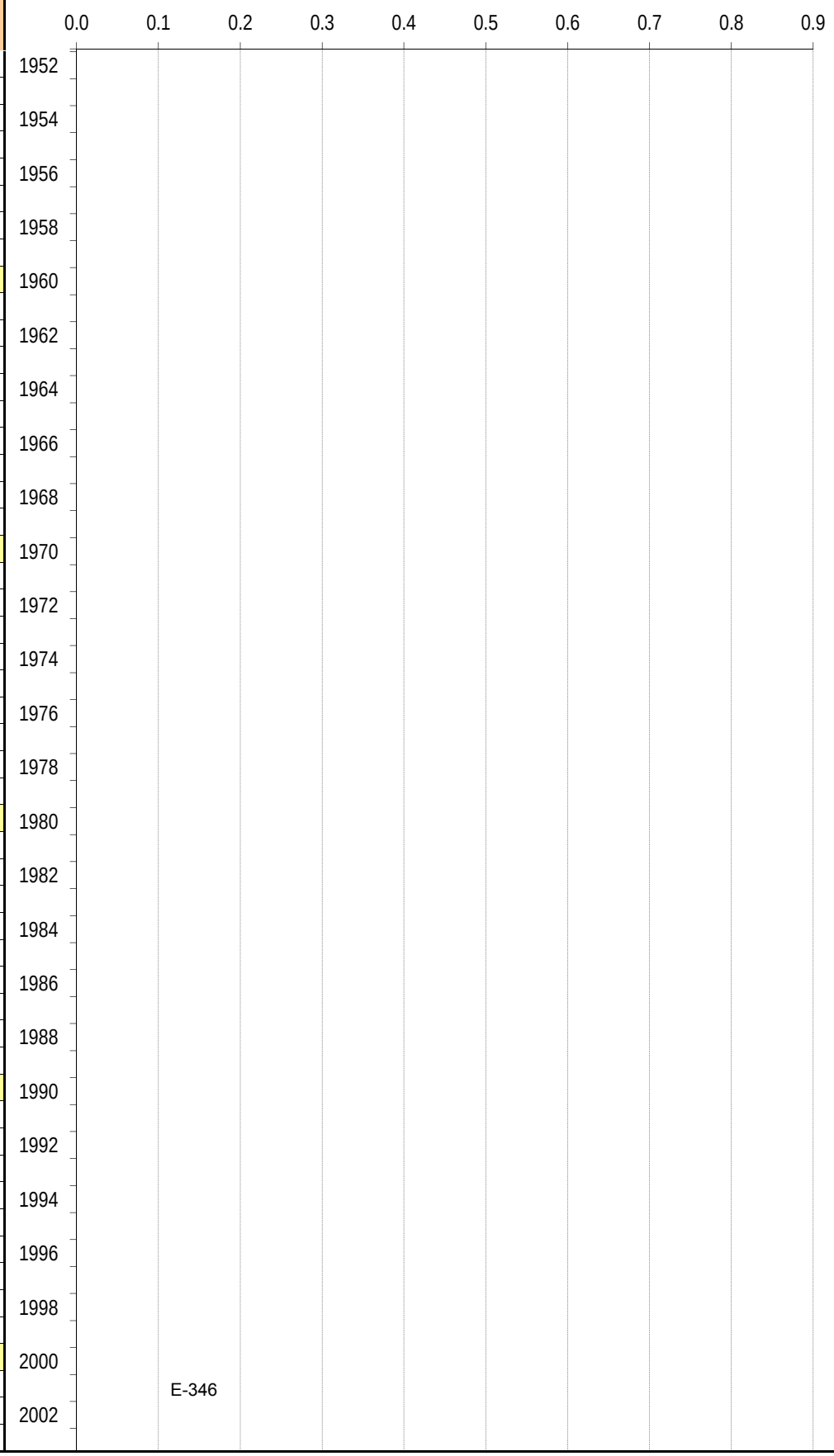
2003		

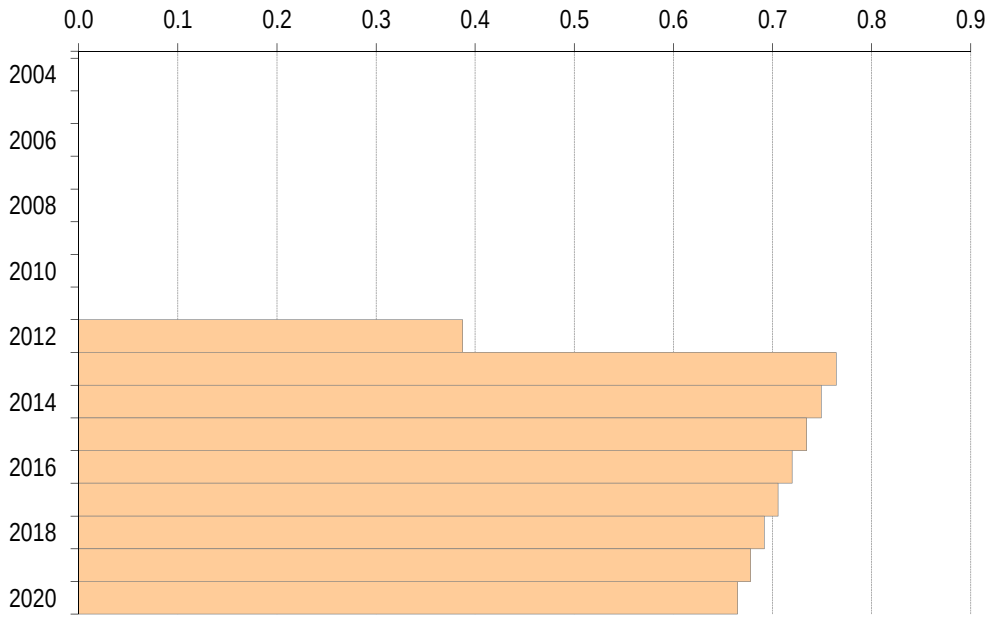


Model Output: Lanfill Characteristics

Landfill Name: Clovis Landfill
State: CA
City/County: Fresno County
Year Opened:
If Closed, Year:
k Value: 0.020
M Value: 6

Model Output: Landfill Gas Captured and Captured Gas Heat (graph values in MMbtu/hr)

Year	Landfill Gas Captured (scf/min)	Captured Gas Heat (MMbtu/hr)
2004		
2005		
2006		
2007		
2008		
2009		
2010		
2011		
2012	13	0.4
2013	25	0.8
2014	25	0.7
2015	24	0.7
2016	24	0.7
2017	23	0.7
2018	23	0.7
2019	22	0.7
2020	22	0.7



Landfill Methane Emissions Estimation Methodology

The calculations made by this tool are based on:

1) The following equations from IPCC's Mathematically Exact First-Order Decay Model, see section 3A1.6.3 of the 2006 IPCC Guidelines available online at: http://www.ipcc-nggip.iges.or.jp/public/2006gl/pdf/5_Volume5/V5_3_Ch3_SWDS.pdf

ANDOC% = Σ $WIPFRAC_i$ x $TDOC_i$ x $DANF_i$	
ANDOC%	Percent of the waste that is degradable
$WIPFRAC_i$	Fraction of the ith component in the Waste-in-Place (WIP)
$TDOC_i$	Total Degradable Organic Carbon fraction of the ith waste component (Mg of that component/Mg of Total WIP)
$DANF_i$	Decomposable Anaerobic Fraction of the ith waste component. That is, the fraction capable of decomposition in anaerobic conditions (Mg of decomposable carbon for that component/Mg TDOCi for that component)

ANDOC = WIP (Tons) x 0.9072 (Mg/Ton) x **ANDOC%**	
ANDOC	Anaerobically Degradable Organic Carbon, carbon that is capable of decomposition in an anaerobic environment (Mg of carbon)
WIP	Waste-in-Place estimate of all the landfilled waste (wet weight) as reported to the CIWMB (Tons)

$$\mathbf{ANDOC_{year\text{-}end}} = \mathbf{ANDOC_{year\text{-}start}} \times e^{-[k]} + \mathbf{ANDOC_{deposited\text{-}last\ year}} \times [1/k \times (e^{-[k \times (1-M/12)]} - e^{-[k]}) - (M/12) \times e^{-[k]}] + \mathbf{ANDOC_{deposited\text{-}same\ year}} \times [(1/k) \times (1-e^{-[k \times (1-M/12)]}) + (M/12)]$$

$ANDOC_{year\text{-}end}$	ANDOC remaining undecomposed at the end of the inventory year in question
$ANDOC_{year\text{-}start}$	ANDOC in place at the beginning of the inventory year in question
$ANDOC_{deposited\text{-}last\ year}$	ANDOC deposited during the previous inventory year
$ANDOC_{deposited\text{-}same\ year}$	ANDOC deposited during the inventory year in question
M	Assumed delay before newly deposited waste begins to undergo anaerobic decomposition (Months, Default=6)
k	Assumed rate constant for anaerobic decomposition; k = ln2/half-life (years); half-life is the number of years required for half of the original mass of carbon to degrade

$$\mathbf{CH_4\ Generation} = \{\mathbf{ANDOC_{year\text{-}start}} \times [1-e^{-[k]}] - \mathbf{ANDOC_{deposited\text{-}last\ year}} \times [1/k \times (e^{-[k \times (1-M/12)]} - e^{-[k]}) - (M/12) \times e^{-[k]}] + \mathbf{ANDOC_{deposited\text{-}same\ year}} \times [1-((1/k) \times (1-e^{-[k \times (1-M/12)]}) + (M/12))]\} \times \mathbf{FCH_4} \times 16/12$$

CH_4 *Generation*	CH_4 generated in the inventory year in question (Mg of CH_4)
FCH_4	Fraction of decomposing carbon converted into CH_4 (Default = 0.5)

CH_4 Emitted = CH_4 Generation x (1-**OX**)	
CH_4 *Emitted*	CH_4 emitted to the atmosphere in the inventory year in question (Mg of CH_4)
OX	Fraction of escaping CH_4 that is oxidized to CO_2 in the cover soil (Default = 0.1)

2) Using an iterative approach (where the $ANDOC_{year\text{-}start}$ for the next inventory year equals the the $ANDOC_{year\text{-}end}$ of the previous inventory year), starting with the landfill's opening year and working through each subsequent years to arrive at the year for which an estimate is desired.

3) Choosing the rate of anaerobic decomposition (k). For the US and Mexico, select one of the following k values from EPA depending on the local average rainfall:

Average Rainfall (Inches/Year)		
<20	20-40	>40
k = 0.02	k = 0.038	k = 0.057

Where to input k values

For Canada, select the k value that corresponds to the province/territory :

Province/Territories	k
Alberta	0.012
British Columbia	0.082
Manitoba	0.019
New Brunswick	0.062
Newfoundland & Labrador	0.078
Nova Scotia	0.077
Northwest Territories	0.005
Nunavut	0.005
Ontario	0.045
Prince Edward Island	0.060
Quebec	0.056
Sakatchewan	0.010
Yukon	0.001

4) Using IPCC default value for the percent of methane oxidized while passing through the landfill to atmosphere:

Percent oxidation: 10%

Note: *Items 5 & 6 below only pertain when using this tool to assist in compliance with the Early Action Landfill Rule, and only affect the results shown in the Landfill Gas Heat Output page.*

5) Using EPA default value for the percent of methane captured by a landfill gas collection system:

Percent collection: 75%

6) Using EPA value for heat content of methane:

Methane heat content: 1,012 btu/scf

Percent of Anaerobically Degradable Carbon (ANDOC%): Default Values Used for California

For documentation on these values, see the ARB's Local Government Operations Protocol, available online at:
http://www.arb.ca.gov/cc/protocols/localgov/pubs/pubs.htm

Table 1: EPA 1960 Waste Characterization Study (Applies for waste deposited up to 1964)

Waste Type	WIPFRAC	TDOC	DANF	%ANDOC
Newspaper	6.40%	47.09%	15.05%	0.45%
Office Paper	10.70%	38.54%	87.03%	3.59%
Corrugated Boxes	10.80%	44.84%	44.25%	2.14%
Coated Paper	2.20%	33.03%	24.31%	0.18%
Food	14.80%	14.83%	86.52%	1.90%
Grass	12.10%	13.30%	47.36%	0.76%
Leaves	6.05%	29.13%	7.30%	0.13%
Branches	6.05%	44.24%	23.14%	0.62%
Lumber	3.70%	43.00%	23.26%	0.37%
Textiles	2.10%	24.00%	50.00%	0.25%
Diapers	0.05%	24.00%	50.00%	0.01%
Construction/Demolition	2.60%	4.00%	50.00%	0.05%
Medical Waste	0.00%	15.00%	50.00%	0.00%
Sludge/Manure	0.00%	5.00%	50.00%	0.00%
MSW Total				**10.45%**

Table 2: EPA 1970 Waste Characterization Study (Applies for waste deposited from 1965 to 1974)

Waste Type	WIPFRAC	TDOC	DANF	%ANDOC
Newspaper	6.40%	47.09%	15.05%	0.45%
Office Paper	11.30%	38.54%	87.03%	3.79%
Corrugated Boxes	13.50%	44.84%	44.25%	2.68%
Coated Paper	2.00%	33.03%	24.31%	0.16%
Food	11.30%	14.83%	86.52%	1.45%
Grass	10.25%	13.30%	47.36%	0.65%
Leaves	5.13%	29.13%	7.30%	0.11%
Branches	5.13%	44.24%	23.14%	0.52%
Lumber	3.30%	43.00%	23.26%	0.33%
Textiles	1.80%	24.00%	50.00%	0.22%
Diapers	0.30%	24.00%	50.00%	0.04%
Construction/Demolition	2.50%	4.00%	50.00%	0.05%
Medical Waste	0.00%	15.00%	50.00%	0.00%
Sludge/Manure	0.00%	5.00%	50.00%	0.00%
MSW Total				**10.44%**

Table 3: EPA 1980 Waste Characterization Study (Applies for waste deposited from 1975 to 1984)

Waste Type	WIPFRAC	TDOC	DANF	%ANDOC
Newspaper	5.90%	47.09%	15.05%	0.42%
Office Paper	12.00%	38.54%	87.03%	4.02%
Corrugated Boxes	11.50%	44.84%	44.25%	2.28%
Coated Paper	2.40%	33.03%	24.31%	0.19%
Food	9.50%	14.83%	86.52%	1.22%
Grass	10.05%	13.30%	47.36%	0.63%
Leaves	5.03%	29.13%	7.30%	0.11%
Branches	5.03%	44.24%	23.14%	0.51%
Lumber	5.10%	43.00%	23.26%	0.51%
Textiles	1.70%	24.00%	50.00%	0.20%
Diapers	1.40%	24.00%	50.00%	0.17%
Construction/Demolition	3.50%	4.00%	50.00%	0.07%
Medical Waste	0.00%	15.00%	50.00%	0.00%
Sludge/Manure	0.00%	5.00%	50.00%	0.00%
MSW Total			E-350	**10.34%**

Table 4: EPA 1990 Waste Characterization Study (Applies for waste deposited from 1985 to 1992)

Waste Type	WIPFRAC	TDOC	DANF	%ANDOC
Newspaper	4.80%	47.09%	15.05%	0.34%
Office Paper	13.10%	38.54%	87.03%	4.39%
Corrugated Boxes	10.50%	44.84%	44.25%	2.08%
Coated Paper	2.10%	33.03%	24.31%	0.17%
Food	12.10%	14.83%	86.52%	1.55%
Grass	8.95%	13.30%	47.36%	0.56%
Leaves	4.48%	29.13%	7.30%	0.10%
Branches	4.48%	44.24%	23.14%	0.46%
Lumber	7.00%	43.00%	23.26%	0.70%
Textiles	3.30%	24.00%	50.00%	0.40%
Diapers	1.60%	24.00%	50.00%	0.19%
Construction/Demolition	3.90%	4.00%	50.00%	0.08%
Medical Waste	0.00%	15.00%	50.00%	0.00%
Sludge/Manure	0.00%	5.00%	50.00%	0.00%
MSW Total				**11.02%**

Table 5: EPA 1995 Waste Characterization Study (Applies for waste deposited from 1993 to 1995)

Waste Type	WIPFRAC	TDOC	DANF	%ANDOC
Newspaper	3.90%	47.09%	15.05%	0.28%
Office Paper	15.00%	38.54%	87.03%	5.03%
Corrugated Boxes	10.30%	44.84%	44.25%	2.04%
Coated Paper	1.80%	33.03%	24.31%	0.14%
Food	13.40%	14.83%	86.52%	1.72%
Grass	6.55%	13.30%	47.36%	0.41%
Leaves	3.28%	29.13%	7.30%	0.07%
Branches	3.28%	44.24%	23.14%	0.34%
Lumber	7.30%	43.00%	23.26%	0.73%
Textiles	4.50%	24.00%	50.00%	0.54%
Diapers	1.90%	24.00%	50.00%	0.23%
Construction/Demolition	4.50%	4.00%	50.00%	0.09%
Medical Waste	0.00%	15.00%	50.00%	0.00%
Sludge/Manure	0.00%	5.00%	50.00%	0.00%
MSW Total				**11.62%**

Table 6: CIWMB 1999 Waste Characterization Study (Applies for waste deposited from 1996 to 2002)

Waste Type	WIPFRAC	TDOC	DANF	%ANDOC
Newspaper	4.28%	47.09%	15.05%	0.30%
Office Paper	4.44%	38.54%	87.03%	1.49%
Corrugated Boxes	4.59%	44.84%	44.25%	0.91%
Coated Paper	16.92%	33.03%	24.31%	1.36%
Food	15.72%	14.83%	86.52%	2.02%
Grass	5.27%	13.30%	47.36%	0.33%
Leaves	2.63%	29.13%	7.30%	0.06%
Branches	2.37%	44.24%	23.14%	0.24%
Lumber	4.91%	43.00%	23.26%	0.49%
Textiles	2.11%	24.00%	50.00%	0.25%
Diapers	6.91%	24.00%	50.00%	0.83%
Construction/Demolition	6.65%	4.00%	50.00%	0.13%
Medical Waste	0.02%	15.00%	50.00%	0.00%
Sludge/Manure	0.14%	5.00%	50.00%	0.00%
MSW Total				**8.42%**

Table 7: CIWMB 2004 Waste Characterization Study (Applies for waste deposited from 2003 to 2006)

Waste Type	WIPFRAC	TDOC	DANF	%ANDOC
Newspaper	2.20%	47.09%	15.05%	0.16%
Office Paper	1.95%	38.54%	87.03%	0.65%
Corrugated Boxes	5.75%	44.84%	44.25%	1.14%
Coated Paper	11.09%	33.03%	24.31%	0.89%
Food	14.55%	14.83%	86.52%	1.87%
Grass	2.81%	13.30%	47.36%	0.18%
Leaves	1.41%	29.13%	7.30%	0.03%
Branches	2.59%	44.24%	23.14%	0.26%
Lumber	9.65%	43.00%	23.26%	0.96%
Textiles	4.44%	24.00%	50.00%	0.53%

Diapers	4.36%	24.00%	50.00%	0.52%
Construction/Demolition	12.06%	4.00%	50.00%	0.24%
Medical Waste	0.04%	15.00%	50.00%	0.00%
Sludge/Manure	0.09%	5.00%	50.00%	0.00%
MSW Total				**7.45%**

Table 8: CIWMB 2008 Waste Characterization Study (Applies for waste deposited from 2007 to the present)

Waste Type	WIPFRAC	TDOC	DANF	%ANDOC
Newspaper	1.65%	47.09%	15.05%	0.12%
Office Paper	1.84%	38.54%	87.03%	0.62%
Corrugated Boxes	4.80%	44.84%	44.25%	0.95%
Coated Paper	8.98%	33.03%	24.31%	0.72%
Food	15.50%	14.83%	86.52%	1.99%
Grass	1.90%	13.30%	47.36%	0.12%
Leaves	3.24%	29.13%	7.30%	0.07%
Branches	1.95%	44.24%	23.14%	0.20%
Lumber	14.51%	43.00%	23.26%	1.45%
Textiles	5.47%	24.00%	50.00%	0.66%
Diapers	4.33%	24.00%	50.00%	0.52%
Construction/Demolition	5.48%	4.00%	50.00%	0.11%
Medical Waste	0.00%	15.00%	50.00%	0.00%
Sludge/Manure	0.05%	5.00%	50.00%	0.00%
MSW Total				**7.52%**

Percent of Anaerobically Degradable Carbon (ANDOC%): Default Values Used for Canada and Mexico

For documentation on these values, see the ARB's Local Government Operations Protocol, available online at:
http://www.arb.ca.gov/cc/protocols/localgov/pubs/pubs.htm

Table 18: IPCC 2006 Waste Characterization Defaults - Central America (Applies for all years of waste deposited)

Waste Type	WIPFRAC	TDOC	DANF	%ANDOC
Newspaper	1.64%	47.09%	15.05%	0.12%
Office Paper	6.30%	38.54%	87.03%	2.11%
Corrugated Boxes	4.93%	44.84%	44.25%	0.98%
Coated Paper	0.82%	33.03%	24.31%	0.07%
Food	43.80%	14.83%	86.52%	5.62%
Grass	0.00%	13.30%	47.36%	0.00%
Leaves	0.00%	29.13%	7.30%	0.00%
Branches	0.00%	44.24%	23.14%	0.00%
Lumber	13.50%	43.00%	23.26%	1.35%
Textiles	4.40%	24.00%	50.00%	0.53%
Diapers	0.00%	24.00%	50.00%	0.00%
Construction/Demolition	0.00%	4.00%	50.00%	0.00%
Medical Waste	0.00%	15.00%	50.00%	0.00%
Sludge/Manure	0.00%	5.00%	50.00%	0.00%
MSW Total				**10.77%**

Table 19: IPCC 2006 Waste Characterization Defaults - North America (Applies for all years of waste deposited)

Waste Type	WIPFRAC	TDOC	DANF	%ANDOC
Newspaper	2.78%	47.09%	15.05%	0.20%
Office Paper	10.67%	38.54%	87.03%	3.58%
Corrugated Boxes	8.35%	44.84%	44.25%	1.66%
Coated Paper	1.39%	33.03%	24.31%	0.11%
Food	33.90%	14.83%	86.52%	4.35%
Grass	0.00%	13.30%	47.36%	0.00%
Leaves	0.00%	29.13%	7.30%	0.00%
Branches	0.00%	44.24%	23.14%	0.00%
Lumber	6.20%	43.00%	23.26%	0.62%
Textiles	5.30%	24.00%	50.00%	0.64%
Diapers	0.00%	24.00%	50.00%	0.00%
Construction/Demolition	0.00%	4.00%	50.00%	0.00%
Medical Waste	0.00%	15.00%	50.00%	0.00%
Sludge/Manure	0.00%	5.00%	50.00%	0.00%
MSW Total				**11.15%**

Percent of Anaerobically Degradable Carbon (ANDOC%): Default Values Used for United States (other than California)

For documentation on these values, see the ARB's Local Government Operations Protocol, available online at:
http://www.arb.ca.gov/cc/protocols/localgov/pubs/pubs.htm

Table 1: EPA 1960 Waste Characterization Study (Applies for waste deposited up to 1964)

Waste Type	WIPFRAC	TDOC	DANF	%ANDOC
Newspaper	6.40%	47.09%	15.05%	0.45%
Office Paper	10.70%	38.54%	87.03%	3.59%
Corrugated Boxes	10.80%	44.84%	44.25%	2.14%
Coated Paper	2.20%	33.03%	24.31%	0.18%
Food	14.80%	14.83%	86.52%	1.90%
Grass	12.10%	13.30%	47.36%	0.76%
Leaves	6.05%	29.13%	7.30%	0.13%
Branches	6.05%	44.24%	23.14%	0.62%
Lumber	3.70%	43.00%	23.26%	0.37%
Textiles	2.10%	24.00%	50.00%	0.25%
Diapers	0.05%	24.00%	50.00%	0.01%
Construction/Demolition	2.60%	4.00%	50.00%	0.05%
Medical Waste	0.00%	15.00%	50.00%	0.00%
Sludge/Manure	0.00%	5.00%	50.00%	0.00%
MSW Total				**10.45%**

Table 2: EPA 1970 Waste Characterization Study (Applies for waste deposited from 1965 to 1974)

Waste Type	WIPFRAC	TDOC	DANF	%ANDOC
Newspaper	6.40%	47.09%	15.05%	0.45%
Office Paper	11.30%	38.54%	87.03%	3.79%
Corrugated Boxes	13.50%	44.84%	44.25%	2.68%
Coated Paper	2.00%	33.03%	24.31%	0.16%
Food	11.30%	14.83%	86.52%	1.45%
Grass	10.25%	13.30%	47.36%	0.65%
Leaves	5.13%	29.13%	7.30%	0.11%
Branches	5.13%	44.24%	23.14%	0.52%
Lumber	3.30%	43.00%	23.26%	0.33%
Textiles	1.80%	24.00%	50.00%	0.22%
Diapers	0.30%	24.00%	50.00%	0.04%
Construction/Demolition	2.50%	4.00%	50.00%	0.05%
Medical Waste	0.00%	15.00%	50.00%	0.00%
Sludge/Manure	0.00%	5.00%	50.00%	0.00%
MSW Total				**10.44%**

Table 3: EPA 1980 Waste Characterization Study (Applies for waste deposited from 1975 to 1984)

Waste Type	WIPFRAC	TDOC	DANF	%ANDOC
Newspaper	5.90%	47.09%	15.05%	0.42%
Office Paper	12.00%	38.54%	87.03%	4.02%
Corrugated Boxes	11.50%	44.84%	44.25%	2.28%
Coated Paper	2.40%	33.03%	24.31%	0.19%
Food	9.50%	14.83%	86.52%	1.22%
Grass	10.05%	13.30%	47.36%	0.63%
Leaves	5.03%	29.13%	7.30%	0.11%
Branches	5.03%	44.24%	23.14%	0.51%
Lumber	5.10%	43.00%	23.26%	0.51%
Textiles	1.70%	24.00%	50.00%	0.20%
Diapers	1.40%	24.00%	50.00%	0.17%
Construction/Demolition	3.50%	4.00%	50.00%	0.07%
Medical Waste	0.00%	15.00%	50.00%	0.00%
Sludge/Manure	0.00%	5.00%	50.00%	0.00%
MSW Total				**10.34%**

Table 4: EPA 1990 Waste Characterization Study (Applies for waste deposited from 1985 to 1992)

Waste Type	WIPFRAC	TDOC	DANF	%ANDOC
Newspaper	4.80%	47.09%	15.05%	0.34%

Office Paper	13.10%	38.54%	87.03%	4.39%
Corrugated Boxes	10.50%	44.84%	44.25%	2.08%
Coated Paper	2.10%	33.03%	24.31%	0.17%
Food	12.10%	14.83%	86.52%	1.55%
Grass	8.95%	13.30%	47.36%	0.56%
Leaves	4.48%	29.13%	7.30%	0.10%
Branches	4.48%	44.24%	23.14%	0.46%
Lumber	7.00%	43.00%	23.26%	0.70%
Textiles	3.30%	24.00%	50.00%	0.40%
Diapers	1.60%	24.00%	50.00%	0.19%
Construction/Demolition	3.90%	4.00%	50.00%	0.08%
Medical Waste	0.00%	15.00%	50.00%	0.00%
Sludge/Manure	0.00%	5.00%	50.00%	0.00%
MSW Total				**11.02%**

Table 5: EPA 1995 Waste Characterization Study (Applies for waste deposited from 1993 to 1997)

Waste Type	WIPFRAC	TDOC	DANF	%ANDOC
Newspaper	3.90%	47.09%	15.05%	0.28%
Office Paper	15.00%	38.54%	87.03%	5.03%
Corrugated Boxes	10.30%	44.84%	44.25%	2.04%
Coated Paper	1.80%	33.03%	24.31%	0.14%
Food	13.40%	14.83%	86.52%	1.72%
Grass	6.55%	13.30%	47.36%	0.41%
Leaves	3.28%	29.13%	7.30%	0.07%
Branches	3.28%	44.24%	23.14%	0.34%
Lumber	7.30%	43.00%	23.26%	0.73%
Textiles	4.50%	24.00%	50.00%	0.54%
Diapers	1.90%	24.00%	50.00%	0.23%
Construction/Demolition	4.50%	4.00%	50.00%	0.09%
Medical Waste	0.00%	15.00%	50.00%	0.00%
Sludge/Manure	0.00%	5.00%	50.00%	0.00%
MSW Total				**11.62%**

Table 9: EPA 2000 Waste Characterization Study (Applies for waste deposited from 1998 to 2000)

Waste Type	WIPFRAC	TDOC	DANF	%ANDOC
Newspaper	3.60%	47.09%	15.05%	0.26%
Office Paper	14.50%	38.54%	87.03%	4.86%
Corrugated Boxes	10.00%	44.84%	44.25%	1.98%
Coated Paper	1.50%	33.03%	24.31%	0.12%
Food	15.40%	14.83%	86.52%	1.98%
Grass	4.35%	13.30%	47.36%	0.27%
Leaves	2.18%	29.13%	7.30%	0.05%
Branches	2.18%	44.24%	23.14%	0.22%
Lumber	7.00%	43.00%	23.26%	0.70%
Textiles	5.20%	24.00%	50.00%	0.62%
Diapers	1.90%	24.00%	50.00%	0.23%
Construction/Demolition	4.70%	4.00%	50.00%	0.09%
Medical Waste	0.00%	15.00%	50.00%	0.00%
Sludge/Manure	0.00%	5.00%	50.00%	0.00%
MSW Total				**11.39%**

Table 10: EPA 2001 Waste Characterization Study (Applies for waste deposited in 2001)

Waste Type	WIPFRAC	TDOC	DANF	%ANDOC
Newspaper	2.10%	47.09%	15.05%	0.15%
Office Paper	14.50%	38.54%	87.03%	4.86%
Corrugated Boxes	9.80%	44.84%	44.25%	1.94%
Coated Paper	1.30%	33.03%	24.31%	0.10%
Food	16.20%	14.83%	86.52%	2.08%
Grass	3.75%	13.30%	47.36%	0.24%
Leaves	1.88%	29.13%	7.30%	0.04%
Branches	1.88%	44.24%	23.14%	0.19%
Lumber	7.40%	43.00%	23.26%	0.74%
Textiles	5.60%	24.00%	50.00%	0.67%
Diapers	2.10%	24.00%	50.00%	0.25%
Construction/Demolition	5.00%	4.00%	50.00%	0.10%
Medical Waste	0.00%	15.00%	50.00%	0.00%
Sludge/Manure	0.00%	5.00%	50.00%	0.00%

MSW Total				11.37%

Table 11: EPA 2002 Waste Characterization Study (Applies for waste deposited in 2002)

Waste Type	WIPFRAC	TDOC	DANF	%ANDOC
Newspaper	1.90%	47.09%	15.05%	0.13%
Office Paper	14.70%	38.54%	87.03%	4.93%
Corrugated Boxes	9.80%	44.84%	44.25%	1.94%
Coated Paper	1.20%	33.03%	24.31%	0.10%
Food	16.10%	14.83%	86.52%	2.07%
Grass	3.75%	13.30%	47.36%	0.24%
Leaves	1.88%	29.13%	7.30%	0.04%
Branches	1.88%	44.24%	23.14%	0.19%
Lumber	7.40%	43.00%	23.26%	0.74%
Textiles	5.70%	24.00%	50.00%	0.68%
Diapers	2.10%	24.00%	50.00%	0.25%
Construction/Demolition	5.10%	4.00%	50.00%	0.10%
Medical Waste	0.00%	15.00%	50.00%	0.00%
Sludge/Manure	0.00%	5.00%	50.00%	0.00%
MSW Total				**11.42%**

Table 12: EPA 2003 Waste Characterization Study (Applies for waste deposited in 2003)

Waste Type	WIPFRAC	TDOC	DANF	%ANDOC
Newspaper	1.90%	47.09%	15.05%	0.13%
Office Paper	13.60%	38.54%	87.03%	4.56%
Corrugated Boxes	9.20%	44.84%	44.25%	1.83%
Coated Paper	1.40%	33.03%	24.31%	0.11%
Food	16.60%	14.83%	86.52%	2.13%
Grass	3.90%	13.30%	47.36%	0.25%
Leaves	1.95%	29.13%	7.30%	0.04%
Branches	1.95%	44.24%	23.14%	0.20%
Lumber	7.40%	43.00%	23.26%	0.74%
Textiles	5.90%	24.00%	50.00%	0.71%
Diapers	2.00%	24.00%	50.00%	0.24%
Construction/Demolition	5.00%	4.00%	50.00%	0.10%
Medical Waste	0.00%	15.00%	50.00%	0.00%
Sludge/Manure	0.00%	5.00%	50.00%	0.00%
MSW Total				**11.04%**

Table 13: EPA 2004 Waste Characterization Study (Applies for waste deposited in 2004)

Waste Type	WIPFRAC	TDOC	DANF	%ANDOC
Newspaper	2.50%	47.09%	15.05%	0.18%
Office Paper	13.00%	38.54%	87.03%	4.36%
Corrugated Boxes	9.60%	44.84%	44.25%	1.90%
Coated Paper	1.50%	33.03%	24.31%	0.12%
Food	16.70%	14.83%	86.52%	2.14%
Grass	3.50%	13.30%	47.36%	0.22%
Leaves	1.75%	29.13%	7.30%	0.04%
Branches	1.75%	44.24%	23.14%	0.18%
Lumber	7.30%	43.00%	23.26%	0.73%
Textiles	5.90%	24.00%	50.00%	0.71%
Diapers	2.00%	24.00%	50.00%	0.24%
Construction/Demolition	5.00%	4.00%	50.00%	0.10%
Medical Waste	0.00%	15.00%	50.00%	0.00%
Sludge/Manure	0.00%	5.00%	50.00%	0.00%
MSW Total				**10.92%**

Table 14: EPA 2005 Waste Characterization Study (Applies for waste deposited in 2005)

Waste Type	WIPFRAC	TDOC	DANF	%ANDOC
Newspaper	2.00%	47.09%	15.05%	0.14%
Office Paper	12.80%	38.54%	87.03%	4.29%
Corrugated Boxes	8.80%	44.84%	44.25%	1.75%
Coated Paper	1.50%	33.03%	24.31%	0.12%
Food	17.30%	14.83%	86.52%	2.22%
Grass	3.60%	13.30%	47.36%	0.23%
Leaves	1.80%	29.13%	7.30%	0.04%
Branches	1.80%	44.24%	23.14%	0.18%
Lumber	7.50%	43.00%	23.26%	0.75%

Textiles	6.10%	24.00%	50.00%	0.73%
Diapers	2.00%	24.00%	50.00%	0.24%
Construction/Demolition	5.20%	4.00%	50.00%	0.10%
Medical Waste	0.00%	15.00%	50.00%	0.00%
Sludge/Manure	0.00%	5.00%	50.00%	0.00%
MSW Total				**10.80%**

Table 15: EPA 2006 Waste Characterization Study (Applies for waste deposited in 2006)

Waste Type	WIPFRAC	TDOC	DANF	%ANDOC
Newspaper	1.80%	47.09%	15.05%	0.13%
Office Paper	12.10%	38.54%	87.03%	4.06%
Corrugated Boxes	8.70%	44.84%	44.25%	1.73%
Coated Paper	1.50%	33.03%	24.31%	0.12%
Food	17.60%	14.83%	86.52%	2.26%
Grass	3.60%	13.30%	47.36%	0.23%
Leaves	1.80%	29.13%	7.30%	0.04%
Branches	1.80%	44.24%	23.14%	0.18%
Lumber	7.40%	43.00%	23.26%	0.74%
Textiles	6.30%	24.00%	50.00%	0.76%
Diapers	2.10%	24.00%	50.00%	0.25%
Construction/Demolition	5.30%	4.00%	50.00%	0.11%
Medical Waste	0.00%	15.00%	50.00%	0.00%
Sludge/Manure	0.00%	5.00%	50.00%	0.00%
MSW Total				**10.59%**

Table 16: EPA 2007 Waste Characterization Study (Applies for waste deposited in 2007)

Waste Type	WIPFRAC	TDOC	DANF	%ANDOC
Newspaper	1.30%	47.09%	15.05%	0.09%
Office Paper	11.20%	38.54%	87.03%	3.76%
Corrugated Boxes	8.20%	44.84%	44.25%	1.63%
Coated Paper	1.40%	33.03%	24.31%	0.11%
Food	18.10%	14.83%	86.52%	2.32%
Grass	3.45%	13.30%	47.36%	0.22%
Leaves	1.73%	29.13%	7.30%	0.04%
Branches	1.73%	44.24%	23.14%	0.18%
Lumber	8.50%	43.00%	23.26%	0.85%
Textiles	6.40%	24.00%	50.00%	0.77%
Diapers	2.20%	24.00%	50.00%	0.26%
Construction/Demolition	5.50%	4.00%	50.00%	0.11%
Medical Waste	0.00%	15.00%	50.00%	0.00%
Sludge/Manure	0.00%	5.00%	50.00%	0.00%
MSW Total				**10.33%**

Table 17: EPA 2008 Waste Characterization Study (Applies for waste deposited from 2008 to the present)

Waste Type	WIPFRAC	TDOC	DANF	%ANDOC
Newspaper	0.60%	47.09%	15.05%	0.04%
Office Paper	11.50%	38.54%	87.03%	3.86%
Corrugated Boxes	7.40%	44.84%	44.25%	1.47%
Coated Paper	1.30%	33.03%	24.31%	0.10%
Food	18.60%	14.83%	86.52%	2.39%
Grass	3.50%	13.30%	47.36%	0.22%
Leaves	1.75%	29.13%	7.30%	0.04%
Branches	1.75%	44.24%	23.14%	0.18%
Lumber	8.90%	43.00%	23.26%	0.89%
Textiles	6.90%	24.00%	50.00%	0.83%
Diapers	2.30%	24.00%	50.00%	0.28%
Construction/Demolition	5.80%	4.00%	50.00%	0.12%
Medical Waste	0.00%	15.00%	50.00%	0.00%
Sludge/Manure	0.00%	5.00%	50.00%	0.00%
MSW Total				**10.41%**

Landfill Specific Value Calculator for the Percent of Anaerobically Degradable Carbon (ANDOC%)

Landfill specific Waste Characterization Data

Waste Type	WIPFRAC	TDOC	DANF	%ANDOC
Newspaper	6.40%	47.09%	15.05%	0.45%
Office Paper	10.70%	38.54%	87.03%	3.59%
Corrugated Boxes	10.80%	44.84%	44.25%	2.14%
Coated Paper	2.20%	33.03%	24.31%	0.18%
Food	14.80%	14.83%	86.52%	1.90%
Grass	12.10%	13.30%	47.36%	0.76%
Leaves	6.05%	29.13%	7.30%	0.13%
Branches	6.05%	44.24%	23.14%	0.62%
Lumber	3.70%	43.00%	23.26%	0.37%
Textiles	2.10%	24.00%	50.00%	0.25%
Diapers	0.05%	24.00%	50.00%	0.01%
Construction/Demolition	2.60%	4.00%	50.00%	0.05%
Medical Waste	0.00%	15.00%	50.00%	0.00%
Sludge/Manure	0.00%	5.00%	50.00%	0.00%
MSW Total				**10.45%**

1) Enter your landfill specific waste characterization data (WIPFRAC).
2) Copy the result of the calculation (MSW total) and overwrite the default %ANDOC value for the particular year on the ***Landfill Model Inputs*** page.
Note: Only the data for the Fraction of the Waste in Place (WIPFRAC) should be altered. If you wish to modify the TDOC or DANF values, please contact ARB staff.

Jurisdiction Disposal By Facility

With Reported Alternative Daily Cover (ADC) and Alternative Intermediate Cover (AIC)

Disposal during 2010 for Clovis

Destination Facility	SWISNo	Qtr	Instate Ton	Transform Ton	Export Ton	Total ADC	Total AIC
American Avenue Disposal Site	10-AA-0009		1,673				
Avenal Regional Landfill	16-AA-0004		26,091				
Azusa Land Reclamation Co. Landfill	19-AA-0013		110				
Bakersfield Metropolitan (Bena) SLF	15-AA-0273						
City Of Clovis Landfill	10-AA-0004		43,291				
Covanta Stanislaus, Inc.	50-AA-0009						
CWMI, KHF (MSW Landfill B-19)	16-AA-0021		19				
Kettleman Hills - B18 Nonhaz Codisposal	16-AA-0023		17				
Yearly Totals:			71,202.46.	.28.	..	..	..

Notes:
1. Disposal tonnage is subject to change due to revisions. Report is based upon information provided by County disposal reports.
2. AIC information was not collected prior to 2006.
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Jurisdiction Disposal By Facility

With Reported Alternative Daily Cover (ADC) and Alternative Intermediate Cover (AIC)

Disposal during 2011 for Clovis

Destination Facility	SWISNo	Qtr	Instate Ton	Transform Ton	Export Ton	Total ADC	Total AIC
American Avenue Disposal Site	10-AA-0009		1,447				
Avenal Regional Landfill	16-AA-0004		11,950				
Azusa Land Reclamation Co. Landfill	19-AA-0013		24				
City Of Clovis Landfill	10-AA-0004		46,321				
CWMI, KHF (MSW Landfill B-19)	16-AA-0021		600				
Forward Landfill, Inc.	39-AA-0015						
Vasco Road Sanitary Landfill	01-AA-0010		13				
Yearly Totals:			60,354.45.		..	..	..

Notes:
1. Disposal tonnage is subject to change due to revisions. Report is based upon information provided by County disposal reports.
2. AIC information was not collected prior to 2006.
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Jurisdiction Disposal By Facility

With Reported Alternative Daily Cover (ADC) and Alternative Intermediate Cover (AIC)

Disposal during 2012 for Clovis

Destination Facility	SWISNo	Qtr	Instate Ton	Transform Ton	Export Ton	Total ADC	Total AIC
American Avenue Disposal Site	10-AA-0009		4,193				
Avenal Regional Landfill	16-AA-0004		9,258				
City Of Clovis Landfill	10-AA-0004		45,387				
Covanta Stanislaus, Inc.	50-AA-0009			1			
CWMI, KHF (MSW Landfill B-19)	16-AA-0021		1,271				
McKittrick Waste Treatment Site	15-AA-0105		2				
Recology Hay Road	48-AA-0002		20				
Yearly Totals:			60,131.09.	1.08.	..	..	..

Notes:
1. Disposal tonnage is subject to change due to revisions. Report is based upon information provided by County disposal reports.
2. AIC information was not collected prior to 2006.
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Area Sources - Criteria Air Pollutants

2012	OFFROAD2007 Estimate based on:	ROG Exhaust lbs/day	NO_x Exhaust	CO Exhaust	SO_2 Exhaust	PM_{10} Exhaust	$PM_{2.5}$ Exhaust*
Construction Equipment	Based on the percentage of building permits issued in Clovis compared to Fresno County.	350	2,433	2,049	3	149	147
Lawn & Garden Equipment	Based on the percentage of residential units in Clovis compared to Fresno County.	216	58	2,630	0	8	8
Light Commercial Equipment	Based on the percentage of employment in Clovis compared to Fresno County.	13	26	317	0	3	3
Agricultural Equipment	Based on the percentage of agricultural land in Clovis compared to Fresno County	26	160	192	0	9	9
TOTAL		605	2,676	5,188	3	169	167

2035	Forecast Adjusted for:	ROG Exhaust lbs/day	NO_x Exhaust	CO Exhaust	SO2 Exhaust	PM10 Exhaust	PM2.5 Exhaust*
Construction Equipment	similar to historic	350	2,433	2,049	3	149	147
Lawn & Garden Equipment	proportional to population growth	349	93	4,256	0	13	13
Light Commercial Equipment	proportional to employment growth	26	52	649	0	6	5
Agricultural Equipment	Based on the decrease in agricultural land	25	151	181	0	9	9
TOTAL		750	2,729	7,136	4	176	174

Post- 2035	Forecast Adjusted for:	ROG Exhaust lbs/day	NO_x Exhaust	CO Exhaust	SO2 Exhaust	PM10 Exhaust	PM2.5 Exhaust*
Construction Equipment	similar to historic	350	2,433	2,049	3	149	147
Lawn & Garden Equipment	proportional to population growth	558	149	6,804	1	20	20
Light Commercial Equipment	proportional to employment growth	36	72	890	0	8	8
Agricultural Equipment	Based on the decrease in agricultural land	15	92	111	0	5	5
TOTAL		959	2,746	9,854	4	182	180

Agricultural Land with the City + Planning Area

2012	2035**	% Change	P-2035	% Change
16,488	15,531	-6%	9,506	-42%

* assumes PM2.5 is 99 percent of PM10

**Based on forecasted rate of change for the County of Fresno for years from 2000 to 2010.

Sources

Building Permits

Source: U.S. Census Bureau
http://censtats.census.gov/bldg/bldgprmt.shtml

Employment

Source. U.S. Census Bureau. 2010. Longitudinal Employer-Household Dynamics.
http://lehd.ces.census.gov/

Population

Source. U.S. Census Bureau, 2010.

Agricultural Acreage

Source. California Division of Land Resource Protection
http://redirect.conservation.ca.gov/DLRP/fmmp/county_info_results.asp

Other Emissions Sources - Off-road Equipment

Source: OFFROAD2007. Based on equipment use in Fresno County.

Year 2012	2012 MTons of CO_2e	Notes
Construction Equipment	41,435	Based on the percentage of residential building permits issued in Clovis compared to Fresno County.
Lawn & Garden Equipment	1,768	Based on the percentage of residential units in Clovis compared to Fresno County.
Light Commercial Equipment	494	Based on the percentage of employment in Clovis compared to Fresno County.
Agriculture Equipment	2,702	Based on percentage of agricultural land in Clovis planning area compared to Fresno County.
TOTAL	46,399	

Year 2035	2035 MTons of CO_2e	Notes
Construction Equipment	41,435	similar to historic
Lawn & Garden Equipment	2,862	proportional to population growth
Light Commercial Equipment	1,011	proportional to employment growth
Agriculture Equipment	2,545	proportional to change in farmland
TOTAL	47,853	

Year P-2035	P-2035 MTons of CO_2e	Notes
Construction Equipment	41,435	similar to historic
Lawn & Garden Equipment	4,576	proportional to population growth
Light Commercial Equipment	1,385	proportional to employment growth
Agriculture Equipment	1,558	proportional to change in farmland
TOTAL	47,395	

Year 2035 BAU	2035 BAU MTons of CO_2e	Notes
Construction Equipment	35,248	similar to historic
Lawn & Garden Equipment	2,674	proportional to population growth
Light Commercial Equipment	985	proportional to employment growth
Agriculture Equipment	-232	proportional to change in farmland
TOTAL	38,675	

Year P-2035 BAU	P-2035 BAU MTons of CO_2e	Notes
Construction Equipment	35,248	similar to historic
Lawn & Garden Equipment	4,274	proportional to population growth
Light Commercial Equipment	1,349	proportional to employment growth
Agriculture Equipment	2,300	proportional to change in farmland
TOTAL	43,171	

Other Emissions Sources - Off-road Equipment

Source: OFFROAD2007. Based on equipment use in Fresno County.

Adjusted Business as Usual - Low Carbon Fuel Standard

On December 29, 2011, the U.S. District Court for the Eastern District of California issued several rulings in the federal lawsuits challenging the LCFS. One of the court's rulings preliminarily enjoins the CARB from enforcing the regulation during the pendency of the litigation. In January 2012, CARB appealed the decision and on April 23, 2012, the Ninth Circuit Court granted CARB's motion for a stay of the injunction while it continues to consider CARB's appeal of the lower court's decision.

Year 2035 Adjusted	2035 MTons of CO_2e	Notes
Construction Equipment	37,291	With LCFS (10% reduction)
Lawn&Garden Equipment	2,576	With LCFS (10% reduction)
Light Commercial Equipment	910	With LCFS (10% reduction)
Agricultural Equipment	2,291	With LCFS (10% reduction)
TOTAL	43,068	
reduction	4,785	

Year P-2035 Adjusted	P-2035 MTons of CO_2e	Notes
Construction Equipment	37,291	With LCFS (10% reduction)
Lawn&Garden Equipment	4,118	With LCFS (10% reduction)
Light Commercial Equipment	1,246	With LCFS (10% reduction)
Agricultural Equipment	1,402	With LCFS (10% reduction)
TOTAL	44,058	
reduction	3,337	

Sources

Building Permits

Source: U.S. Census Bureau
http://censtats.census.gov/cgi-bin/bldgprmt/bldgdisp.pl

Employment

Source. U.S. Census Bureau. 2010. Longitudinal Employer-Household Dynamics. http://lehd.ces.census.gov/

Population

Source. U.S. Census Bureau, 2010.

Farmland

Source: California Division of Land Resource Protection

Construction					Tons/Day										MTons/Year
Equipment	Fuel	MaxHP C/R	Population	Activity	Consumption	ROG Exhaust	NOX Exhaust	CO Exhaust	SO2 Exhaust	PM Exhaust	CO2 Exhaust	N2O Exhaust	CH4 Exhaust	CO2e	CO2e
Tampers/Rammers	G2	15 U	7.95E+01	3.97E+01	8.00E+00	5.04E-04	3.87E-04	2.16E-02	1.70E-06	3.46E-04	4.13E-02	6.17E-05	3.13E-05	6.11E-02	19
Plate Compactors	G2	15 U	6.82E+00	3.85E+00	7.77E-01	4.88E-05	3.75E-05	2.10E-03	1.65E-07	3.36E-05	4.01E-03	5.99E-06	3.04E-06	5.93E-03	2
Asphalt Pavers	G4	15 U	1.73E+00	1.88E+00	1.07E+00	8.01E-05	5.96E-05	3.01E-03	1.51E-07	4.44E-05	5.29E-03	5.39E-06	4.66E-06	7.06E-03	2
Asphalt Pavers	G4	25 U	2.96E+00	3.22E+00	4.61E+00	3.53E-04	2.30E-04	1.34E-02	5.61E-07	1.86E-04	2.21E-02	1.42E-05	2.06E-05	2.70E-02	8
Asphalt Pavers	G4	50 U	1.52E+00	1.63E+00	3.78E+00	1.40E-04	2.06E-04	3.95E-03	3.61E-07	2.28E-06	2.97E-02	9.16E-06	8.16E-06	3.27E-02	10
Asphalt Pavers	G4	120 U	8.33E-01	8.95E-01	3.50E+00	9.59E-05	2.90E-04	1.68E-03	2.97E-07	2.38E-06	3.08E-02	7.88E-06	5.58E-06	3.33E-02	10
Tampers/Rammers	G4	15 U	3.67E+00	1.83E+00	8.74E-01	6.72E-05	4.71E-05	2.47E-03	1.22E-07	3.60E-05	4.29E-03	4.69E-06	3.91E-06	5.83E-03	2
Plate Compactors	G4	5 U	1.35E+02	6.65E+01	1.19E+01	1.65E-03	7.46E-04	2.50E-02	2.39E-06	2.26E-05	6.92E-02	1.09E-04	9.63E-05	1.05E-01	33
Plate Compactors	G4	15 U	1.43E+02	8.07E+01	3.41E+01	2.55E-03	1.87E-03	9.60E-02	4.79E-06	1.41E-03	1.68E-01	1.95E-04	1.49E-04	2.32E-01	73
Rollers	G4	5 U	1.50E+01	3.41E+00	9.08E-01	1.08E-04	4.86E-05	2.13E-03	1.73E-07	1.63E-06	5.01E-03	6.37E-06	6.28E-06	7.12E-03	2
Rollers	G4	15 U	2.43E+01	2.06E+01	1.10E+01	8.16E-04	6.08E-04	3.10E-02	1.55E-06	4.57E-04	5.45E-02	5.68E-05	4.76E-05	7.31E-02	23
Rollers	G4	25 U	1.64E+01	1.39E+01	1.62E+01	1.23E-03	8.01E-04	4.69E-02	1.97E-06	6.51E-04	7.77E-02	5.48E-05	7.16E-05	9.61E-02	30
Rollers	G4	50 U	1.07E+00	1.82E+00	4.81E+00	2.24E-04	2.81E-04	6.08E-03	4.38E-07	2.76E-06	3.60E-02	1.16E-05	1.31E-05	3.99E-02	13
Rollers	G4	120 U	2.01E+00	3.42E+00	1.58E+01	5.65E-04	1.42E-03	9.52E-03	1.31E-06	1.05E-05	1.36E-01	3.54E-05	3.29E-05	1.47E-01	46
Paving Equipment	G4	5 U	1.88E+02	8.79E+01	1.69E+01	2.33E-03	1.05E-03	3.59E-02	3.39E-06	3.20E-05	9.82E-02	1.49E-04	1.36E-04	1.47E-01	46
Paving Equipment	G4	15 U	3.19E+02	1.75E+02	9.90E+01	7.40E-03	5.41E-03	2.79E-01	1.39E-05	4.09E-03	4.88E-01	4.94E-04	4.31E-04	6.51E-01	205
Paving Equipment	G4	25 U	7.09E+00	3.89E+00	4.98E+00	3.80E-04	2.44E-04	1.45E-02	6.05E-07	2.00E-04	2.39E-02	1.60E-05	2.22E-05	2.93E-02	9
Paving Equipment	G4	50 U	4.14E+00	1.99E+00	4.48E+00	9.58E-05	1.66E-04	3.42E-03	4.55E-07	2.87E-06	3.75E-02	8.70E-06	5.58E-06	4.03E-02	13
Paving Equipment	G4	120 U	1.07E+00	5.12E-01	1.86E+00	2.62E-05	9.46E-05	5.50E-04	1.65E-07	1.32E-06	1.70E-02	3.12E-06	1.53E-06	1.80E-02	6
Surfacing Equipment	G4	5 U	3.46E+01	1.90E+01	3.75E+00	5.33E-04	2.41E-04	7.73E-03	7.60E-07	7.17E-06	2.20E-02	3.33E-05	3.11E-05	3.30E-02	10
Surfacing Equipment	G4	15 U	1.03E+02	1.42E+02	5.33E+01	4.14E-03	3.08E-03	1.50E-01	7.50E-06	2.21E-03	2.63E-01	3.32E-04	2.41E-04	3.71E-01	117
Surfacing Equipment	G4	25 U	1.41E+00	1.94E+00	1.78E+00	1.42E-04	9.25E-05	5.17E-03	2.17E-07	7.17E-05	8.55E-03	6.91E-06	8.26E-06	1.09E-02	3
Signal Boards	G4	5 U	4.27E-01	1.52E-01	4.86E-02	6.14E-06	2.77E-06	1.09E-04	9.46E-09	8.93E-08	2.74E-04	3.24E-07	3.58E-07	3.82E-04	0
Signal Boards	G4	15 U	3.04E+00	2.37E+00	1.38E+00	1.01E-04	7.55E-05	3.88E-03	1.94E-07	5.71E-05	6.81E-03	6.80E-06	5.91E-06	9.05E-03	3
Trenchers	G4	15 U	2.81E+01	3.35E+01	2.12E+01	1.60E-03	1.19E-03	5.95E-02	2.98E-06	8.76E-04	1.05E-01	1.02E-04	9.34E-05	1.38E-01	43
Trenchers	G4	25 U	2.18E+01	2.59E+01	3.55E+01	2.76E-03	1.80E-03	1.03E-01	4.31E-06	1.43E-03	1.70E-01	1.13E-04	1.60E-04	2.08E-01	66
Trenchers	G4	50 U	9.71E+00	1.07E+01	2.35E+01	9.44E-04	1.36E-03	2.58E-02	2.23E-06	1.40E-05	1.83E-01	6.09E-05	5.50E-05	2.03E-01	64
Trenchers	G4	120 U	3.22E+00	3.55E+00	1.51E+01	4.55E-04	1.34E-03	7.77E-03	1.28E-06	1.02E-05	1.32E-01	3.47E-05	2.65E-05	1.43E-01	45
Bore/Drill Rigs	G4	15 U	8.04E-01	2.73E-01	2.08E-01	1.55E-05	1.09E-05	5.90E-04	2.92E-08	8.57E-06	1.02E-03	8.82E-07	9.03E-07	1.31E-03	0
Bore/Drill Rigs	G4	25 U	4.00E+00	1.36E+00	1.91E+00	1.44E-04	8.96E-05	5.57E-03	2.32E-07	7.67E-05	9.14E-03	5.74E-06	8.40E-06	1.11E-02	3
Bore/Drill Rigs	G4	50 U	4.70E-01	1.38E-01	3.67E-01	1.12E-05	2.07E-05	3.11E-04	3.66E-08	2.30E-07	3.01E-03	8.46E-07	6.52E-07	3.28E-03	1
Bore/Drill Rigs	G4	120 U	2.16E+00	6.33E-01	4.19E+00	9.27E-05	3.66E-04	1.63E-03	3.63E-07	2.91E-06	3.75E-02	7.66E-06	5.40E-06	4.00E-02	13
Bore/Drill Rigs	G4	175 U	5.34E-01	1.57E-01	1.41E+00	1.84E-05	1.43E-04	3.98E-04	1.29E-07	1.03E-06	1.29E-02	2.42E-06	1.07E-06	1.37E-02	4
Concrete/Industrial Saws	G4	5 U	1.47E+01	5.26E+00	1.38E+00	1.74E-04	7.86E-05	3.10E-03	2.68E-07	2.53E-06	7.77E-03	1.01E-05	1.01E-05	1.11E-02	3
Concrete/Industrial Saws	G4	15 U	6.63E+01	5.64E+01	3.79E+01	2.81E-03	2.09E-03	1.07E-01	5.34E-06	1.57E-03	1.87E-01	1.75E-04	1.64E-04	2.45E-01	77
Concrete/Industrial Saws	G4	25 U	2.08E+01	1.76E+01	2.31E+01	1.75E-03	1.14E-03	6.69E-02	2.81E-06	9.28E-04	1.11E-01	7.39E-05	1.02E-04	1.36E-01	43
Concrete/Industrial Saws	G4	50 U	1.75E+00	2.93E+00	8.08E+00	8.24E-05	1.22E-04	5.52E-03	8.39E-07	5.29E-06	6.90E-02	9.68E-06	4.80E-06	7.21E-02	23
Concrete/Industrial Saws	G4	120 U	1.00E+00	1.68E+00	7.90E+00	3.39E-05	7.79E-05	1.50E-03	7.13E-07	5.71E-06	7.38E-02	5.88E-06	1.97E-06	7.56E-02	24
Cement and Mortar Mixers	G4	5 U	2.68E+02	6.76E+01	1.69E+01	2.08E-03	9.40E-04	3.86E-02	3.26E-06	3.08E-05	9.44E-02	1.24E-04	1.21E-04	1.35E-01	43
Cement and Mortar Mixers	G4	15 U	4.54E+02	1.14E+02	5.58E+01	5.64E-03	2.43E-03	1.66E-01	7.29E-06	2.08E-03	2.56E-01	2.63E-04	3.29E-04	3.44E-01	108
Cement and Mortar Mixers	G4	25 U	1.91E+00	4.82E-01	7.38E-01	6.99E-05	2.88E-05	2.22E-03	8.53E-08	2.74E-05	3.36E-03	1.92E-06	4.07E-06	4.04E-03	1
Cranes	G4	50 U	5.34E-01	6.07E-01	1.18E+00	4.76E-05	6.78E-05	1.30E-03	1.11E-07	6.99E-07	9.12E-03	3.23E-06	2.77E-06	1.02E-02	3
Cranes	G4	120 U	1.07E+00	1.21E+00	4.14E+00	1.26E-04	3.67E-04	2.14E-03	3.48E-07	2.79E-06	3.61E-02	1.05E-05	7.31E-06	3.95E-02	12
Cranes	G4	175 U	4.27E-02	4.86E-02	2.60E-01	3.96E-06	2.79E-05	8.15E-05	2.35E-08	1.89E-07	2.37E-03	5.93E-07	2.31E-07	2.56E-03	1
Crushing/Proc. Equipment	G4	15 U	7.29E-01	5.77E-01	4.23E-01	3.12E-05	2.32E-05	1.19E-03	5.96E-08	1.75E-05	2.09E-03	1.88E-06	1.82E-06	2.71E-03	1
Crushing/Proc. Equipment	G4	25 U	4.77E-01	3.78E-01	5.07E-01	3.83E-05	2.50E-05	1.47E-03	6.17E-08	2.04E-05	2.44E-03	1.60E-06	2.23E-06	2.98E-03	1
Crushing/Proc. Equipment	G4	120 U	6.19E-01	4.09E-01	3.22E+00	8.29E-05	2.83E-04	1.44E-03	2.75E-07	2.21E-06	2.85E-02	5.49E-06	4.83E-06	3.03E-02	10
Rough Terrain Forklifts	G4	50 U	2.13E-01	2.42E-01	7.96E-01	3.22E-05	4.59E-05	8.80E-04	7.52E-08	4.73E-07	6.18E-03	1.71E-06	1.88E-06	6.75E-03	2
Rough Terrain Forklifts	G4	120 U	3.03E+00	3.43E+00	1.80E+01	5.46E-04	1.60E-03	9.32E-03	1.52E-06	1.22E-05	1.57E-01	3.75E-05	3.18E-05	1.69E-01	53
Rough Terrain Forklifts	G4	175 U	1.07E-01	1.21E-01	9.87E-01	1.50E-05	1.06E-04	3.09E-04	8.92E-08	7.15E-07	8.98E-03	1.84E-06	8.73E-07	9.57E-03	3
Rubber Tired Loaders	G4	50 U	5.34E-01	7.49E-01	1.83E+00	7.78E-05	1.05E-04	2.13E-03	1.70E-07	1.07E-06	1.40E-02	4.49E-06	4.53E-06	1.55E-02	5
Rubber Tired Loaders	G4	120 U	3.54E+00	4.98E+00	1.91E+01	6.13E-04	1.68E-03	1.05E-02	1.60E-06	1.28E-05	1.65E-01	4.56E-05	3.57E-05	1.80E-01	57
Tractors/Loaders/Backhoes	G4	120 U	1.88E+00	4.48E+00	1.32E+01	2.58E-04	6.22E-04	6.57E-03	1.12E-06	8.96E-06	1.16E-01	2.45E-05	1.50E-05	1.24E-01	39
Skid Steer Loaders	G4	15 U	1.43E+00	1.25E+00	9.74E-01	7.31E-05	5.44E-05	2.74E-03	1.37E-07	4.04E-05	4.82E-03	4.24E-06	4.26E-06	6.22E-03	2
Skid Steer Loaders	G4	25 U	9.58E+01	8.38E+01	9.10E+01	7.01E-03	4.57E-03	2.64E-01	1.11E-05	3.66E-03	4.37E-01	3.20E-04	4.08E-04	5.45E-01	171
Skid Steer Loaders	G4	50 U	1.46E+01	1.24E+01	2.36E+01	3.14E-04	5.10E-04	1.80E-02	2.41E-06	1.52E-05	1.98E-01	3.89E-05	1.83E-05	2.11E-01	66
Skid Steer Loaders	G4	120 U	8.71E+00	7.40E+00	3.17E+01	2.18E-04	6.75E-04	7.48E-03	2.83E-06	2.27E-05	2.93E-01	3.27E-05	1.27E-05	3.04E-01	96
Dumpers/Tenders	G4	5 U	1.37E+01	5.58E+00	7.40E-01	1.05E-04	4.73E-05	1.53E-03	1.50E-07	1.41E-06	4.34E-03	7.91E-06	6.10E-06	6.91E-03	2
Dumpers/Tenders	G4	15 U	2.91E+01	1.19E+01	4.49E+00	4.42E-04	2.08E-04	1.33E-02	5.93E-07	1.71E-04	2.08E-02	2.47E-05	2.57E-05	2.90E-02	9
Dumpers/Tenders	G4	25 U	5.40E+00	2.21E+00	1.77E+00	1.65E-04	7.35E-05	5.30E-03	2.06E-07	6.69E-05	8.14E-03	6.45E-06	9.62E-06	1.03E-02	3
Dumpers/Tenders	G4	120 U	3.84E-01	1.34E-01	3.46E-01	7.83E-06	3.03E-05	1.38E-04	2.99E-08	2.40E-07	3.09E-03	9.83E-07	4.56E-07	3.41E-03	1
Other Construction Equipment	G4	175 U	1.49E+00	1.52E+00	8.32E+00	3.54E-05	1.46E-04	2.43E-03	7.58E-07	6.08E-06	7.63E-02	7.18E-06	2.06E-06	7.86E-02	25
Pavers	D	25 U	4.20E-01	9.45E-01	8.03E-01	1.20E-05	7.23E-05	3.83E-05	1.12E-07	3.79E-06	8.81E-03	0.00E+00	1.09E-06	8.83E-03	3
Pavers	D	50 U	2.44E+01	5.58E+01	7.32E+01	4.05E-03	8.47E-03	1.03E-02	1.01E-05	9.11E-04	7.80E-01	0.00E+00	3.65E-04	7.88E-01	248
Pavers	D	120 U	2.88E+01	6.58E+01	2.09E+02	4.82E-03	2.89E-02	1.68E-02	2.67E-05	2.55E-03	2.27E+00	0.00E+00	4.35E-04	2.28E+00	719
Pavers	D	175 U	1.79E+01	4.09E+01	2.40E+02	3.81E-03	2.96E-02	1.60E-02	2.95E-05	1.67E-03	2.62E+00	0.00E+00	3.44E-04	2.63E+00	827
Pavers	D	250 U	2.15E+00	4.93E+00	4.35E+01	5.37E-04	5.10E-03	1.57E-03	5.38E-06	2.01E-04	4.78E-01	0.00E+00	4.85E-05	4.79E-01	151
Pavers	D	500 U	2.21E+00	5.06E+00	5.36E+01	6.02E-04	5.66E-03	2.51E-03	5.78E-06	2.23E-04	5.89E-01	0.00E+00	5.43E-05	5.90E-01	186
Plate Compactors	D	15 U	9.01E+00	1.48E+01	2.92E+00	3.72E-05	2.33E-04	1.95E-04	4.97E-07	9.30E-06	3.19E-02	0.00E+00	3.35E-06	3.20E-02	10
Rollers	D	15 U	1.69E+01	3.23E+01	9.30E+00	1.19E-04	7.42E-04	6.22E-04	1.58E-06	2.86E-05	1.02E-01	0.00E+00	1.07E-05	1.02E-01	32
Rollers	D	25 U	7.08E+00	1.35E+01	8.19E+00	1.09E-04	6.93E-04	3.70E-04	1.14E-06	3.02E-05	8.99E-02	0.00E+00	9.84E-06	9.01E-02	28
Rollers	D	50 U	2.20E+01	4.24E+01	5.13E+01	2.34E-03	5.67E-03	6.34E-03	7.11E-06	5.57E-04	5.50E-01	0.00E+00	2.11E-04	5.54E-01	175
Rollers	D	120 U	1.18E+02	2.27E+02	6.15E+02	1.20E-02	7.52E-02	4.66E-02	7.86E-05	6.53E-03	6.70E+00	0.00E+00	1.08E-03	6.73E+00	2,117
Rollers	D	175 U	4.75E+01	9.15E+01	4.51E+02	6.03E-03	4.90E-02	2.84E-02	5.56E-05	2.70E-03	4.94E+00	0.00E+00	5.44E-04	4.95E+00	1,559
Rollers	D	250 U	6.74E+00	1.30E+01	9.01E+01	8.73E-04	9.14E-03	2.65E-03	1.12E-05	3.23E-04	9.92E-01	0.00E+00	7.88E-05	9.94E-01	313
Rollers	D	500 U	4.73E+00	9.10E+00	9.04E+01	7.98E-04	8.22E-03	3.07E-03	9.77E-06	2.96E-04	9.96E-01	0.00E+00	7.20E-05	9.97E-01	314
Scrapers	D	120 U	1.09E+00	3.33E+00	1.44E+01	3.31E-04	1.96E-03	1.17E-03	1.83E-06	1.75E-04	1.56E-01	0.00E+00	2.99E-05	1.57E-01	49
Scrapers	D	175 U	9.99E+00	3.05E+01	2.06E+02	3.31E-03	2.50E-02	1.39E-02	2.54E-05	1.44E-03	2.26E+00	0.00E+00	2.99E-04	2.26E+00	712
Scrapers	D	250 U	9.74E+00	2.97E+01	2.83E+02	3.52E-03	3.24E-02	9.95E-03	3.50E-05	1.28E-03	3.11E+00	0.00E+00	3.17E-04	3.12E+00	981
Scrapers	D	500 U	2.68E+01	8.18E+01	1.20E+03	1.36E-02	1.23E-01	5.31E-02	1.29E-04	4.87E-03	1.31E+01	0.00E+00	1.23E-03	1.32E+01	4,144
Scrapers	D	750 U	2.96E+00	9.03E+00	2.28E+02	2.61E-03	2.40E-02	1.01E-02	2.52E-05	9.37E-04	2.51E+00	0.00E+00	2.35E-04	2.51E+00	790
Paving Equipment	D	25 U	7.27E-01	1.65E+00	9.50E-01	1.27E-05	8.04E-05	4.30E-05	1.32E-07	3.50E-06	1.04E-02	0.00E+00	1.14E-06	1.05E-02	3
Paving Equipment	D	50 U	6.16E-01	1.41E+00	1.58E+00	8.74E-05	1.83E-04	2.20E-04	2.18E-07	1.97E-05	1.69E-02	0.00E+00	7.88E-06	1.70E-02	5

Construction

Equipment	Fuel	MaxHP	C/R	Population	Activity	Tons/Day Consumption	ROG Exhaust	NOX Exhaust	CO Exhaust	SO2 Exhaust	PM Exhaust	CO2 Exhaust	N2O Exhaust	CH4 Exhaust	CO2e	MTons/Year CO2e
Paving Equipment	D	120	U	8.87E+00	2.03E+01	5.09E+01	1.17E-03	7.01E-03	4.06E-03	6.50E-06	6.19E-04	5.54E-01	0.00E+00	1.05E-04	5.56E-01	175
Paving Equipment	D	175	U	4.17E+00	9.56E+00	4.41E+01	6.95E-04	5.44E-03	2.92E-03	5.43E-06	3.06E-04	4.83E-01	0.00E+00	6.27E-05	4.84E-01	152
Paving Equipment	D	250	U	1.18E+00	2.70E+00	1.50E+01	1.82E-04	1.75E-03	5.31E-04	1.85E-06	6.82E-05	1.65E-01	0.00E+00	1.64E-05	1.65E-01	52
Surfacing Equipment	D	50	U	5.60E-01	6.95E-01	4.55E-01	1.78E-05	4.90E-05	5.00E-05	6.33E-08	4.44E-06	4.90E-03	0.00E+00	1.61E-06	4.93E-03	2
Surfacing Equipment	D	120	U	1.12E-01	1.39E-01	4.05E-01	7.22E-06	4.79E-05	2.95E-05	5.19E-08	3.87E-06	4.43E-03	0.00E+00	6.51E-07	4.44E-03	1
Surfacing Equipment	D	175	U	8.39E-02	1.04E-01	4.07E-01	4.94E-06	4.27E-05	2.47E-05	5.02E-08	2.20E-06	4.46E-03	0.00E+00	4.46E-07	4.47E-03	1
Surfacing Equipment	D	250	U	1.68E-01	2.08E-01	1.27E+00	1.14E-05	1.25E-04	3.67E-05	1.58E-07	4.30E-06	1.40E-02	0.00E+00	1.03E-06	1.41E-02	4
Surfacing Equipment	D	500	U	1.40E+00	1.74E+00	1.74E+01	1.41E-04	1.55E-03	5.91E-04	1.88E-06	5.39E-05	1.92E-01	0.00E+00	1.28E-05	1.92E-01	60
Surfacing Equipment	D	750	U	5.65E-01	7.02E-01	1.10E+01	9.12E-05	1.00E-03	3.75E-04	1.22E-06	3.46E-05	1.22E-01	0.00E+00	8.23E-06	1.22E-01	38
Signal Boards	D	15	U	7.88E+01	1.62E+02	4.56E+01	5.81E-04	3.64E-03	3.05E-03	7.77E-06	1.41E-04	4.99E-01	0.00E+00	5.24E-05	5.00E-01	157
Signal Boards	D	50	U	3.92E-01	5.75E-01	9.64E-01	3.65E-05	1.02E-04	1.03E-04	1.34E-07	9.29E-06	1.04E-02	0.00E+00	3.29E-06	1.05E-02	3
Signal Boards	D	120	U	6.41E+00	9.40E+00	3.45E+01	6.03E-04	3.93E-03	2.47E-03	4.42E-06	3.30E-04	3.77E-01	0.00E+00	5.44E-05	3.78E-01	119
Signal Boards	D	175	U	3.97E+00	5.83E+00	4.10E+01	4.84E-04	4.15E-03	2.44E-03	5.06E-06	2.18E-04	4.50E-01	0.00E+00	4.37E-05	4.51E-01	142
Signal Boards	D	250	U	8.39E-01	1.23E+00	1.42E+01	1.07E-04	1.33E-03	3.39E-04	1.77E-06	3.93E-05	1.57E-01	0.00E+00	9.69E-06	1.57E-01	49
Trenchers	D	15	U	2.10E+00	3.56E+00	1.37E+00	1.75E-05	1.10E-04	9.18E-05	2.34E-07	4.25E-06	1.50E-02	0.00E+00	1.58E-06	1.51E-02	5
Trenchers	D	25	U	2.21E+00	3.75E+00	5.61E+00	7.44E-05	4.71E-04	2.54E-04	7.82E-07	1.88E-05	6.16E-02	0.00E+00	6.72E-06	6.17E-02	19
Trenchers	D	50	U	8.41E+01	1.46E+02	2.25E+02	1.21E-02	2.57E-02	3.04E-02	3.10E-05	2.72E-03	2.40E+00	0.00E+00	1.09E-03	2.42E+00	761
Trenchers	D	120	U	1.14E+02	1.97E+02	5.88E+02	1.34E-02	8.15E-02	4.67E-02	7.51E-05	6.99E-03	6.40E+00	0.00E+00	1.21E-03	6.43E+00	2,023
Trenchers	D	175	U	1.25E+01	2.16E+01	1.42E+02	2.21E-03	1.76E-02	9.39E-03	1.75E-05	9.73E-04	1.55E+00	0.00E+00	2.00E-04	1.56E+00	490
Trenchers	D	250	U	1.12E+00	1.94E+00	1.96E+01	2.40E-04	2.31E-03	7.18E-04	2.43E-06	9.20E-05	2.16E-01	0.00E+00	2.17E-05	2.16E-01	68
Trenchers	D	500	U	1.43E+00	2.47E+00	3.50E+01	3.87E-04	3.73E-03	1.73E-03	3.77E-06	1.47E-04	3.84E-01	0.00E+00	3.49E-05	3.85E-01	121
Trenchers	D	750	U	1.13E-01	1.96E-01	5.23E+00	5.83E-05	5.67E-04	2.58E-04	5.77E-07	2.21E-05	5.74E-02	0.00E+00	5.26E-06	5.75E-02	18
Bore/Drill Rigs	D	15	U	2.80E-01	6.22E-01	2.94E-01	3.74E-06	2.34E-05	1.96E-05	5.00E-08	9.03E-07	3.22E-03	0.00E+00	3.38E-07	3.22E-03	1
Bore/Drill Rigs	D	25	U	8.39E-01	1.87E+00	1.36E+00	1.81E-05	1.15E-04	6.14E-05	1.89E-07	5.00E-06	1.49E-02	0.00E+00	1.63E-06	1.49E-02	5
Bore/Drill Rigs	D	50	U	3.67E+00	8.47E+00	1.20E+01	1.48E-04	1.17E-03	9.88E-04	1.70E-06	6.32E-05	1.31E-01	0.00E+00	1.34E-05	1.32E-01	41
Bore/Drill Rigs	D	120	U	1.12E+01	2.60E+01	9.13E+01	6.67E-04	6.52E-03	6.13E-03	1.17E-05	4.26E-04	1.00E+00	0.00E+00	6.02E-05	1.00E+00	316
Bore/Drill Rigs	D	175	U	2.60E+00	6.01E+00	3.86E+01	2.25E-04	2.25E-03	2.26E-03	4.77E-06	1.10E-04	4.24E-01	0.00E+00	2.03E-05	4.24E-01	133
Bore/Drill Rigs	D	250	U	2.24E+00	5.17E+00	4.40E+01	2.16E-04	2.25E-03	8.87E-04	5.47E-06	6.92E-05	4.86E-01	0.00E+00	1.95E-05	4.86E-01	153
Bore/Drill Rigs	D	500	U	4.98E+00	1.15E+01	1.62E+02	7.78E-04	7.56E-03	3.18E-03	1.76E-05	2.51E-04	1.79E+00	0.00E+00	7.02E-05	1.79E+00	564
Bore/Drill Rigs	D	750	U	1.75E+00	4.05E+00	1.13E+02	5.44E-04	5.33E-03	2.21E-03	1.25E-05	1.75E-04	1.24E+00	0.00E+00	4.91E-05	1.25E+00	392
Bore/Drill Rigs	D	1000	U	2.94E+00	6.79E+00	2.85E+02	1.53E-03	2.24E-02	5.69E-03	3.16E-05	5.77E-04	3.15E+00	0.00E+00	1.38E-04	3.15E+00	991
Excavators	D	25	U	1.04E+00	3.96E+00	2.96E+00	3.93E-05	2.48E-04	1.34E-04	4.13E-07	9.47E-06	3.25E-02	0.00E+00	3.54E-06	3.26E-02	10
Excavators	D	50	U	3.90E+01	1.52E+02	1.77E+02	6.94E-03	1.95E-02	2.23E-02	2.46E-05	1.80E-03	1.90E+00	0.00E+00	6.26E-04	1.91E+00	603
Excavators	D	120	U	1.06E+02	4.13E+02	1.39E+03	2.44E-02	1.51E-01	1.08E-01	1.78E-04	1.36E-02	1.52E+01	0.00E+00	2.20E-03	1.52E+01	4,799
Excavators	D	175	U	2.04E+02	7.97E+02	4.08E+03	5.13E-02	3.83E-01	2.66E-01	5.03E-04	2.27E-02	4.47E+01	0.00E+00	4.63E-03	4.48E+01	14,099
Excavators	D	250	U	8.30E+01	3.24E+02	2.33E+03	2.11E-02	2.01E-01	5.88E-02	2.89E-04	6.73E-03	2.57E+01	0.00E+00	1.90E-03	2.57E+01	8,103
Excavators	D	500	U	5.99E+01	2.34E+02	2.48E+03	2.11E-02	1.88E-01	6.42E-02	2.68E-04	6.71E-03	2.73E+01	0.00E+00	1.90E-03	2.73E+01	8,609
Excavators	D	750	U	8.86E-01	3.46E+00	6.07E+01	5.20E-04	4.76E-03	1.57E-03	6.73E-06	1.67E-04	6.69E-01	0.00E+00	4.69E-05	6.70E-01	211
Concrete/Industrial Saws	D	25	U	1.12E-01	1.82E-01	1.36E-01	1.81E-06	1.14E-05	6.16E-06	1.90E-08	4.57E-07	1.50E-03	0.00E+00	1.63E-07	1.50E-03	0
Concrete/Industrial Saws	D	50	U	9.79E-01	1.56E+00	2.18E+00	8.14E-05	2.31E-04	2.35E-04	3.04E-07	2.08E-05	2.35E-02	0.00E+00	7.35E-06	2.37E-02	7
Concrete/Industrial Saws	D	120	U	1.71E+00	2.71E+00	9.21E+00	1.57E-04	1.03E-03	6.62E-04	1.18E-06	8.67E-05	1.01E-01	0.00E+00	1.41E-05	1.01E-01	32
Concrete/Industrial Saws	D	175	U	5.60E-02	8.90E-02	6.50E-01	7.49E-06	6.45E-05	3.88E-05	8.01E-08	3.41E-06	7.12E-03	0.00E+00	6.76E-07	7.14E-03	2
Cement and Mortar Mixers	D	15	U	1.43E+01	1.18E+01	3.39E+00	4.41E-05	2.79E-04	2.27E-04	5.78E-07	1.37E-05	3.71E-02	0.00E+00	3.98E-06	3.72E-02	12
Cement and Mortar Mixers	D	25	U	1.29E+00	1.06E+00	8.48E-01	1.55E-05	8.19E-05	4.51E-05	1.18E-07	4.79E-06	9.29E-03	0.00E+00	1.40E-06	9.31E-03	3
Cranes	D	50	U	9.51E-01	3.34E+00	3.62E+00	1.84E-04	4.14E-04	4.97E-04	5.00E-07	4.31E-05	3.87E-02	0.00E+00	1.66E-05	3.91E-02	12
Cranes	D	120	U	1.04E+01	3.67E+01	8.43E+01	1.80E-03	1.07E-02	6.68E-03	1.08E-05	9.77E-04	9.18E-01	0.00E+00	1.62E-04	9.22E-01	290
Cranes	D	175	U	1.04E+01	3.67E+01	1.34E+02	1.99E-03	1.51E-02	8.86E-03	1.66E-05	8.78E-04	1.47E+00	0.00E+00	1.80E-04	1.48E+00	464
Cranes	D	250	U	2.02E+01	7.11E+01	3.62E+02	3.92E-03	3.80E-02	1.10E-02	4.48E-05	1.38E-03	3.98E+00	0.00E+00	3.53E-04	3.99E+00	1,256
Cranes	D	500	U	7.41E+00	2.60E+01	2.13E+02	2.13E-03	1.99E-02	7.40E-03	2.30E-05	7.43E-04	2.34E+00	0.00E+00	1.92E-04	2.35E+00	739
Cranes	D	750	U	3.68E+00	1.29E+01	1.78E+02	1.78E-03	1.70E-02	6.17E-03	1.96E-05	6.28E-04	1.95E+00	0.00E+00	1.61E-04	1.96E+00	616
Cranes	D	9999	U	4.62E+00	1.62E+01	7.15E+02	8.02E-03	8.86E-02	2.90E-02	7.90E-05	2.74E-03	7.86E+00	0.00E+00	7.24E-04	7.87E+00	2,478
Graders	D	50	U	3.92E-01	1.02E+00	1.31E+00	6.03E-05	1.47E-04	1.72E-04	1.82E-07	1.46E-05	1.41E-02	0.00E+00	5.45E-06	1.42E-02	4
Graders	D	120	U	2.61E+01	6.82E+01	2.34E+02	4.59E-03	2.80E-02	1.82E-02	2.99E-05	2.52E-03	2.55E+00	0.00E+00	4.14E-04	2.56E+00	806
Graders	D	175	U	8.93E+01	2.33E+02	1.32E+03	1.81E-02	1.39E-01	8.56E-02	1.62E-04	8.00E-03	1.44E+01	0.00E+00	1.63E-03	1.44E+01	4,548
Graders	D	250	U	5.54E+01	1.44E+02	1.13E+03	1.14E-02	1.11E-01	3.25E-02	1.40E-04	3.94E-03	1.24E+01	0.00E+00	1.03E-03	1.24E+01	3,917
Graders	D	500	U	1.57E+00	4.09E+00	4.25E+01	3.97E-04	3.71E-03	1.36E-03	4.60E-06	1.37E-04	4.68E-01	0.00E+00	3.59E-05	4.69E-01	148
Graders	D	750	U	5.65E-02	1.47E-01	3.25E+00	3.05E-05	2.91E-04	1.04E-04	3.60E-07	1.06E-05	3.58E-02	0.00E+00	2.76E-06	3.58E-02	11
Off-Highway Trucks	D	175	U	1.82E+00	9.93E+00	5.67E+01	7.60E-04	5.49E-03	3.77E-03	6.98E-06	3.30E-04	6.20E-01	0.00E+00	6.86E-05	6.22E-01	196
Off-Highway Trucks	D	250	U	1.34E+01	7.33E+01	5.53E+02	5.38E-03	4.95E-02	1.44E-02	6.86E-05	1.69E-03	6.10E+00	0.00E+00	4.85E-04	6.11E+00	1,923
Off-Highway Trucks	D	500	U	1.89E+01	1.03E+02	1.27E+03	1.17E-02	1.00E-01	3.44E-02	1.38E-04	3.64E-03	1.40E+01	0.00E+00	1.05E-03	1.41E+01	4,428
Off-Highway Trucks	D	750	U	1.19E+01	6.47E+01	1.30E+03	1.19E-02	1.05E-01	3.49E-02	1.44E-04	3.76E-03	1.43E+01	0.00E+00	1.08E-03	1.43E+01	4,502
Off-Highway Trucks	D	1000	U	5.56E+00	3.03E+01	8.59E+02	8.77E-03	9.69E-02	2.71E-02	9.51E-05	2.93E-03	9.46E+00	0.00E+00	7.91E-04	9.48E+00	2,984
Crushing/Proc. Equipment	D	50	U	4.48E+00	1.17E+01	2.41E+01	1.13E-03	2.66E-03	3.05E-03	3.33E-06	2.71E-04	2.58E-01	0.00E+00	1.02E-04	2.60E-01	82
Crushing/Proc. Equipment	D	120	U	1.26E+01	3.30E+01	1.26E+02	2.52E-03	1.51E-02	9.62E-03	1.61E-05	1.41E-03	1.37E+00	0.00E+00	2.27E-04	1.38E+00	434
Crushing/Proc. Equipment	D	175	U	5.34E+00	1.40E+01	1.07E+02	1.46E-03	1.14E-02	6.75E-03	1.32E-05	6.61E-04	1.17E+00	0.00E+00	1.32E-04	1.17E+00	369
Crushing/Proc. Equipment	D	250	U	5.32E-01	1.39E+00	1.54E+01	1.36E-04	1.52E-03	3.89E-04	1.91E-06	4.75E-05	1.70E-01	0.00E+00	1.23E-05	1.70E-01	54
Crushing/Proc. Equipment	D	500	U	2.99E+00	7.84E+00	1.33E+02	1.07E-03	1.15E-02	3.51E-03	1.44E-05	3.81E-04	1.46E+00	0.00E+00	9.66E-05	1.47E+00	461
Crushing/Proc. Equipment	D	750	U	9.42E-02	2.47E-01	6.58E+00	5.37E-05	5.95E-04	1.71E-04	7.30E-07	1.92E-05	7.26E-02	0.00E+00	4.85E-06	7.27E-02	23
Crushing/Proc. Equipment	D	9999	U	9.42E-02	2.47E-01	1.46E+01	1.49E-04	1.76E-03	4.98E-04	1.62E-06	5.18E-05	1.61E-01	0.00E+00	1.35E-05	1.61E-01	51
Rough Terrain Forklifts	D	50	U	3.11E+00	9.65E+00	1.52E+01	6.34E-04	1.67E-03	1.88E-03	2.11E-06	1.59E-04	1.63E-01	0.00E+00	5.72E-05	1.64E-01	52
Rough Terrain Forklifts	D	120	U	1.49E+02	4.62E+02	1.32E+03	2.40E-02	1.48E-01	1.01E-01	1.69E-04	1.35E-02	1.44E+01	0.00E+00	2.16E-03	1.45E+01	4,553
Rough Terrain Forklifts	D	175	U	1.91E+01	5.92E+01	3.37E+02	4.27E-03	3.31E-02	2.15E-02	4.16E-05	1.93E-03	3.69E+00	0.00E+00	3.85E-04	3.70E+00	1,165
Rough Terrain Forklifts	D	250	U	1.06E+00	3.30E+00	2.56E+01	2.23E-04	2.32E-03	6.43E-04	3.17E-06	7.56E-05	2.82E-01	0.00E+00	2.02E-05	2.82E-01	89
Rough Terrain Forklifts	D	500	U	6.99E-01	2.17E+00	2.53E+01	2.06E-04	2.02E-03	6.50E-04	2.73E-06	6.98E-05	2.79E-01	0.00E+00	1.86E-05	2.79E-01	88
Rubber Tired Loaders	D	25	U	3.92E-01	1.03E+00	7.92E-01	1.05E-05	6.65E-05	3.58E-05	1.10E-07	2.66E-06	8.69E-03	0.00E+00	9.48E-07	8.71E-03	3
Rubber Tired Loaders	D	50	U	7.61E+00	2.03E+01	2.96E+01	1.34E-03	3.30E-03	3.82E-03	4.09E-06	3.24E-04	3.17E-01	0.00E+00	1.21E-04	3.19E-01	100
Rubber Tired Loaders	D	120	U	2.07E+02	5.53E+02	1.49E+03	2.89E-02	1.77E-01	1.16E-01	1.91E-04	1.59E-02	1.63E+01	0.00E+00	2.61E-03	1.63E+01	5,143
Rubber Tired Loaders	D	175	U	1.17E+02	3.12E+02	1.51E+03	2.04E-02	1.58E-01	9.79E-02	1.86E-04	9.08E-03	1.66E+01	0.00E+00	1.84E-03	1.66E+01	5,226
Rubber Tired Loaders	D	250	U	1.16E+02	3.10E+02	2.09E+03	2.06E-02	2.03E-01	5.94E-02	2.60E-04	7.16E-03	2.31E+01	0.00E+00	1.86E-03	2.31E+01	7,277
Rubber Tired Loaders	D	500	U	4.83E+01	1.29E+02	1.39E+03	1.26E-02	1.20E-01	4.35E-02	1.50E-04	4.37E-03	1.53E+01	0.00E+00	1.14E-03	1.53E+01	4,818
Rubber Tired Loaders	D	750	U	2.28E+00	6.10E+00	1.34E+02	1.23E-03	1.19E-02	4.22E-03	1.49E-05	4.29E-04	1.48E+00	0.00E+00	1.11E-04	1.48E+00	466
Rubber Tired Loaders	D	1000	U	2.45E-01	6.54E-01	1.76E+01	1.79E-04	2.07E-03	6.41E-04	1.95E-06	6.24E-05	1.94E-01	0.00E+00	1.62E-05	1.95E-01	61
Rubber Tired Dozers	D	175	U	2.80E-01	1.25E+00	7.41E+00	1.38E-04	1.02E-03	5.33E-04	9.10E-07	5.90E-05	8.09E-02	0.00E+00	1.24E-05	8.11E-02	26
Rubber Tired Dozers	D	250	U	6.85E+00	3.06E+01	2.56E+02	3.89E-03	3.36E-02	1.09E-02	3.16E-05	1.44E-03	2.81E+00	0.00E+00	3.51E-04	2.82E+00	886

Construction

Equipment	Fuel	MaxHP	C/R	Population	Activity	Consumption (Tons/Day)	ROG Exhaust	NOX Exhaust	CO Exhaust	SO2 Exhaust	PM Exhaust	CO2 Exhaust	N2O Exhaust	CH4 Exhaust	CO2e	MTons/Year CO2e
Rubber Tired Dozers	D	500	U	1.05E+01	4.71E+01	5.70E+02	7.87E-03	6.79E-02	3.58E-02	6.12E-05	2.85E-03	6.24E+00	0.00E+00	7.11E-04	6.25E+00	1,968
Rubber Tired Dozers	D	750	U	2.51E+00	1.12E+01	2.04E+02	2.83E-03	2.47E-02	1.28E-02	2.24E-05	1.03E-03	2.23E+00	0.00E+00	2.55E-04	2.24E+00	704
Rubber Tired Dozers	D	1000	U	1.70E-01	7.57E-01	2.05E+01	2.96E-04	2.95E-03	1.39E-03	2.25E-06	1.03E-04	2.24E-01	0.00E+00	2.67E-05	2.24E-01	71
Tractors/Loaders/Backhoes	D	25	U	7.89E+00	2.04E+01	1.47E+01	2.02E-04	1.27E-03	6.74E-04	2.05E-06	6.22E-05	1.62E-01	0.00E+00	1.83E-05	1.62E-01	51
Tractors/Loaders/Backhoes	D	50	U	4.71E+01	1.25E+02	1.76E+02	6.29E-03	1.89E-02	2.07E-02	2.45E-05	1.67E-03	1.90E+00	0.00E+00	5.67E-04	1.91E+00	601
Tractors/Loaders/Backhoes	D	120	U	6.31E+02	1.67E+03	3.96E+03	6.36E-02	4.10E-01	2.97E-01	5.07E-04	3.61E-02	4.32E+01	0.00E+00	5.74E-03	4.34E+01	13,649
Tractors/Loaders/Backhoes	D	175	U	4.71E+01	1.25E+02	5.77E+02	6.60E-03	5.17E-02	3.66E-02	7.12E-05	2.98E-03	6.32E+00	0.00E+00	5.96E-04	6.34E+00	1,995
Tractors/Loaders/Backhoes	D	250	U	1.52E+01	4.04E+01	3.14E+02	2.55E-03	2.59E-02	7.58E-03	3.90E-05	8.38E-04	3.46E+00	0.00E+00	2.30E-04	3.47E+00	1,092
Tractors/Loaders/Backhoes	D	500	U	2.46E+01	6.52E+01	1.02E+03	7.77E-03	7.37E-02	2.51E-02	1.26E-04	2.55E-03	1.12E+01	0.00E+00	7.01E-04	1.12E+01	3,539
Tractors/Loaders/Backhoes	D	750	U	1.14E+01	3.03E+01	7.09E+02	5.45E-03	5.29E-02	1.75E-02	8.80E-05	1.81E-03	7.82E+00	0.00E+00	4.92E-04	7.83E+00	2,464
Crawler Tractors	D	50	U	3.92E-01	1.13E+00	1.31E+00	7.10E-05	1.53E-04	1.87E-04	1.81E-07	1.63E-05	1.40E-02	0.00E+00	6.41E-06	1.41E-02	4
Crawler Tractors	D	120	U	2.22E+02	6.39E+02	1.93E+03	4.39E-02	2.59E-01	1.57E-01	2.46E-04	2.33E-02	2.10E+01	0.00E+00	3.96E-03	2.11E+01	6,638
Crawler Tractors	D	175	U	7.52E+01	2.16E+02	1.20E+03	1.90E-02	1.43E-01	8.09E-02	1.47E-04	8.27E-03	1.31E+01	0.00E+00	1.71E-03	1.31E+01	4,132
Crawler Tractors	D	250	U	6.46E+01	1.86E+02	1.40E+03	1.72E-02	1.58E-01	4.85E-02	1.74E-04	6.20E-03	1.54E+01	0.00E+00	1.55E-03	1.55E+01	4,865
Crawler Tractors	D	500	U	4.43E+01	1.27E+02	1.50E+03	1.69E-02	1.52E-01	6.50E-02	1.62E-04	5.99E-03	1.65E+01	0.00E+00	1.53E-03	1.65E+01	5,201
Crawler Tractors	D	750	U	1.51E+00	4.33E+00	9.16E+01	1.04E-03	9.47E-03	3.97E-03	1.01E-05	3.69E-04	1.01E+00	0.00E+00	9.35E-05	1.01E+00	317
Crawler Tractors	D	1000	U	1.51E+00	4.33E+00	1.30E+02	1.57E-03	1.68E-02	6.29E-03	1.43E-05	5.42E-04	1.42E+00	0.00E+00	1.41E-04	1.43E+00	449
Skid Steer Loaders	D	25	U	5.37E+01	1.23E+02	7.73E+01	1.30E-03	7.30E-03	3.90E-03	1.07E-05	4.10E-04	8.47E-01	0.00E+00	1.17E-04	8.49E-01	267
Skid Steer Loaders	D	50	U	4.87E+02	1.14E+03	1.34E+03	3.39E-02	1.36E-01	1.32E-01	1.87E-04	1.02E-02	1.45E+01	0.00E+00	3.05E-03	1.46E+01	4,580
Skid Steer Loaders	D	120	U	2.55E+02	5.95E+02	1.16E+03	1.43E-02	1.05E-01	8.24E-02	1.49E-04	8.50E-03	1.27E+01	0.00E+00	1.29E-03	1.27E+01	4,013
Off-Highway Tractors	D	120	U	2.80E-02	8.57E-02	3.70E-01	9.52E-06	5.55E-05	3.11E-05	4.71E-08	4.90E-06	4.01E-03	0.00E+00	8.59E-07	4.03E-03	1
Off-Highway Tractors	D	175	U	3.42E+01	1.05E+02	6.26E+02	1.12E-02	8.43E-02	4.40E-02	7.69E-05	4.83E-03	6.83E+00	0.00E+00	1.01E-03	6.85E+00	2,157
Off-Highway Tractors	D	250	U	3.23E+01	9.91E+01	5.88E+02	8.50E-03	7.57E-02	2.42E-02	7.27E-05	3.19E-03	6.46E+00	0.00E+00	7.67E-04	6.47E+00	2,038
Off-Highway Tractors	D	750	U	9.46E+00	2.90E+01	7.51E+02	9.88E-03	8.89E-02	4.49E-02	8.27E-05	3.65E-03	8.23E+00	0.00E+00	8.92E-04	8.25E+00	2,596
Off-Highway Tractors	D	1000	U	9.99E-01	3.06E+00	1.14E+02	1.57E-03	1.61E-02	7.39E-03	1.25E-05	5.54E-04	1.24E+00	0.00E+00	1.41E-04	1.25E+00	392
Dumpers/Tenders	D	25	U	6.71E-01	1.22E+00	4.23E-01	6.07E-06	3.74E-05	1.97E-05	5.89E-08	1.90E-06	4.64E-03	0.00E+00	5.47E-07	4.65E-03	1
Other Construction Equipment	D	15	U	9.26E+00	1.75E+01	8.08E+00	1.03E-04	6.45E-04	5.40E-04	1.38E-06	2.49E-05	8.85E-02	0.00E+00	9.29E-06	8.87E-02	28
Other Construction Equipment	D	25	U	1.57E+00	2.96E+00	1.78E+00	2.37E-05	1.51E-04	8.06E-05	2.48E-07	6.56E-06	1.96E-02	0.00E+00	2.14E-06	1.96E-02	6
Other Construction Equipment	D	50	U	2.41E+00	4.64E+00	6.00E+00	1.95E-04	6.27E-04	6.35E-04	8.38E-07	5.28E-05	6.49E-02	0.00E+00	1.76E-05	6.52E-02	21
Other Construction Equipment	D	120	U	3.97E+00	7.66E+00	2.83E+01	4.22E-04	2.88E-03	2.04E-03	3.63E-06	2.42E-04	3.09E-01	0.00E+00	3.81E-05	3.10E-01	98
Other Construction Equipment	D	175	U	5.48E+00	1.06E+01	5.13E+01	5.32E-04	4.54E-03	3.11E-03	6.33E-06	2.47E-04	5.62E-01	0.00E+00	4.80E-05	5.63E-01	177
Other Construction Equipment	D	500	U	1.27E+01	2.45E+01	2.82E+02	1.86E-03	2.03E-02	6.65E-03	3.06E-05	6.68E-04	3.12E+00	0.00E+00	1.68E-04	3.12E+00	982
				6,508	12,927	53,621	0.779	5.418	4.564	0.007	0.331	583.912	0.003	0.069	586	184,578
				Population	Activity	Consumption	lbs/day					Tons/Day				MTons/Year
				1,461	2,902	12,037	350	2,433	2,049	3	149	131	0	0	132	**41,435**

As a percent of Total Building Permits issued. Fresno County 1,818 Clovis 408 Percent 22.45%

SOURCE: U.S. Census Bureau. http://censtats.census.gov/bldg/bldgprmt.shtml;

Annual GHG emissions (MTons/Year) multiplied by 347 days/year to account for reduced/limited construction activity on weekends and holidays. This assumption is consistent with the California Air Resources Board's (CARB) methodology for transportation within the Climate Change Scoping Plan Measure Documentation Supplement.

Buildings Estimates with Imputation

	FC	Clovis	
2012	1,554	367	23.6%
2011	1,326	320	24.1%
2010	1,965	387	19.7%
2009	2,099	571	27.2%
2008	2,148	396	18.4%
avg	1,818	408	22.6%

Construction					Tons/Day										MTons/Year
Equipment	Fuel	MaxHP C/R	Population	Activity	Consumption	ROG Exhaust	NOX Exhaust	CO Exhaust	SO2 Exhaust	PM Exhaust	CO2 Exhaust	N2O Exhaust	CH4 Exhaust	CO2e	CO2e
Tampers/Rammers	G2	15 U	7.69E+01	3.84E+01	8.14E+00	6.41E-04	3.42E-04	2.30E-02	1.65E-06	3.35E-04	3.99E-02	5.67E-05	3.98E-05	5.84E-02	18
Plate Compactors	G2	15 U	6.59E+00	3.72E+00	7.66E-01	5.30E-05	3.50E-05	2.11E-03	1.60E-07	3.25E-05	3.88E-03	5.68E-06	3.30E-06	5.71E-03	2
Asphalt Pavers	G4	15 U	1.68E+00	1.82E+00	1.04E+00	7.98E-05	5.71E-05	2.94E-03	1.46E-07	4.29E-05	5.12E-03	5.18E-06	4.64E-06	6.82E-03	2
Asphalt Pavers	G4	25 U	2.87E+00	3.11E+00	4.47E+00	3.49E-04	2.20E-04	1.30E-02	5.42E-07	1.79E-04	2.14E-02	1.37E-05	2.03E-05	2.61E-02	8
Asphalt Pavers	G4	50 U	1.57E+00	1.69E+00	3.91E+00	1.82E-04	2.95E-04	4.00E-03	3.74E-07	2.36E-06	3.08E-02	1.17E-05	1.06E-05	3.46E-02	11
Asphalt Pavers	G4	120 U	8.62E-01	9.27E-01	3.68E+00	1.32E-04	4.53E-04	1.99E-03	3.08E-07	2.47E-06	3.19E-02	1.11E-05	7.67E-06	3.55E-02	11
Tampers/Rammers	G4	15 U	3.55E+00	1.77E+00	9.53E-01	1.14E-04	3.57E-05	2.94E-03	1.18E-07	3.33E-05	4.15E-03	3.97E-06	6.64E-06	5.52E-03	2
Plate Compactors	G4	5 U	1.30E+02	6.43E+01	1.15E+01	1.60E-03	7.21E-04	2.42E-02	2.31E-06	2.18E-05	6.69E-02	1.06E-04	9.30E-05	1.02E-01	32
Plate Compactors	G4	15 U	1.38E+02	7.80E+01	3.69E+01	4.25E-03	1.44E-03	1.13E-01	4.63E-06	1.33E-03	1.62E-01	1.66E-04	2.48E-04	2.19E-01	69
Rollers	G4	5 U	1.45E+01	3.30E+00	8.98E-01	1.12E-04	4.61E-05	2.16E-03	1.67E-07	3.35E-06	4.84E-03	6.10E-06	6.50E-06	6.87E-03	2
Rollers	G4	15 U	2.35E+01	1.99E+01	1.09E+01	9.24E-04	5.59E-04	3.15E-02	1.50E-06	4.42E-04	5.27E-02	5.34E-05	5.39E-05	7.04E-02	22
Rollers	G4	25 U	1.58E+01	1.35E+01	1.59E+01	1.32E-03	7.29E-04	4.68E-02	1.90E-06	6.29E-04	7.51E-02	5.11E-05	7.71E-05	9.26E-02	29
Rollers	G4	50 U	1.11E+00	1.88E+00	4.85E+00	2.65E-04	3.56E-04	5.43E-03	4.53E-07	2.86E-06	3.73E-02	1.37E-05	1.54E-05	4.18E-02	13
Rollers	G4	120 U	2.08E+00	3.54E+00	1.64E+01	6.96E-04	1.98E-03	9.88E-03	1.36E-06	1.09E-05	1.40E-01	4.56E-05	4.05E-05	1.55E-01	49
Paving Equipment	G4	5 U	1.82E+02	8.49E+01	1.64E+01	2.25E-03	1.01E-03	3.47E-02	3.28E-06	3.09E-05	9.49E-02	1.44E-04	1.31E-04	1.42E-01	45
Paving Equipment	G4	15 U	3.08E+02	1.69E+02	1.07E+02	1.23E-02	4.16E-03	3.27E-01	1.35E-05	3.87E-03	4.72E-01	4.21E-04	7.19E-04	6.18E-01	194
Paving Equipment	G4	25 U	6.85E+00	3.76E+00	5.19E+00	5.47E-04	1.80E-04	1.59E-02	5.85E-07	1.89E-04	2.31E-02	1.33E-05	3.19E-05	2.79E-02	9
Paving Equipment	G4	50 U	4.29E+00	2.06E+00	4.84E+00	1.95E-04	3.71E-04	4.56E-03	4.72E-07	2.97E-06	3.88E-02	1.46E-05	1.14E-05	4.36E-02	14
Paving Equipment	G4	120 U	1.11E+00	5.31E-01	2.01E+00	6.19E-05	2.51E-04	9.91E-04	1.70E-07	1.37E-06	1.76E-02	6.26E-06	3.60E-06	1.97E-02	6
Surfacing Equipment	G4	5 U	3.35E+01	1.83E+01	3.63E+00	5.15E-04	2.33E-04	7.48E-03	7.35E-07	6.94E-06	2.13E-02	3.22E-05	3.00E-05	3.19E-02	10
Surfacing Equipment	G4	15 U	9.94E+01	1.37E+02	5.30E+01	4.65E-03	2.84E-03	1.52E-01	7.25E-06	2.13E-03	2.54E-01	3.12E-04	2.71E-04	3.57E-01	112
Surfacing Equipment	G4	25 U	1.36E+00	1.88E+00	1.76E+00	1.52E-04	8.46E-05	5.16E-03	2.10E-07	6.93E-05	8.27E-03	6.46E-06	8.87E-06	1.05E-02	3
Signal Boards	G4	5 U	4.13E-01	1.47E-01	4.70E-02	5.93E-06	2.68E-06	1.06E-04	9.15E-09	8.63E-08	2.65E-04	3.13E-07	3.46E-07	3.69E-04	0
Signal Boards	G4	15 U	2.94E+00	2.29E+00	1.37E+00	1.15E-04	6.94E-05	3.94E-03	1.88E-07	5.52E-05	6.59E-03	6.39E-06	6.69E-06	8.71E-03	3
Trenchers	G4	15 U	2.72E+01	3.24E+01	2.06E+01	1.60E-03	1.14E-03	5.81E-02	2.88E-06	8.47E-04	1.01E-01	9.82E-05	9.30E-05	1.33E-01	42
Trenchers	G4	25 U	2.11E+01	2.51E+01	3.44E+01	2.72E-03	1.72E-03	1.00E-01	4.17E-06	1.38E-03	1.64E-01	1.08E-04	1.58E-04	2.01E-01	63
Trenchers	G4	50 U	1.01E+01	1.11E+01	2.42E+01	1.15E-03	1.78E-03	2.49E-02	2.31E-06	1.45E-05	1.90E-01	7.37E-05	6.72E-05	2.14E-01	67
Trenchers	G4	120 U	3.34E+00	3.68E+00	1.58E+01	5.81E-04	1.91E-03	8.61E-03	1.32E-06	1.06E-05	1.37E-01	4.55E-05	3.38E-05	1.52E-01	48
Bore/Drill Rigs	G4	15 U	7.77E-01	2.64E-01	2.27E-01	2.66E-05	8.15E-06	7.00E-04	2.82E-08	7.93E-06	9.89E-04	7.44E-07	1.55E-06	1.25E-03	0
Bore/Drill Rigs	G4	25 U	3.86E+00	1.31E+00	2.01E+00	2.13E-04	6.39E-05	6.18E-03	2.24E-07	7.09E-05	8.84E-03	4.70E-06	1.24E-05	1.06E-02	3
Bore/Drill Rigs	G4	50 U	4.86E-01	1.43E-01	3.85E-01	1.47E-05	2.87E-05	3.48E-04	3.79E-08	2.39E-07	3.12E-03	1.07E-06	8.58E-07	3.46E-03	1
Bore/Drill Rigs	G4	120 U	2.23E+00	6.55E-01	4.42E+00	1.28E-04	5.33E-04	2.06E-03	3.76E-07	3.01E-06	3.89E-02	1.03E-05	7.45E-06	4.22E-02	13
Bore/Drill Rigs	G4	175 U	5.53E-01	1.62E-01	1.46E+00	2.56E-05	2.08E-04	3.89E-04	1.33E-07	1.07E-06	1.34E-02	3.24E-06	1.49E-06	1.44E-02	5
Concrete/Industrial Saws	G4	5 U	1.43E+01	5.08E+00	1.33E+00	1.68E-04	7.59E-05	3.01E-03	2.59E-07	2.45E-06	7.51E-03	9.74E-06	9.80E-06	1.07E-02	3
Concrete/Industrial Saws	G4	15 U	6.41E+01	5.45E+01	3.76E+01	3.18E-03	1.92E-03	1.08E-01	5.17E-06	1.52E-03	1.81E-01	1.65E-04	1.85E-04	2.36E-01	74
Concrete/Industrial Saws	G4	25 U	2.01E+01	1.71E+01	2.27E+01	1.89E-03	1.04E-03	6.67E-02	2.71E-06	8.98E-04	1.07E-01	6.90E-05	1.10E-04	1.31E-01	41
Concrete/Industrial Saws	G4	50 U	1.81E+00	3.03E+00	8.44E+00	1.28E-04	2.47E-04	6.02E-03	8.69E-07	5.48E-06	7.15E-02	1.36E-05	7.44E-06	7.59E-02	24
Concrete/Industrial Saws	G4	120 U	1.04E+00	1.74E+00	8.26E+00	7.13E-05	3.36E-04	1.94E-03	7.38E-07	5.92E-06	7.64E-02	1.21E-05	4.15E-06	8.02E-02	25
Cement and Mortar Mixers	G4	5 U	2.59E+02	6.53E+01	1.67E+01	2.15E-03	8.91E-04	3.94E-02	3.15E-06	6.32E-05	9.12E-02	1.19E-04	1.25E-04	1.31E-01	41
Cement and Mortar Mixers	G4	15 U	4.39E+02	1.11E+02	5.86E+01	7.33E-03	2.01E-03	1.85E-01	7.05E-06	1.65E-03	2.47E-01	2.35E-04	4.27E-04	3.29E-01	104
Cement and Mortar Mixers	G4	25 U	1.85E+00	4.66E-01	7.60E-01	8.53E-05	2.34E-05	2.39E-03	8.24E-08	2.17E-05	3.25E-03	1.70E-06	4.97E-06	3.88E-03	1
Cranes	G4	50 U	5.53E-01	6.29E-01	1.20E+00	5.81E-05	8.88E-05	1.25E-03	1.15E-07	7.23E-07	9.44E-03	3.90E-06	3.38E-06	1.07E-02	3
Cranes	G4	120 U	1.11E+00	1.26E+00	4.32E+00	1.60E-04	5.21E-04	2.37E-03	3.61E-07	2.89E-06	3.74E-02	1.38E-05	9.32E-06	4.18E-02	13
Cranes	G4	175 U	4.42E-02	5.03E-02	2.69E-01	5.07E-06	3.92E-05	7.84E-05	2.44E-08	1.96E-07	2.45E-03	7.73E-07	2.95E-07	2.70E-03	1
Crushing/Proc. Equipment	G4	15 U	7.05E-01	5.58E-01	4.20E-01	3.53E-05	2.13E-05	1.21E-03	5.76E-08	1.69E-05	2.02E-03	1.76E-06	2.06E-06	2.61E-03	1
Crushing/Proc. Equipment	G4	25 U	4.62E-01	3.66E-01	4.99E-01	4.13E-05	2.27E-05	1.47E-03	5.97E-08	1.97E-05	2.35E-03	1.50E-06	2.41E-06	2.87E-03	1
Crushing/Proc. Equipment	G4	120 U	6.41E-01	4.24E-01	3.38E+00	1.10E-04	4.08E-04	1.70E-03	2.85E-07	2.29E-06	2.95E-02	7.28E-06	6.40E-06	3.19E-02	10
Rough Terrain Forklifts	G4	50 U	2.21E-01	2.50E-01	8.16E-01	3.93E-05	6.02E-05	8.44E-04	7.78E-08	4.90E-07	6.40E-03	2.06E-06	2.29E-06	7.09E-03	2
Rough Terrain Forklifts	G4	120 U	3.14E+00	3.56E+00	1.88E+01	6.95E-04	2.27E-03	1.03E-02	1.57E-06	1.26E-05	1.63E-01	4.90E-05	4.05E-05	1.79E-01	56
Rough Terrain Forklifts	G4	175 U	1.11E-01	1.25E-01	1.02E+00	1.92E-05	1.49E-04	2.97E-04	9.24E-08	7.41E-07	9.30E-03	2.40E-06	1.12E-06	1.01E-02	3
Rubber Tired Loaders	G4	50 U	5.53E-01	7.76E-01	1.86E+00	9.29E-05	1.37E-04	1.98E-03	1.76E-07	1.11E-06	1.45E-02	5.42E-06	5.41E-06	1.63E-02	5
Rubber Tired Loaders	G4	120 U	3.67E+00	5.15E+00	1.99E+01	7.65E-04	2.40E-03	1.12E-02	1.65E-06	1.33E-05	1.71E-01	6.01E-05	4.45E-05	1.91E-01	60
Tractors/Loaders/Backhoes	G4	120 U	1.95E+00	4.64E+00	1.41E+01	6.08E-04	1.73E-03	8.78E-03	1.16E-06	9.28E-06	1.20E-01	4.81E-05	3.53E-05	1.36E-01	43
Skid Steer Loaders	G4	15 U	1.38E+00	1.21E+00	1.01E+00	1.02E-04	4.61E-05	2.99E-03	1.33E-07	3.90E-05	4.66E-03	3.81E-06	5.92E-06	5.96E-03	2
Skid Steer Loaders	G4	25 U	9.26E+01	8.10E+01	9.21E+01	8.75E-03	3.77E-03	2.76E-01	1.07E-05	3.54E-03	4.22E-01	2.83E-04	5.10E-04	5.21E-01	164
Skid Steer Loaders	G4	50 U	1.51E+01	1.28E+01	2.55E+01	9.67E-04	1.76E-03	2.38E-02	2.50E-06	1.57E-05	2.05E-01	7.71E-05	5.63E-05	2.31E-01	73
Skid Steer Loaders	G4	120 U	9.02E+00	7.67E+00	3.45E+01	9.81E-04	3.85E-03	1.61E-02	2.93E-06	2.35E-05	3.04E-01	9.13E-05	5.72E-05	3.33E-01	105
Dumpers/Tenders	G4	5 U	1.32E+01	5.40E+00	7.32E-01	1.08E-04	4.50E-05	1.57E-03	1.45E-07	2.90E-06	4.19E-03	7.57E-06	6.28E-06	6.67E-03	2
Dumpers/Tenders	G4	15 U	2.82E+01	1.15E+01	4.81E+00	6.31E-04	1.67E-04	1.52E-02	5.73E-07	1.37E-04	2.01E-02	2.17E-05	3.68E-05	2.76E-02	9
Dumpers/Tenders	G4	25 U	5.22E+00	2.13E+00	1.85E+00	2.18E-04	5.76E-05	5.81E-03	1.99E-07	5.35E-05	7.87E-03	5.57E-06	1.27E-05	9.86E-03	3
Dumpers/Tenders	G4	120 U	3.98E-01	1.39E-01	3.64E-01	1.07E-05	4.39E-05	1.72E-04	3.09E-08	2.48E-07	3.20E-03	1.32E-06	6.25E-07	3.62E-03	1
Other Construction Equipment	G4	175 U	1.55E+00	1.57E+00	8.65E+00	1.35E-04	1.07E-03	2.49E-03	7.85E-07	6.30E-06	7.91E-02	2.18E-05	7.85E-06	8.60E-02	27
Pavers	D	25 U	3.73E-01	8.40E-01	7.19E-01	1.91E-05	8.02E-05	4.82E-05	9.27E-07	6.12E-06	7.83E-03	0.00E+00	1.73E-06	7.87E-03	2
Pavers	D	50 U	2.17E+01	5.00E+01	6.64E+01	5.07E-03	8.30E-03	1.07E-02	8.43E-05	1.09E-03	6.99E-01	0.00E+00	4.58E-04	7.08E-01	223
Pavers	D	120 U	2.56E+01	5.89E+01	1.88E+02	6.21E-03	3.51E-02	1.64E-02	2.23E-04	3.12E-03	2.04E+00	0.00E+00	5.61E-04	2.05E+00	645
Pavers	D	175 U	1.59E+01	3.66E+01	2.15E+02	4.74E-03	3.68E-02	1.54E-02	2.46E-04	2.07E-03	2.35E+00	0.00E+00	4.28E-04	2.36E+00	742
Pavers	D	250 U	1.92E+00	4.41E+00	3.91E+01	7.00E-04	6.48E-03	2.01E-03	4.50E-05	2.89E-04	4.29E-01	0.00E+00	6.31E-05	4.30E-01	135
Pavers	D	500 U	1.97E+00	4.53E+00	4.84E+01	7.60E-04	7.34E-03	3.98E-03	4.83E-05	3.11E-04	5.28E-01	0.00E+00	6.86E-05	5.29E-01	167
Plate Compactors	D	15 U	8.01E+00	1.32E+01	2.60E+00	4.00E-05	2.72E-04	1.75E-04	4.12E-06	1.88E-05	2.84E-02	0.00E+00	3.61E-06	2.85E-02	9
Rollers	D	15 U	1.50E+01	2.87E+01	8.28E+00	1.22E-04	8.33E-04	5.53E-04	1.32E-05	5.77E-05	9.05E-02	0.00E+00	1.10E-05	9.08E-02	29
Rollers	D	25 U	6.29E+00	1.20E+01	7.30E+00	1.29E-04	7.61E-04	3.72E-04	9.47E-06	4.89E-05	7.99E-02	0.00E+00	1.17E-05	8.02E-02	25
Rollers	D	50 U	1.96E+01	3.77E+01	4.62E+01	3.14E-03	5.61E-03	6.78E-03	5.91E-05	6.97E-04	4.90E-01	0.00E+00	2.84E-04	4.96E-01	156
Rollers	D	120 U	1.05E+02	2.03E+02	5.50E+02	1.64E-02	9.42E-02	4.51E-02	6.54E-04	8.30E-03	5.97E+00	0.00E+00	1.48E-03	6.00E+00	1,889
Rollers	D	175 U	4.23E+01	8.15E+01	4.03E+02	7.92E-03	6.33E-02	2.66E-02	4.62E-04	3.42E-03	4.40E+00	0.00E+00	7.15E-04	4.42E+00	1,390
Rollers	D	250 U	5.99E+00	1.16E+01	8.05E+01	1.23E-03	1.22E-02	3.52E-03	9.28E-05	4.96E-04	8.84E-01	0.00E+00	1.11E-04	8.86E-01	279
Rollers	D	500 U	4.20E+00	8.10E+00	8.10E+01	1.09E-03	1.12E-02	4.97E-03	8.13E-05	4.41E-04	8.87E-01	0.00E+00	9.83E-05	8.89E-01	280
Scrapers	D	120 U	9.70E-01	2.99E+00	1.29E+01	4.35E-04	2.42E-03	1.14E-03	1.53E-05	2.22E-04	1.40E-01	0.00E+00	3.92E-05	1.41E-01	44
Scrapers	D	175 U	8.88E+00	2.74E+01	1.86E+02	4.15E-03	3.18E-02	1.34E-02	2.12E-04	1.83E-03	2.02E+00	0.00E+00	3.75E-04	2.03E+00	639
Scrapers	D	250 U	8.66E+00	2.67E+01	2.55E+02	4.53E-03	4.21E-02	1.28E-02	2.93E-04	1.85E-03	2.79E+00	0.00E+00	4.08E-04	2.80E+00	881
Scrapers	D	500 U	2.38E+01	7.34E+01	1.08E+03	1.69E-02	1.63E-01	8.44E-02	1.08E-03	6.87E-03	1.18E+01	0.00E+00	1.52E-03	1.18E+01	3,720
Scrapers	D	750 U	2.63E+00	8.10E+00	2.06E+02	3.26E-03	3.16E-02	1.61E-02	2.11E-04	1.32E-03	2.25E+00	0.00E+00	2.94E-04	2.25E+00	709
Paving Equipment	D	25 U	6.47E-01	1.47E+00	8.47E-01	1.50E-05	8.83E-05	4.31E-05	1.10E-06	5.68E-06	9.27E-03	0.00E+00	1.35E-06	9.30E-03	3
Paving Equipment	D	50 U	5.47E-01	1.26E+00	1.43E+00	1.08E-04	1.79E-04	2.29E-04	1.82E-06	2.32E-05	1.51E-02	0.00E+00	9.76E-06	1.53E-02	5

Construction

Equipment	Fuel	MaxHP	C/R	Population	Activity	Tons/Day Consumption	ROG Exhaust	NOX Exhaust	CO Exhaust	SO2 Exhaust	PM Exhaust	CO2 Exhaust	N2O Exhaust	CH4 Exhaust	CO2e	MTons/Year CO2e
Paving Equipment	D	120	U	7.89E+00	1.82E+01	4.57E+01	1.50E-03	8.49E-03	3.97E-03	5.42E-05	7.49E-04	4.95E-01	0.00E+00	1.35E-04	4.98E-01	157
Paving Equipment	D	175	U	3.71E+00	8.54E+00	3.95E+01	8.61E-04	6.73E-03	2.81E-03	4.53E-05	3.75E-04	4.31E-01	0.00E+00	7.77E-05	4.33E-01	136
Paving Equipment	D	250	U	1.04E+00	2.41E+00	1.34E+01	2.38E-04	2.21E-03	6.87E-04	1.54E-05	9.84E-05	1.47E-01	0.00E+00	2.15E-05	1.48E-01	46
Surfacing Equipment	D	50	U	4.97E-01	6.22E-01	4.11E-01	2.43E-05	4.87E-05	5.35E-05	5.29E-07	5.61E-06	4.38E-03	0.00E+00	2.19E-06	4.43E-03	1
Surfacing Equipment	D	120	U	9.95E-02	1.24E-01	3.65E-01	1.02E-05	6.02E-05	2.87E-05	4.34E-07	5.01E-06	3.96E-03	0.00E+00	9.18E-07	3.98E-03	1
Surfacing Equipment	D	175	U	7.46E-02	9.33E-02	3.66E-01	6.70E-06	5.54E-05	2.33E-05	4.20E-07	2.83E-06	4.00E-03	0.00E+00	6.04E-07	4.01E-03	1
Surfacing Equipment	D	250	U	1.49E-01	1.87E-01	1.14E+00	1.62E-05	1.67E-04	4.78E-05	1.32E-06	6.42E-06	1.26E-02	0.00E+00	1.46E-06	1.26E-02	4
Surfacing Equipment	D	500	U	1.24E+00	1.55E+00	1.57E+01	1.97E-04	2.11E-03	9.14E-04	1.57E-05	7.88E-05	1.72E-01	0.00E+00	1.78E-05	1.72E-01	54
Surfacing Equipment	D	750	U	5.03E-01	6.28E-01	9.94E+00	1.28E-04	1.37E-03	5.80E-04	1.02E-05	5.04E-05	1.09E-01	0.00E+00	1.15E-05	1.09E-01	34
Signal Boards	D	15	U	7.00E+01	1.44E+02	4.06E+01	5.80E-04	3.89E-03	2.71E-03	6.45E-05	2.74E-04	4.44E-01	0.00E+00	5.23E-05	4.45E-01	140
Signal Boards	D	50	U	3.48E-01	5.11E-01	8.65E-01	4.88E-05	1.01E-04	1.08E-04	1.11E-06	1.14E-05	9.24E-03	0.00E+00	4.40E-06	9.33E-03	3
Signal Boards	D	120	U	5.70E+00	8.36E+00	3.08E+01	8.24E-04	4.85E-03	2.36E-03	3.67E-05	4.10E-04	3.35E-01	0.00E+00	7.43E-05	3.36E-01	106
Signal Boards	D	175	U	3.53E+00	5.18E+00	3.66E+01	6.41E-04	5.30E-03	2.24E-03	4.20E-05	2.70E-04	4.00E-01	0.00E+00	5.78E-05	4.01E-01	126
Signal Boards	D	250	U	7.46E-01	1.09E+00	1.27E+01	1.58E-04	1.74E-03	4.56E-04	1.47E-05	6.16E-05	1.40E-01	0.00E+00	1.43E-05	1.40E-01	44
Trenchers	D	15	U	1.87E+00	3.16E+00	1.22E+00	1.75E-05	1.17E-04	8.16E-05	1.94E-06	8.25E-06	1.34E-02	0.00E+00	1.58E-06	1.34E-02	4
Trenchers	D	25	U	1.97E+00	3.33E+00	5.00E+00	8.19E-05	5.13E-04	2.43E-04	6.48E-06	3.21E-05	5.48E-02	0.00E+00	7.39E-06	5.49E-02	17
Trenchers	D	50	U	7.48E+01	1.31E+02	2.04E+02	1.48E-02	2.53E-02	3.15E-02	2.59E-04	3.22E-03	2.15E+00	0.00E+00	1.34E-03	2.18E+00	686
Trenchers	D	120	U	1.01E+02	1.77E+02	5.30E+02	1.72E-02	9.83E-02	4.58E-02	6.29E-04	8.49E-03	5.75E+00	0.00E+00	1.55E-03	5.78E+00	1,819
Trenchers	D	175	U	1.11E+01	1.94E+01	1.28E+02	2.76E-03	2.17E-02	9.07E-03	1.46E-04	1.19E-03	1.39E+00	0.00E+00	2.49E-04	1.40E+00	441
Trenchers	D	250	U	9.95E-01	1.74E+00	1.77E+01	3.14E-04	2.91E-03	9.10E-04	2.03E-05	1.29E-04	1.94E-01	0.00E+00	2.83E-05	1.94E-01	61
Trenchers	D	500	U	1.27E+00	2.22E+00	3.16E+01	4.93E-04	4.80E-03	2.67E-03	3.16E-05	2.02E-04	3.45E-01	0.00E+00	4.45E-05	3.46E-01	109
Trenchers	D	750	U	1.01E-01	1.76E-01	4.73E+00	7.47E-05	7.28E-04	3.99E-04	4.84E-06	3.03E-05	5.15E-02	0.00E+00	6.74E-06	5.17E-02	16
Bore/Drill Rigs	D	15	U	2.49E-01	5.53E-01	2.61E-01	3.85E-06	2.63E-05	1.75E-05	4.15E-07	1.82E-06	2.86E-03	0.00E+00	3.48E-07	2.87E-03	1
Bore/Drill Rigs	D	25	U	7.46E-01	1.66E+00	1.21E+00	2.14E-05	1.26E-04	6.16E-05	1.57E-06	8.11E-06	1.33E-02	0.00E+00	1.94E-06	1.33E-02	4
Bore/Drill Rigs	D	50	U	3.26E+00	7.59E+00	1.10E+01	5.03E-04	1.18E-03	1.22E-03	1.42E-05	1.30E-04	1.18E-01	0.00E+00	4.54E-05	1.19E-01	37
Bore/Drill Rigs	D	120	U	1.00E+01	2.33E+01	8.23E+01	1.86E-03	1.09E-02	6.02E-03	9.82E-05	1.01E-03	8.97E-01	0.00E+00	1.68E-04	9.00E-01	283
Bore/Drill Rigs	D	175	U	2.31E+00	5.39E+00	3.46E+01	4.85E-04	4.17E-03	2.03E-03	3.99E-05	2.20E-04	3.80E-01	0.00E+00	4.37E-05	3.80E-01	120
Bore/Drill Rigs	D	250	U	1.99E+00	4.63E+00	3.94E+01	3.03E-04	4.44E-03	8.39E-04	4.57E-05	1.11E-04	4.35E-01	0.00E+00	2.73E-05	4.36E-01	137
Bore/Drill Rigs	D	500	U	4.43E+00	1.03E+01	1.45E+02	9.37E-04	1.42E-02	3.01E-03	1.47E-04	3.78E-04	1.60E+00	0.00E+00	8.45E-05	1.60E+00	505
Bore/Drill Rigs	D	750	U	1.56E+00	3.63E+00	1.01E+02	6.96E-04	1.05E-02	2.10E-03	1.05E-04	2.72E-04	1.11E+00	0.00E+00	6.28E-05	1.12E+00	351
Bore/Drill Rigs	D	1000	U	2.61E+00	6.08E+00	2.56E+02	2.66E-03	3.37E-02	7.09E-03	2.65E-04	9.10E-04	2.82E+00	0.00E+00	2.40E-04	2.82E+00	889
Excavators	D	25	U	9.20E-01	3.52E+00	2.64E+00	3.97E-05	2.66E-04	1.22E-04	3.43E-06	1.62E-05	2.89E-02	0.00E+00	3.58E-06	2.90E-02	9
Excavators	D	50	U	3.46E+01	1.35E+02	1.60E+02	1.18E-02	1.95E-02	2.55E-02	2.03E-04	2.58E-03	1.69E+00	0.00E+00	1.06E-03	1.71E+00	538
Excavators	D	120	U	9.41E+01	3.66E+02	1.24E+03	3.75E-02	2.05E-01	1.03E-01	1.47E-03	2.02E-02	1.35E+01	0.00E+00	3.38E-03	1.35E+01	4,263
Excavators	D	175	U	1.82E+02	7.07E+02	3.63E+03	7.20E-02	5.51E-01	2.41E-01	4.16E-03	3.22E-02	3.96E+01	0.00E+00	6.50E-03	3.98E+01	12,513
Excavators	D	250	U	7.38E+01	2.87E+02	2.07E+03	2.85E-02	2.99E-01	7.59E-02	2.39E-03	1.11E-02	2.28E+01	0.00E+00	2.57E-03	2.28E+01	7,188
Excavators	D	500	U	5.33E+01	2.07E+02	2.20E+03	2.68E-02	2.85E-01	9.35E-02	2.22E-03	1.06E-02	2.42E+01	0.00E+00	2.42E-03	2.43E+01	7,636
Excavators	D	750	U	7.88E-01	3.07E+00	5.40E+01	6.69E-04	7.19E-03	2.29E-03	5.57E-05	2.63E-04	5.93E-01	0.00E+00	6.03E-05	5.95E-01	187
Concrete/Industrial Saws	D	25	U	9.95E-02	1.62E-01	1.21E-01	1.99E-06	1.24E-05	5.89E-06	1.57E-07	7.80E-07	1.33E-03	0.00E+00	1.79E-07	1.33E-03	0
Concrete/Industrial Saws	D	50	U	8.71E-01	1.38E+00	1.96E+00	1.17E-04	2.32E-04	2.57E-04	2.52E-06	2.69E-05	2.09E-02	0.00E+00	1.05E-05	2.11E-02	7
Concrete/Industrial Saws	D	120	U	1.52E+00	2.41E+00	8.22E+00	2.25E-04	1.32E-03	6.37E-04	9.79E-06	1.12E-04	8.94E-02	0.00E+00	2.03E-05	8.98E-02	28
Concrete/Industrial Saws	D	175	U	4.97E-02	7.91E-02	5.79E-01	1.04E-05	8.56E-05	3.59E-05	6.65E-07	4.39E-06	6.33E-03	0.00E+00	9.38E-07	6.35E-03	2
Cement and Mortar Mixers	D	15	U	1.27E+01	1.05E+01	3.03E+00	5.82E-05	3.66E-04	2.20E-04	4.79E-06	2.71E-05	3.30E-02	0.00E+00	5.25E-06	3.31E-02	10
Cement and Mortar Mixers	D	25	U	1.14E+00	9.41E-01	7.60E-01	2.25E-05	8.66E-05	5.50E-05	9.78E-07	6.85E-06	8.26E-03	0.00E+00	2.03E-06	8.30E-03	3
Cranes	D	50	U	8.46E-01	2.97E+00	3.27E+00	2.54E-04	4.08E-04	5.38E-04	4.15E-06	5.44E-05	3.44E-02	0.00E+00	2.29E-05	3.49E-02	11
Cranes	D	120	U	9.28E+00	3.26E+01	7.53E+01	2.42E-03	1.34E-02	6.45E-03	8.94E-05	1.26E-03	8.16E-01	0.00E+00	2.19E-04	8.21E-01	258
Cranes	D	175	U	9.28E+00	3.26E+01	1.20E+02	2.55E-03	1.97E-02	8.28E-03	1.37E-04	1.12E-03	1.31E+00	0.00E+00	2.30E-04	1.31E+00	413
Cranes	D	250	U	1.80E+01	6.32E+01	3.23E+02	5.28E-03	5.08E-02	1.47E-02	3.72E-04	2.14E-03	3.54E+00	0.00E+00	4.76E-04	3.55E+00	1,117
Cranes	D	500	U	6.59E+00	2.31E+01	1.90E+02	2.75E-03	2.73E-02	1.20E-02	1.91E-04	1.11E-03	2.08E+00	0.00E+00	2.48E-04	2.09E+00	657
Cranes	D	750	U	3.27E+00	1.15E+01	1.59E+02	2.33E-03	2.32E-02	1.00E-02	1.63E-04	9.35E-04	1.74E+00	0.00E+00	2.10E-04	1.74E+00	548
Cranes	D	9999	U	4.11E+00	1.44E+01	6.39E+02	1.03E-02	1.05E-01	4.58E-02	6.55E-04	3.61E-03	6.98E+00	0.00E+00	9.30E-04	7.00E+00	2,204
Graders	D	50	U	3.48E-01	9.19E-01	1.20E+00	8.89E-05	1.47E-04	1.91E-04	1.53E-06	1.93E-05	1.26E-02	0.00E+00	8.02E-06	1.28E-02	4
Graders	D	120	U	2.32E+01	6.13E+01	2.12E+02	6.56E-03	3.65E-02	1.78E-02	2.52E-04	3.43E-03	2.30E+00	0.00E+00	5.92E-04	2.31E+00	727
Graders	D	175	U	7.94E+01	2.10E+02	1.19E+03	2.43E-02	1.88E-01	8.04E-02	1.36E-03	1.07E-02	1.30E+01	0.00E+00	2.19E-03	1.30E+01	4,099
Graders	D	250	U	4.93E+01	1.30E+02	1.02E+03	1.54E-02	1.54E-01	4.27E-02	1.17E-03	6.19E-03	1.12E+01	0.00E+00	1.39E-03	1.12E+01	3,529
Graders	D	500	U	1.39E+00	3.68E+00	3.85E+01	5.14E-04	5.28E-03	2.16E-03	3.86E-05	2.07E-04	4.22E-01	0.00E+00	4.64E-05	4.23E-01	133
Graders	D	750	U	5.03E-02	1.33E-01	2.94E+00	3.99E-05	4.13E-04	1.65E-04	3.02E-06	1.60E-05	3.22E-02	0.00E+00	3.60E-06	3.23E-02	10
Off-Highway Trucks	D	175	U	1.62E+00	8.80E+00	5.04E+01	1.04E-03	7.84E-03	3.42E-03	5.78E-05	4.66E-04	5.50E-01	0.00E+00	9.39E-05	5.52E-01	174
Off-Highway Trucks	D	250	U	1.19E+01	6.50E+01	4.92E+02	7.13E-03	7.28E-02	1.88E-02	5.68E-04	2.77E-03	5.41E+00	0.00E+00	6.43E-04	5.42E+00	1,707
Off-Highway Trucks	D	500	U	1.68E+01	9.16E+01	1.13E+03	1.47E-02	1.50E-01	5.11E-02	1.14E-03	5.71E-03	1.25E+01	0.00E+00	1.32E-03	1.25E+01	3,930
Off-Highway Trucks	D	750	U	1.05E+01	5.74E+01	1.15E+03	1.51E-02	1.57E-01	5.20E-02	1.19E-03	5.89E-03	1.27E+01	0.00E+00	1.36E-03	1.27E+01	3,995
Off-Highway Trucks	D	1000	U	4.94E+00	2.69E+01	7.66E+02	1.14E-02	1.21E-01	4.16E-02	7.87E-04	3.94E-03	8.39E+00	0.00E+00	1.03E-03	8.41E+00	2,648
Crushing/Proc. Equipment	D	50	U	3.98E+00	1.04E+01	2.16E+01	1.48E-03	2.61E-03	3.19E-03	2.76E-05	3.28E-04	2.29E-01	0.00E+00	1.33E-04	2.32E-01	73
Crushing/Proc. Equipment	D	120	U	1.12E+01	2.94E+01	1.12E+02	3.31E-03	1.86E-02	9.10E-03	1.34E-04	1.71E-03	1.22E+00	0.00E+00	2.98E-04	1.23E+00	386
Crushing/Proc. Equipment	D	175	U	4.75E+00	1.24E+01	9.52E+01	1.84E-03	1.45E-02	6.17E-03	1.09E-04	8.02E-04	1.04E+00	0.00E+00	1.66E-04	1.04E+00	328
Crushing/Proc. Equipment	D	250	U	4.73E-01	1.24E+00	1.38E+01	1.89E-04	1.99E-03	5.24E-04	1.59E-05	7.50E-05	1.51E-01	0.00E+00	1.71E-05	1.52E-01	48
Crushing/Proc. Equipment	D	500	U	2.66E+00	6.97E+00	1.19E+02	1.44E-03	1.57E-02	5.84E-03	1.19E-04	5.78E-04	1.30E+00	0.00E+00	1.30E-04	1.30E+00	410
Crushing/Proc. Equipment	D	750	U	8.38E-02	2.19E-01	5.88E+00	7.18E-05	7.92E-04	2.76E-04	6.06E-06	2.84E-05	6.45E-02	0.00E+00	6.48E-06	6.47E-02	20
Crushing/Proc. Equipment	D	9999	U	8.38E-02	2.19E-01	1.31E+01	1.95E-04	2.03E-03	7.68E-04	1.35E-05	6.78E-05	1.43E-01	0.00E+00	1.76E-05	1.44E-01	45
Rough Terrain Forklifts	D	50	U	2.76E+00	8.57E+00	1.37E+01	9.80E-04	1.67E-03	2.11E-03	1.75E-05	2.15E-04	1.45E-01	0.00E+00	8.84E-05	1.47E-01	46
Rough Terrain Forklifts	D	120	U	1.32E+02	4.11E+02	1.18E+03	3.51E-02	1.96E-01	9.67E-02	1.40E-03	1.85E-02	1.28E+01	0.00E+00	3.16E-03	1.29E+01	4,054
Rough Terrain Forklifts	D	175	U	1.69E+01	5.26E+01	3.01E+02	5.87E-03	4.59E-02	1.97E-02	3.45E-04	2.59E-03	3.28E+00	0.00E+00	5.30E-04	3.29E+00	1,037
Rough Terrain Forklifts	D	250	U	9.45E-01	2.94E+00	2.28E+01	3.21E-04	3.31E-03	8.79E-04	2.63E-05	1.27E-04	2.50E-01	0.00E+00	2.90E-05	2.51E-01	79
Rough Terrain Forklifts	D	500	U	6.22E-01	1.93E+00	2.25E+01	2.80E-04	2.97E-03	1.05E-03	2.27E-05	1.12E-04	2.48E-01	0.00E+00	2.53E-05	2.48E-01	78
Rubber Tired Loaders	D	25	U	3.48E-01	9.14E-01	7.05E-01	1.16E-05	7.24E-05	3.43E-05	9.15E-07	4.53E-06	7.73E-03	0.00E+00	1.04E-06	7.75E-03	2
Rubber Tired Loaders	D	50	U	6.77E+00	1.82E+01	2.69E+01	1.97E-03	3.29E-03	4.22E-03	3.42E-05	4.29E-04	2.83E-01	0.00E+00	1.78E-04	2.87E-01	90
Rubber Tired Loaders	D	120	U	1.84E+02	4.95E+02	1.34E+03	4.12E-02	2.30E-01	1.12E-01	1.60E-03	2.16E-02	1.46E+01	0.00E+00	3.72E-03	1.46E+01	4,611
Rubber Tired Loaders	D	175	U	1.04E+02	2.79E+02	1.36E+03	2.74E-02	2.13E-01	9.12E-02	1.56E-03	1.21E-02	1.48E+01	0.00E+00	2.48E-03	1.49E+01	4,682
Rubber Tired Loaders	D	250	U	1.03E+02	2.78E+02	1.88E+03	2.81E-02	2.83E-01	7.79E-02	2.17E-03	1.13E-02	2.07E+01	0.00E+00	2.54E-03	2.07E+01	6,518
Rubber Tired Loaders	D	500	U	4.29E+01	1.15E+02	1.25E+03	1.64E-02	1.70E-01	6.82E-02	1.25E-03	6.63E-03	1.37E+01	0.00E+00	1.48E-03	1.37E+01	4,314
Rubber Tired Loaders	D	750	U	2.03E+00	5.46E+00	1.21E+02	1.62E-03	1.69E-02	6.60E-03	1.24E-04	6.49E-04	1.32E+00	0.00E+00	1.46E-04	1.33E+00	418
Rubber Tired Loaders	D	1000	U	2.18E-01	5.86E-01	1.59E+01	2.42E-04	2.52E-03	1.00E-03	1.63E-05	8.43E-05	1.74E-01	0.00E+00	2.18E-05	1.74E-01	55
Rubber Tired Dozers	D	175	U	2.49E-01	1.13E+00	6.69E+00	1.65E-04	1.24E-03	5.16E-04	7.64E-06	7.27E-05	7.28E-02	0.00E+00	1.49E-05	7.31E-02	23
Rubber Tired Dozers	D	250	U	6.09E+00	2.76E+01	2.31E+02	4.71E-03	4.15E-02	1.33E-02	2.65E-04	1.94E-03	2.53E+00	0.00E+00	4.25E-04	2.54E+00	798

Construction

Equipment	Fuel	MaxHP	C/R	Population	Activity	Consumption	ROG Exhaust	NOX Exhaust	CO Exhaust	SO2 Exhaust	PM Exhaust	CO2 Exhaust	N2O Exhaust	CH4 Exhaust	CO2e	MTons/Year CO2e
						Tons/Day										
Rubber Tired Dozers	D	500	U	9.38E+00	4.24E+01	5.16E+02	9.26E-03	8.47E-02	5.10E-02	5.14E-04	3.76E-03	5.61E+00	0.00E+00	8.36E-04	5.63E+00	1,772
Rubber Tired Dozers	D	750	U	2.23E+00	1.01E+01	1.85E+02	3.33E-03	3.07E-02	1.82E-02	1.88E-04	1.35E-03	2.01E+00	0.00E+00	3.01E-04	2.01E+00	634
Rubber Tired Dozers	D	1000	U	1.51E-01	6.81E-01	1.86E+01	3.54E-04	3.35E-03	1.96E-03	1.89E-05	1.31E-04	2.01E-01	0.00E+00	3.20E-05	2.02E-01	64
Tractors/Loaders/Backhoes	D	25	U	7.01E+00	1.81E+01	1.32E+01	3.01E-04	1.43E-03	7.93E-04	1.70E-05	1.02E-04	1.44E-01	0.00E+00	2.72E-05	1.44E-01	45
Tractors/Loaders/Backhoes	D	50	U	4.19E+01	1.11E+02	1.59E+02	1.09E-02	1.90E-02	2.37E-02	2.03E-04	2.42E-03	1.68E+00	0.00E+00	9.79E-04	1.70E+00	536
Tractors/Loaders/Backhoes	D	120	U	5.61E+02	1.48E+03	3.53E+03	1.01E-01	5.62E-01	2.85E-01	4.20E-03	5.42E-02	3.83E+01	0.00E+00	9.13E-03	3.85E+01	12,128
Tractors/Loaders/Backhoes	D	175	U	4.18E+01	1.11E+02	5.13E+02	9.61E-03	7.53E-02	3.30E-02	5.89E-04	4.27E-03	5.61E+00	0.00E+00	8.67E-04	5.63E+00	1,771
Tractors/Loaders/Backhoes	D	250	U	1.35E+01	3.58E+01	2.79E+02	3.57E-03	3.88E-02	9.59E-03	3.23E-04	1.39E-03	3.07E+00	0.00E+00	3.22E-04	3.08E+00	969
Tractors/Loaders/Backhoes	D	500	U	2.18E+01	5.78E+01	9.05E+02	1.02E-02	1.13E-01	3.49E-02	1.05E-03	4.05E-03	9.96E+00	0.00E+00	9.18E-04	9.98E+00	3,140
Tractors/Loaders/Backhoes	D	750	U	1.01E+01	2.68E+01	6.30E+02	7.25E-03	8.12E-02	2.43E-02	7.28E-04	2.86E-03	6.93E+00	0.00E+00	6.54E-04	6.95E+00	2,186
Crawler Tractors	D	50	U	3.48E-01	1.02E+00	1.20E+00	9.61E-05	1.51E-04	2.03E-04	1.52E-06	2.04E-05	1.26E-02	0.00E+00	8.67E-06	1.28E-02	4
Crawler Tractors	D	120	U	1.98E+02	5.77E+02	1.75E+03	5.87E-02	3.25E-01	1.54E-01	2.08E-03	3.01E-02	1.90E+01	0.00E+00	5.30E-03	1.91E+01	6,003
Crawler Tractors	D	175	U	6.69E+01	1.95E+02	1.08E+03	2.42E-02	1.85E-01	7.79E-02	1.24E-03	1.07E-02	1.18E+01	0.00E+00	2.18E-03	1.19E+01	3,733
Crawler Tractors	D	250	U	5.75E+01	1.68E+02	1.27E+03	2.23E-02	2.09E-01	6.26E-02	1.46E-03	9.10E-03	1.39E+01	0.00E+00	2.01E-03	1.40E+01	4,395
Crawler Tractors	D	500	U	3.94E+01	1.15E+02	1.36E+03	2.11E-02	2.04E-01	1.03E-01	1.36E-03	8.55E-03	1.49E+01	0.00E+00	1.90E-03	1.49E+01	4,698
Crawler Tractors	D	750	U	1.34E+00	3.91E+00	8.32E+01	1.30E-03	1.27E-02	6.31E-03	8.52E-05	5.26E-04	9.08E-01	0.00E+00	1.17E-04	9.11E-01	287
Crawler Tractors	D	1000	U	1.34E+00	3.91E+00	1.18E+02	2.01E-03	1.99E-02	9.88E-03	1.21E-04	7.24E-04	1.28E+00	0.00E+00	1.82E-04	1.29E+00	406
Skid Steer Loaders	D	25	U	4.78E+01	1.09E+02	6.92E+01	1.99E-03	7.83E-03	4.91E-03	8.91E-05	6.11E-04	7.53E-01	0.00E+00	1.80E-04	7.56E-01	238
Skid Steer Loaders	D	50	U	4.33E+02	1.02E+03	1.22E+03	6.90E-02	1.39E-01	1.57E-01	1.56E-03	1.63E-02	1.30E+01	0.00E+00	6.23E-03	1.31E+01	4,124
Skid Steer Loaders	D	120	U	2.27E+02	5.33E+02	1.05E+03	2.68E-02	1.53E-01	7.99E-02	1.25E-03	1.43E-02	1.14E+01	0.00E+00	2.42E-03	1.14E+01	3,601
Off-Highway Tractors	D	120	U	2.49E-02	7.71E-02	3.34E-01	1.18E-05	6.59E-05	3.05E-05	3.95E-07	5.92E-06	3.61E-03	0.00E+00	1.07E-06	3.63E-03	1
Off-Highway Tractors	D	175	U	3.04E+01	9.43E+01	5.64E+02	1.35E-02	1.02E-01	4.26E-02	6.45E-04	5.91E-03	6.14E+00	0.00E+00	1.22E-03	6.17E+00	1,942
Off-Highway Tractors	D	250	U	2.88E+01	8.91E+01	5.31E+02	1.05E-02	9.36E-02	2.99E-02	6.10E-04	4.34E-03	5.81E+00	0.00E+00	9.47E-04	5.83E+00	1,834
Off-Highway Tractors	D	750	U	8.41E+00	2.61E+01	6.80E+02	1.19E-02	1.11E-01	6.51E-02	6.94E-04	4.85E-03	7.40E+00	0.00E+00	1.07E-03	7.42E+00	2,336
Off-Highway Tractors	D	1000	U	8.88E-01	2.75E+00	1.03E+02	1.92E-03	1.83E-02	1.06E-02	1.05E-04	7.08E-04	1.12E+00	0.00E+00	1.73E-04	1.12E+00	353
Dumpers/Tenders	D	25	U	5.97E-01	1.08E+00	3.79E-01	9.44E-06	4.17E-05	2.42E-05	4.89E-07	3.10E-06	4.13E-03	0.00E+00	8.52E-07	4.15E-03	1
Other Construction Equipment	D	15	U	8.23E+00	1.56E+01	7.19E+00	1.06E-04	7.24E-04	4.80E-04	1.14E-05	5.01E-05	7.87E-02	0.00E+00	9.57E-06	7.89E-02	25
Other Construction Equipment	D	25	U	1.39E+00	2.64E+00	1.59E+00	2.82E-05	1.66E-04	8.09E-05	2.06E-06	1.07E-05	1.74E-02	0.00E+00	2.54E-06	1.75E-02	5
Other Construction Equipment	D	50	U	2.14E+00	4.12E+00	5.41E+00	3.23E-04	6.31E-04	7.20E-04	6.95E-06	7.49E-05	5.76E-02	0.00E+00	2.92E-05	5.82E-02	18
Other Construction Equipment	D	120	U	3.53E+00	6.80E+00	2.53E+01	6.75E-04	3.90E-03	1.95E-03	3.01E-05	3.50E-04	2.75E-01	0.00E+00	6.09E-05	2.76E-01	87
Other Construction Equipment	D	175	U	4.88E+00	9.38E+00	4.57E+01	7.94E-04	6.48E-03	2.82E-03	5.24E-05	3.45E-04	4.99E-01	0.00E+00	7.17E-05	5.01E-01	158
Other Construction Equipment	D	500	U	1.13E+01	2.18E+01	2.52E+02	2.68E-03	3.08E-02	9.99E-03	2.53E-04	1.07E-03	2.77E+00	0.00E+00	2.42E-04	2.77E+00	873
				5,960	11,627	48,194	1.092	7.274	5.003	0.054	0.461	521.620	0.003	0.096	525	165,150
				Population	Activity	Consumption	lbs/day					Tons/Day				MTons/Year
				1,272	2,481	10,286	466	3,105	2,136	23	197	111	0	0	112	35,248

As a percent of Total Building Permits issued. Fresno County 6,091 Clovis 1,300 Percent 21.34%

SOURCE: U.S. Census Bureau. http://censtats.census.gov/bldg/bldgprmt.shtml;

Annual GHG emissions (MTons/Year) multiplied by 347 days/year to account for reduced/limited construction activity on weekends and holidays. This assumption is consistent with the California Air Resources Board's (CARB) methodology for transportation within the Climate Change Scoping Plan Measure Documentation Supplement.

Buildings Estimates with Imputation

	FC	Clovis
2005	6091	1300

Building Permits
2005 Building Permits
Monthly New Privately-Owned Residential Building Permits
Clovis, California (Fresno County - 079000)

	Estimates with Imputation			Reported Only		
			Construction			Construction
Item	Buildings	Units	cost	Buildings	Units	cost
Single Family	1300	1300	326609593	1300	1300	326609593
Two Family	0	0	0	0	0	0
Three and Four Family	0	0	0	0	0	0
Five or More Family	0	0	0	0	0	0
Total	1300	1300	326609593	1300	1300	326609593

Source: U.S. Census Bureau

Building Permits
2008 Building Permits
Monthly New Privately-Owned Residential Building Permits
Clovis, California (Fresno County - 079000)

	Estimates with Imputation			Reported Only		
			Construction			Construction
Item	Buildings	Units	cost	Buildings	Units	cost
Single Family	393	393	89488632	393	393	89488632
Two Family	0	0	0	0	0	0
Three and Four Family	0	0	0	0	0	0
Five or More Family	3	16	1615580	3	16	1615580
Total	396	409	91104212	396	409	91104212

Source: U.S. Census Bureau

Building Permits
2009 Building Permits
Monthly New Privately-Owned Residential Building Permits
Clovis, California (Fresno County - 079000)

	Estimates with Imputation			Reported Only		
			Construction			Construction
Item	Buildings	Units	cost	Buildings	Units	cost
Single Family	571	571	130301651	571	571	130301651
Two Family	0	0	0	0	0	0
Three and Four Family	0	0	0	0	0	0
Five or More Family	0	0	0	0	0	0
Total	571	571	130301651	571	571	130301651

Source: U.S. Census Bureau

Building Permits
2010 Building Permits
Monthly New Privately-Owned Residential Building Permits
Clovis, California (Fresno County - 079000)

	Estimates with Imputation			Reported Only		
			Construction			Construction
Item	Buildings	Units	cost	Buildings	Units	cost
Single Family	387	387	86608257	387	387	86608257
Two Family	0	0	0	0	0	0
Three and Four Family	0	0	0	0	0	0
Five or More Family	0	0	0	0	0	0
Total	387	387	86608257	387	387	86608257

Source: U.S. Census Bureau

Building Permits
2011 Building Permits
Monthly New Privately-Owned Residential Building Permits
Clovis, California (Fresno County - 079000)

	Estimates with Imputation			Reported Only		
			Construction			Construction
Item	Buildings	Units	cost	Buildings	Units	cost
Single Family	320	320	70390510	286	286	62781516
Two Family	0	0	0	0	0	0
Three and Four Family	0	0	0	0	0	0
Five or More Family	0	0	0	0	0	0
Total	320	320	70390510	286	286	62781516

Source: U.S. Census Bureau

Building Permits
2012 Building Permits
Monthly New Privately-Owned Residential Building Permits
Clovis, California (Fresno County - 079000)

	Estimates with Imputation			Reported Only		
			Construction			Construction
Item	Buildings	Units	cost	Buildings	Units	cost
Single Family	367	367	88154276	367	367	88154276
Two Family	0	0	0	0	0	0
Three and Four Family	0	0	0	0	0	0
Five or More Family	0	0	0	0	0	0
Total	367	367	88154276	367	367	88154276

Source: U.S. Census Bureau

Building Permits
2005 Building Permits
Monthly New Privately-Owned Residential Building Permits
Fresno County, California (019)

	Estimates with Imputation			Reported Only		
			Construction			Construction
Item	Buildings	Units	cost	Buildings	Units	cost
Single Family	5865	5865	1111758289	4105	4105	819602954
Two Family	48	96	8684989	21	42	3798147
Three and Four Family	28	101	9078902	3	11	833811
Five or More Family	150	1338	102959085	84	921	74005880
Total	6091	7400	1232481265	4213	5079	898240792

Source: U.S. Census Bureau

Building Permits
2008 Building Permits
Monthly New Privately-Owned Residential Building Permits
Fresno County, California (019)

	Estimates with Imputation			Reported Only		
			Construction			Construction
Item	Buildings	Units	cost	Buildings	Units	cost
Single Family	2094	2094	359397398	1540	1540	270236745
Two Family	4	8	640759	2	4	251320
Three and Four Family	11	37	3110015	1	3	239288
Five or More Family	39	421	38808897	24	302	30698701
Total	2148	2560	401957069	1567	1849	301426054

Source: U.S. Census Bureau

Building Permits
2009 Building Permits
Monthly New Privately-Owned Residential Building Permits
Fresno County, California (019)

	Estimates with Imputation			Reported Only		
			Construction			Construction
Item	Buildings	Units	cost	Buildings	Units	cost
Single Family	2068	2068	350060016	1830	1830	312843348
Two Family	2	4	473230	2	4	473230
Three and Four Family	14	50	7120310	9	34	5685175
Five or More Family	15	106	6953166	14	101	6493968
Total	2099	2228	364606722	1855	1969	325495721

Source: U.S. Census Bureau

Building Permits
2010 Building Permits
Monthly New Privately-Owned Residential Building Permits
Fresno County, California (019)

	Estimates with Imputation			Reported Only		
			Construction			Construction
Item	Buildings	Units	cost	Buildings	Units	cost
Single Family	1917	1917	357709340	1709	1709	325081336
Two Family	13	26	1830781	13	26	1830781
Three and Four Family	10	32	6870936	5	17	5492996
Five or More Family	25	273	32148962	25	273	32148962
Total	1965	2248	398560019	1752	2025	364554075

Source: U.S. Census Bureau

Building Permits
2011 Building Permits
Monthly New Privately-Owned Residential Building Permits
Fresno County, California (019)

	Estimates with Imputation			Reported Only		
			Construction			Construction
Item	Buildings	Units	cost	Buildings	Units	cost
Single Family	1289	1289	242293787	479	479	98274399
Two Family	3	6	421339	0	0	0
Three and Four Family	10	31	5793475	0	0	0
Five or More Family	24	296	29751721	14	133	8027070
Total	1326	1622	278260322	493	612	106301469

Source: U.S. Census Bureau

Building Permits
2012 Building Permits
Monthly New Privately-Owned Residential Building Permits
Fresno County, California (019)

Item	Estimates with Imputation			Reported Only		
	Buildings	Units	Construction cost	Buildings	Units	Construction cost
Single Family	1511	1511	327736691	1183	1183	277550612
Two Family	4	8	779147	4	8	779147
Three and Four Family	14	43	4061995	6	18	1765428
Five or More Family	25	282	24013260	25	282	24013260
Total	1554	1844	356591093	1218	1491	304108447

Source: U.S. Census Bureau

Agriculture						Tons/Day									MTons/Year
Equipment	Fuel	MaxHP	Population	Activity	Consumption	ROG Exhaust	NOX Exhaust	CO Exhaust	SO2 Exhaust	PM Exhaust	CO2 Exhaust	N2O Exhaust	CH4 Exhaust	CO2e	CO2e
2-Wheel Tractors	G4	5	83.01057	3.64E+01	7.43E+00	1.01E-03	4.62E-04	1.60E-02	1.48E-06	1.39E-05	4.28E-02	6.34E-05	5.87E-05	6.37E-02	20
2-Wheel Tractors	G4	15	96.59698	8.80E+01	4.20E+01	3.13E-03	2.35E-03	1.19E-01	5.89E-06	1.73E-03	2.07E-01	2.28E-04	1.81E-04	2.81E-01	89
2-Wheel Tractors	G4	25	2.591626	2.36E+00	2.32E+00	1.78E-04	1.17E-04	6.76E-03	2.81E-07	9.29E-05	1.11E-02	8.50E-06	1.03E-05	1.39E-02	4
Agricultural Tractors	G4	120	36.67544	5.53E+01	2.78E+02	9.21E-03	2.46E-02	1.58E-01	2.32E-05	1.86E-04	2.40E+00	5.84E-04	5.32E-04	2.59E+00	817
Agricultural Tractors	G4	175	5.026184	7.58E+00	5.38E+01	8.55E-04	5.81E-03	1.77E-02	4.85E-06	3.89E-05	4.88E-01	1.07E-04	4.94E-05	5.22E-01	164
Combines	G4	120	9.188494	3.15E+00	2.21E+01	1.87E-04	6.96E-04	4.83E-03	1.98E-06	1.59E-05	2.05E-01	2.10E-05	1.08E-05	2.12E-01	67
Combines	G4	175	5.104719	1.75E+00	1.92E+01	1.01E-04	6.77E-04	5.49E-03	1.75E-06	1.41E-05	1.76E-01	1.57E-05	5.87E-06	1.81E-01	57
Combines	G4	250	0.9424096	3.23E-01	4.08E+00	1.89E-05	1.70E-04	1.20E-03	3.83E-07	3.07E-06	3.74E-02	3.86E-06	1.10E-06	3.87E-02	12
Balers	G4	50	133.9007	2.50E+01	5.02E+01	1.44E-03	2.81E-03	4.07E-02	5.05E-06	3.18E-05	4.15E-01	1.29E-04	8.33E-05	4.57E-01	144
Balers	G4	120	68.48178	1.28E+01	4.27E+01	8.78E-04	3.67E-03	1.57E-02	3.71E-06	2.97E-05	3.84E-01	1.05E-04	5.08E-05	4.18E-01	131
Agricultural Mowers	G4	15	86.23046	4.26E+01	1.60E+01	1.28E-03	8.58E-04	4.57E-02	2.21E-06	6.49E-04	7.74E-02	9.48E-05	7.42E-05	1.08E-01	34
Agricultural Mowers	G4	25	70.52365	3.48E+01	3.01E+01	2.42E-03	1.45E-03	8.83E-02	3.61E-06	1.19E-03	1.42E-01	1.14E-04	1.40E-04	1.81E-01	57
Sprayers	G4	5	327.0946	8.80E+01	1.46E+01	1.95E-03	8.87E-04	3.18E-02	2.88E-06	2.71E-05	8.33E-02	1.35E-04	1.13E-04	1.28E-01	40
Sprayers	G4	15	101.7802	2.74E+01	1.02E+01	1.12E-03	4.33E-04	3.09E-02	1.29E-06	3.59E-04	4.53E-02	5.34E-05	6.48E-05	6.32E-02	20
Sprayers	G4	25	263.3249	7.08E+01	6.38E+01	6.51E-03	2.44E-03	1.95E-01	7.22E-06	2.25E-03	2.85E-01	2.08E-04	3.76E-04	3.57E-01	113
Sprayers	G4	50	25.20946	5.53E+00	9.56E+00	2.78E-04	5.34E-04	7.85E-03	9.58E-07	6.04E-06	7.88E-02	2.65E-05	1.61E-05	8.74E-02	28
Sprayers	G4	120	42.48695	9.33E+00	3.01E+01	6.29E-04	2.59E-03	1.13E-02	2.62E-06	2.10E-05	2.71E-01	7.52E-05	3.64E-05	2.95E-01	93
Sprayers	G4	175	9.581163	2.10E+00	1.33E+01	1.67E-04	1.32E-03	3.75E-03	1.21E-06	9.74E-06	1.22E-01	2.62E-05	9.67E-06	1.31E-01	41
Tillers	G4	15	11132.53	2.17E+03	1.11E+03	1.05E-01	4.50E-02	3.32E+00	1.45E-04	2.64E-03	5.10E+00	4.86E-03	6.07E-03	6.74E+00	2,121
Swathers	G4	120	137.2776	3.58E+01	1.56E+02	3.32E-03	1.34E-02	5.92E-02	1.35E-05	1.08E-04	1.40E+00	3.39E-04	1.92E-04	1.51E+00	474
Swathers	G4	175	105.2357	2.74E+01	1.67E+02	2.11E-03	1.66E-02	4.72E-02	1.52E-05	1.22E-04	1.53E+00	3.35E-04	1.22E-04	1.63E+00	514
Hydro Power Units	G4	5	19.71207	9.46E+00	2.17E+00	3.01E-04	1.37E-04	4.59E-03	4.33E-07	4.09E-06	1.25E-02	1.77E-05	1.74E-05	1.84E-02	6
Hydro Power Units	G4	15	39.3456	5.01E+01	2.16E+01	1.66E-03	1.25E-03	6.11E-02	3.03E-06	8.91E-04	1.06E-01	1.25E-04	9.59E-05	1.47E-01	46
Hydro Power Units	G4	25	15.00002	1.91E+01	1.80E+01	1.42E-03	9.33E-04	5.25E-02	2.18E-06	7.21E-04	8.61E-02	6.83E-05	8.21E-05	1.09E-01	34
Hydro Power Units	G4	50	1.256546	1.55E+00	3.41E+00	3.81E-05	5.82E-05	2.68E-03	3.47E-07	2.18E-06	2.85E-02	4.76E-06	2.20E-06	3.00E-02	9
Hydro Power Units	G4	120	0.1570683	1.94E-01	6.56E-01	2.82E-06	6.55E-06	1.25E-04	5.91E-08	4.74E-07	6.12E-03	5.69E-07	1.63E-07	6.30E-03	2
Other Agricultural Equipment	G4	5	13.74347	5.47E+00	9.99E-01	1.33E-04	6.04E-05	2.19E-03	1.97E-07	1.86E-06	5.69E-03	8.84E-06	7.67E-06	8.60E-03	3
Other Agricultural Equipment	G4	15	12.01572	4.78E+00	2.59E+00	2.14E-04	1.35E-04	7.44E-03	3.55E-07	1.04E-04	1.24E-02	1.27E-05	1.24E-05	1.67E-02	5
Other Agricultural Equipment	G4	25	3.062831	1.22E+00	1.68E+00	1.38E-04	7.90E-05	4.96E-03	2.01E-07	6.63E-05	7.93E-03	5.05E-06	7.98E-06	9.66E-03	3
Other Agricultural Equipment	G4	50	4.162308	1.42E+00	2.36E+00	6.36E-05	1.17E-04	1.91E-03	2.37E-07	1.49E-06	1.95E-02	6.15E-06	3.68E-06	2.15E-02	7
Other Agricultural Equipment	G4	120	24.10998	8.20E+00	2.86E+01	5.43E-04	2.11E-03	1.01E-02	2.49E-06	2.00E-05	2.58E-01	6.12E-05	3.14E-05	2.78E-01	87
Other Agricultural Equipment	G4	175	2.748695	9.35E-01	6.34E+00	7.06E-05	5.37E-04	1.81E-03	5.77E-07	4.63E-06	5.81E-02	1.07E-05	4.09E-06	6.15E-02	19
Other Agricultural Equipment	G4	250	1.020944	3.47E-01	4.14E+00	3.91E-05	3.12E-04	1.22E-03	3.88E-07	3.11E-06	3.79E-02	5.43E-06	2.26E-06	3.97E-02	12
Agricultural Tractors	D	15	1147.642	1.68E+03	8.05E+02	1.03E-02	6.43E-02	5.38E-02	1.37E-04	2.48E-03	8.82E+00	0.00E+00	9.26E-04	8.83E+00	2,781
Agricultural Tractors	D	25	1415.215	2.07E+03	1.90E+03	2.53E-02	1.61E-01	8.58E-02	2.64E-04	7.01E-03	2.08E+01	0.00E+00	2.28E-03	2.09E+01	6,574
Agricultural Tractors	D	50	3299.577	4.30E+03	6.82E+03	2.61E-01	7.30E-01	7.29E-01	9.51E-04	6.61E-02	7.35E+01	0.00E+00	2.35E-02	7.40E+01	23,307
Agricultural Tractors	D	120	3816.05	4.97E+03	1.66E+04	2.91E-01	1.94E+00	1.19E+00	2.12E-03	1.56E-01	1.81E+02	0.00E+00	2.62E-02	1.82E+02	57,155
Agricultural Tractors	D	175	2149.115	2.80E+03	1.59E+04	1.88E-01	1.64E+00	9.41E-01	1.96E-03	8.38E-02	1.74E+02	0.00E+00	1.69E-02	1.75E+02	55,014
Agricultural Tractors	D	250	1388.16	1.81E+03	1.46E+04	1.14E-01	1.39E+00	3.64E-01	1.81E-03	4.24E-02	1.61E+02	0.00E+00	1.03E-02	1.61E+02	50,765
Agricultural Tractors	D	500	275.7269	3.59E+02	4.74E+03	3.35E-02	4.07E-01	1.29E-01	5.14E-04	1.29E-02	5.23E+01	0.00E+00	3.02E-03	5.24E+01	16,489
Combines	D	120	80.5537	3.32E+01	1.44E+02	2.08E-03	1.55E-02	9.49E-03	1.84E-05	1.08E-03	1.57E+00	0.00E+00	1.88E-04	1.57E+00	495
Combines	D	175	119.5731	4.92E+01	2.79E+02	2.68E-03	2.65E-02	1.53E-02	3.45E-05	1.17E-03	3.06E+00	0.00E+00	2.42E-04	3.07E+00	966
Combines	D	250	127.8037	5.26E+01	4.18E+02	2.60E-03	3.66E-02	9.50E-03	5.19E-05	9.83E-04	4.61E+00	0.00E+00	2.34E-04	4.62E+00	1,454
Combines	D	500	5.106052	2.10E+00	2.29E+01	1.30E-04	1.85E-03	5.40E-04	2.49E-06	5.16E-05	2.53E-01	0.00E+00	1.17E-05	2.54E-01	80
Balers	D	50	0.1524195	3.97E-02	6.63E-02	1.59E-06	6.71E-06	5.14E-06	9.33E-09	4.86E-07	7.22E-04	0.00E+00	1.43E-07	7.25E-04	0
Balers	D	120	107.3033	2.80E+01	6.96E+01	9.75E-04	7.42E-03	4.54E-03	8.94E-06	5.01E-04	7.62E-01	0.00E+00	8.79E-05	7.64E-01	241
Agricultural Mowers	D	120	5.029842	5.01E+00	8.03E+00	1.33E-04	9.14E-04	5.59E-04	1.03E-06	7.06E-05	8.77E-02	0.00E+00	1.20E-05	8.80E-02	28
Sprayers	D	25	23.62501	7.13E+00	3.89E+00	8.54E-05	3.91E-04	2.32E-04	5.38E-07	2.56E-05	4.24E-02	0.00E+00	7.71E-06	4.26E-02	13
Sprayers	D	50	5.334682	1.32E+00	1.36E+00	3.24E-05	1.38E-04	1.05E-04	1.92E-07	9.96E-06	1.49E-02	0.00E+00	2.93E-06	1.49E-02	5
Sprayers	D	120	51.06052	1.26E+01	3.28E+01	4.58E-04	3.49E-03	2.14E-03	4.22E-06	2.35E-04	3.59E-01	0.00E+00	4.13E-05	3.60E-01	113
Sprayers	D	175	21.49115	5.31E+00	2.29E+01	2.10E-04	2.14E-03	1.23E-03	2.82E-06	9.11E-05	2.51E-01	0.00E+00	1.90E-05	2.51E-01	79
Sprayers	D	250	13.41291	3.31E+00	2.33E+01	1.38E-04	2.01E-03	5.20E-04	2.89E-06	5.24E-05	2.57E-01	0.00E+00	1.25E-05	2.58E-01	81
Sprayers	D	500	2.286293	5.65E-01	4.34E+00	2.34E-05	3.46E-04	9.88E-05	4.70E-07	9.39E-06	4.79E-02	0.00E+00	2.11E-06	4.80E-02	15
Tillers	D	15	0.5334682	3.85E-01	1.20E-01	1.39E-06	9.78E-06	8.04E-06	2.05E-08	4.51E-07	1.32E-03	0.00E+00	1.26E-07	1.32E-03	0
Tillers	D	250	0.07620976	3.60E-02	3.90E-01	2.47E-06	3.44E-05	8.92E-06	4.84E-08	9.32E-07	4.31E-03	0.00E+00	2.23E-07	4.31E-03	1
Tillers	D	500	0.2286292	1.08E-01	2.09E+00	1.20E-05	1.69E-04	4.96E-05	2.26E-07	4.76E-06	2.30E-02	0.00E+00	1.08E-06	2.31E-02	7
Swathers	D	120	580.1847	1.75E+02	4.30E+02	6.08E-03	4.60E-02	2.81E-02	5.52E-05	3.13E-03	4.71E+00	0.00E+00	5.48E-04	4.72E+00	1,485
Swathers	D	175	5.182262	1.56E+00	7.36E+00	6.87E-05	6.93E-04	3.99E-04	9.10E-07	2.98E-05	8.08E-02	0.00E+00	6.20E-06	8.10E-02	25
Hydro Power Units	D	15	4.420165	9.87E+00	2.71E+00	3.46E-05	2.16E-04	1.81E-04	4.62E-07	8.34E-06	2.97E-02	0.00E+00	3.12E-06	2.98E-02	9
Hydro Power Units	D	25	13.3367	2.98E+01	1.55E+01	2.07E-04	1.31E-03	7.01E-04	2.16E-06	5.73E-05	1.70E-01	0.00E+00	1.86E-05	1.71E-01	54
Hydro Power Units	D	50	14.93711	3.24E+01	3.18E+01	1.49E-03	3.52E-03	3.98E-03	4.40E-06	3.55E-04	3.41E-01	0.00E+00	1.34E-04	3.44E-01	108
Hydro Power Units	D	120	1.371775	2.97E+00	5.74E+00	1.14E-04	7.05E-04	4.34E-04	7.34E-07	6.23E-05	6.26E-02	0.00E+00	1.02E-05	6.28E-02	20
Other Agricultural Equipment	D	15	16.15646	1.98E+01	6.92E+00	8.85E-05	5.56E-04	4.63E-04	1.18E-06	2.35E-05	7.58E-02	0.00E+00	7.99E-06	7.60E-02	24
Other Agricultural Equipment	D	25	44.96375	5.50E+01	3.53E+01	5.65E-04	3.27E-03	1.74E-03	4.91E-06	1.79E-04	3.87E-01	0.00E+00	5.10E-05	3.88E-01	122
Other Agricultural Equipment	D	50	39.32422	4.11E+01	4.86E+01	1.69E-03	5.13E-03	4.85E-03	6.79E-06	4.44E-04	5.25E-01	0.00E+00	1.53E-04	5.29E-01	166
Other Agricultural Equipment	D	120	132.7574	1.39E+02	3.25E+02	5.42E-03	3.71E-02	2.27E-02	4.16E-05	2.89E-03	3.55E+00	0.00E+00	4.89E-04	3.56E+00	1,120
Other Agricultural Equipment	D	175	11.05041	1.16E+01	4.88E+01	5.45E-04	4.91E-03	2.83E-03	6.02E-06	2.42E-04	5.35E-01	0.00E+00	4.92E-05	5.36E-01	169
Other Agricultural Equipment	D	250	11.05041	1.16E+01	7.02E+01	5.17E-04	6.53E-03	1.71E-03	8.72E-06	1.93E-04	7.75E-01	0.00E+00	4.66E-05	7.76E-01	244
Other Agricultural Equipment	D	500	2.667341	2.79E+00	2.44E+01	1.62E-04	2.06E-03	6.43E-04	2.64E-06	6.30E-05	2.69E-01	0.00E+00	1.47E-05	2.69E-01	85
			27,812	21,565	65,672	1.095	6.663	7.980	0.008	0.394	708.977	0.008	0.094	713	224,570
			Population	Activity	Consumption	lbs/day					Tons/Day				MTons/Year
			335	259	790	26	160	192	0	9	9	0	0	9	2,702

As a percetage of Countywide Farmland Acreage — Fresno County 1,370,273 — City of Clovis 16,488 — Percent 1.20%

SOURCE: Acreage based on lands designated as Prime Farmland, Farmland of Statewide Importance, Farmland of Local Importance, and Unique Farmland. City acreage from Section 5.2, Agriculture and Forestry Resources, of the DEIR. County acreage based Division of Land Resource Protection data: http://redirect.conservation.ca.gov/DLRP/fmmp/county_info_results.asp

Agriculture						Tons/Day									MTons/Year
Equipment	Fuel	MaxHP	Population	Activity	Consumption	ROG Exhaust	NOX Exhaust	CO Exhaust	SO2 Exhaust	PM Exhaust	CO2 Exhaust	N2O Exhaust	CH4 Exhaust	CO2e	CO2e
2-Wheel Tractors	G4	5	1.22E+02	5.37E+01	1.09E+01	1.48E-03	6.70E-04	2.33E-02	2.18E-06	2.06E-05	6.30E-02	9.35E-05	8.65E-05	9.38E-02	30
2-Wheel Tractors	G4	15	1.42E+02	1.30E+02	6.33E+01	5.40E-03	3.25E-03	1.82E-01	8.68E-06	2.55E-03	3.04E-01	3.27E-04	3.15E-04	4.12E-01	130
2-Wheel Tractors	G4	25	3.82E+00	3.48E+00	3.47E+00	2.91E-04	1.59E-04	1.02E-02	4.14E-07	1.37E-04	1.63E-02	1.21E-05	1.69E-05	2.04E-02	6
Agricultural Tractors	G4	120	5.40E+01	8.16E+01	4.13E+02	1.67E-02	4.98E-02	2.41E-01	3.42E-05	2.74E-04	3.54E+00	1.10E-03	9.73E-04	3.90E+00	1,228
Agricultural Tractors	G4	175	7.41E+00	1.12E+01	7.90E+01	1.54E-03	1.17E-02	2.39E-02	7.14E-06	5.73E-05	7.19E-01	2.00E-04	8.94E-05	7.83E-01	247
Combines	G4	120	1.35E+01	4.64E+00	3.43E+01	9.70E-04	4.11E-03	1.60E-02	2.92E-06	2.34E-05	3.02E-01	7.59E-05	5.65E-05	3.27E-01	103
Combines	G4	175	7.52E+00	2.58E+00	2.84E+01	4.93E-04	3.99E-03	7.75E-03	2.58E-06	2.07E-05	2.60E-01	5.68E-05	2.87E-05	2.78E-01	88
Combines	G4	250	1.39E+00	4.76E-01	6.03E+00	9.51E-05	7.52E-04	1.69E-03	5.64E-07	4.52E-06	5.52E-02	1.05E-05	5.54E-06	5.86E-02	18
Balers	G4	50	1.97E+02	3.68E+01	7.54E+01	2.78E-03	5.62E-03	6.68E-02	7.44E-06	4.69E-05	6.12E-01	2.37E-04	1.62E-04	6.89E-01	217
Balers	G4	120	1.01E+02	1.88E+01	6.41E+01	1.79E-03	7.74E-03	2.92E-02	5.47E-06	4.38E-05	5.66E-01	2.05E-04	1.04E-04	6.32E-01	199
Agricultural Mowers	G4	15	1.27E+02	6.28E+01	2.67E+01	3.37E-03	9.58E-04	8.33E-02	3.25E-06	8.87E-04	1.14E-01	1.21E-04	1.96E-04	1.56E-01	49
Agricultural Mowers	G4	25	1.04E+02	5.13E+01	4.84E+01	5.51E-03	1.54E-03	1.50E-01	5.32E-06	1.63E-03	2.10E-01	1.42E-04	3.21E-04	2.61E-01	82
Sprayers	G4	5	4.82E+02	1.30E+02	2.26E+01	3.37E-03	1.24E-03	5.28E-02	4.24E-06	1.58E-04	1.23E-01	1.95E-04	1.96E-04	1.87E-01	59
Sprayers	G4	15	1.50E+02	4.03E+01	1.59E+01	2.00E-03	5.50E-04	5.01E-02	1.91E-06	4.17E-04	6.68E-02	7.35E-05	1.16E-04	9.21E-02	29
Sprayers	G4	25	3.88E+02	1.04E+02	9.83E+01	1.11E-02	3.09E-03	3.10E-01	1.06E-05	2.62E-03	4.20E-01	2.87E-04	6.47E-04	5.22E-01	164
Sprayers	G4	50	3.71E+01	8.15E+00	1.43E+01	5.35E-04	1.07E-03	1.28E-02	1.41E-06	8.90E-06	1.16E-01	4.85E-05	3.12E-05	1.32E-01	42
Sprayers	G4	120	6.26E+01	1.37E+01	4.52E+01	1.28E-03	5.46E-03	2.07E-02	3.85E-06	3.09E-05	3.99E-01	1.47E-04	7.44E-05	4.46E-01	140
Sprayers	G4	175	1.41E+01	3.10E+00	1.96E+01	3.41E-04	2.78E-03	5.19E-03	1.79E-06	1.43E-05	1.80E-01	5.12E-05	1.99E-05	1.96E-01	62
Tillers	G4	15	1.64E+04	3.20E+03	1.74E+03	2.05E-01	6.17E-02	5.43E+00	2.14E-04	3.76E-03	7.52E+00	7.01E-03	1.19E-02	9.94E+00	3,130
Swathers	G4	120	2.02E+02	5.27E+01	2.34E+02	6.69E-03	2.82E-02	1.08E-01	1.99E-05	1.60E-04	2.06E+00	6.62E-04	3.90E-04	2.27E+00	716
Swathers	G4	175	1.55E+02	4.04E+01	2.46E+02	4.28E-03	3.48E-02	6.52E-02	2.24E-05	1.79E-04	2.25E+00	6.54E-04	2.49E-04	2.46E+00	774
Hydro Power Units	G4	5	2.90E+01	1.39E+01	3.18E+00	4.40E-04	1.99E-04	6.70E-03	6.38E-07	6.03E-06	1.85E-02	2.61E-05	2.56E-05	2.71E-02	9
Hydro Power Units	G4	15	5.80E+01	7.38E+01	3.19E+01	2.50E-03	1.79E-03	9.00E-02	4.46E-06	1.31E-03	1.57E-01	1.83E-04	1.46E-04	2.16E-01	68
Hydro Power Units	G4	25	2.21E+01	2.81E+01	2.65E+01	2.12E-03	1.34E-03	7.71E-02	3.21E-06	1.06E-03	1.27E-01	1.00E-04	1.23E-04	1.60E-01	51
Hydro Power Units	G4	50	1.85E+00	2.29E+00	5.20E+00	1.81E-04	3.24E-04	4.75E-03	5.11E-07	3.22E-06	4.20E-02	1.38E-05	1.05E-05	4.65E-02	15
Hydro Power Units	G4	120	2.31E-01	2.86E-01	9.95E-01	1.71E-05	7.20E-05	3.31E-04	8.71E-08	6.99E-07	9.02E-03	2.25E-06	9.97E-07	9.73E-03	3
Other Agricultural Equipment	G4	5	2.03E+01	8.06E+00	1.48E+00	2.01E-04	8.70E-05	3.28E-03	2.90E-07	4.24E-06	8.39E-03	1.30E-05	1.17E-05	1.27E-02	4
Other Agricultural Equipment	G4	15	1.77E+01	7.04E+00	4.33E+00	5.61E-04	1.50E-04	1.36E-02	5.23E-07	1.39E-04	1.83E-02	1.62E-05	3.27E-05	2.41E-02	8
Other Agricultural Equipment	G4	25	4.51E+00	1.80E+00	2.71E+00	3.15E-04	8.31E-05	8.45E-03	2.96E-07	8.84E-05	1.17E-02	6.25E-06	1.84E-05	1.40E-02	4
Other Agricultural Equipment	G4	50	6.13E+00	2.09E+00	3.58E+00	1.42E-04	2.78E-04	3.33E-03	3.49E-07	2.20E-06	2.87E-02	1.26E-05	8.27E-06	3.28E-02	10
Other Agricultural Equipment	G4	120	3.55E+01	1.21E+01	4.34E+01	1.31E-03	5.47E-03	2.11E-02	3.67E-06	2.95E-05	3.80E-01	1.40E-04	7.65E-05	4.25E-01	134
Other Agricultural Equipment	G4	175	4.05E+00	1.38E+00	9.35E+00	1.72E-04	1.39E-03	2.51E-03	8.50E-07	6.82E-06	8.56E-02	2.44E-05	1.00E-05	9.34E-02	29
Other Agricultural Equipment	G4	250	1.50E+00	5.12E-01	6.11E+00	1.02E-04	8.05E-04	1.69E-03	5.71E-07	4.58E-06	5.59E-02	1.14E-05	5.95E-06	5.96E-02	19
Agricultural Tractors	D	15	1.69E+03	2.47E+03	1.19E+03	1.75E-02	1.20E-01	7.93E-02	1.89E-03	8.28E-03	1.30E+01	0.00E+00	1.58E-03	1.30E+01	4,100
Agricultural Tractors	D	25	2.09E+03	3.04E+03	2.80E+03	5.14E-02	2.94E-01	1.46E-01	3.64E-03	1.91E-02	3.07E+01	0.00E+00	4.64E-03	3.08E+01	9,696
Agricultural Tractors	D	50	4.86E+03	6.34E+03	1.02E+04	6.00E-01	1.22E+00	1.32E+00	1.31E-02	1.38E-01	1.08E+02	0.00E+00	5.41E-02	1.10E+02	34,473
Agricultural Tractors	D	120	5.62E+03	7.33E+03	2.45E+04	6.74E-01	4.04E+00	1.90E+00	2.92E-02	3.30E-01	2.67E+02	0.00E+00	6.08E-02	2.68E+02	84,372
Agricultural Tractors	D	175	3.17E+03	4.13E+03	2.35E+04	4.26E-01	3.53E+00	1.46E+00	2.70E-02	1.77E-01	2.57E+02	0.00E+00	3.84E-02	2.58E+02	81,160
Agricultural Tractors	D	250	2.05E+03	2.67E+03	2.16E+04	2.94E-01	3.08E+00	8.59E-01	2.49E-02	1.15E-01	2.37E+02	0.00E+00	2.65E-02	2.38E+02	74,884
Agricultural Tractors	D	500	4.06E+02	5.30E+02	7.03E+03	8.65E-02	9.42E-01	3.65E-01	7.06E-03	3.40E-02	7.71E+01	0.00E+00	7.81E-03	7.73E+01	24,320
Combines	D	120	1.19E+02	4.89E+01	2.12E+02	5.06E-03	3.24E-02	1.52E-02	2.53E-04	2.34E-03	2.31E+00	0.00E+00	4.57E-04	2.32E+00	731
Combines	D	175	1.76E+02	7.25E+01	4.12E+02	6.45E-03	5.75E-02	2.36E-02	4.74E-04	2.53E-03	4.52E+00	0.00E+00	5.82E-04	4.53E+00	1,425
Combines	D	250	1.88E+02	7.75E+01	6.18E+02	7.13E-03	8.17E-02	2.22E-02	7.14E-04	2.62E-03	6.80E+00	0.00E+00	6.43E-04	6.81E+00	2,144
Combines	D	500	7.52E+00	3.10E+00	3.40E+01	3.65E-04	4.30E-03	1.35E-03	3.42E-05	1.37E-04	3.73E-01	0.00E+00	3.29E-05	3.74E-01	118
Balers	D	50	2.25E-01	5.85E-02	9.86E-02	3.99E-06	1.13E-05	9.41E-06	1.28E-07	1.05E-06	1.06E-03	0.00E+00	3.60E-07	1.07E-03	0
Balers	D	120	1.58E+02	4.12E+01	1.03E+02	2.39E-03	1.55E-02	7.25E-03	1.23E-04	1.09E-03	1.12E+00	0.00E+00	2.16E-04	1.13E+00	355
Agricultural Mowers	D	120	7.41E+00	7.38E+00	1.19E+01	3.12E-04	1.91E-03	8.95E-04	1.42E-05	1.50E-04	1.29E-01	0.00E+00	2.81E-05	1.30E-01	41
Sprayers	D	25	3.48E+01	1.05E+01	5.77E+00	1.93E-04	6.73E-04	4.58E-04	7.41E-06	5.59E-05	6.25E-02	0.00E+00	1.74E-05	6.29E-02	20
Sprayers	D	50	7.86E+00	1.94E+00	2.03E+00	8.17E-05	2.32E-04	1.93E-04	2.64E-06	2.16E-05	2.19E-02	0.00E+00	7.37E-06	2.20E-02	7
Sprayers	D	120	7.52E+01	1.86E+01	4.86E+01	1.12E-03	7.31E-03	3.41E-03	5.80E-05	5.13E-04	5.30E-01	0.00E+00	1.01E-04	5.32E-01	167
Sprayers	D	175	3.17E+01	7.82E+00	3.38E+01	5.12E-04	4.64E-03	1.90E-03	3.88E-05	1.98E-04	3.70E-01	0.00E+00	4.62E-05	3.71E-01	117
Sprayers	D	250	1.98E+01	4.88E+00	3.45E+01	3.84E-04	4.49E-03	1.21E-03	3.98E-05	1.39E-04	3.79E-01	0.00E+00	3.46E-05	3.80E-01	120
Sprayers	D	500	3.37E+00	8.32E-01	6.42E+00	6.70E-05	8.04E-04	2.40E-04	6.47E-06	2.49E-05	7.06E-02	0.00E+00	6.05E-06	7.07E-02	22
Tillers	D	15	7.86E-01	5.67E-01	1.78E-01	2.88E-06	2.02E-05	1.26E-05	2.82E-07	1.32E-06	1.94E-03	0.00E+00	2.60E-07	1.95E-03	1
Tillers	D	250	1.12E-01	5.30E-02	5.77E-01	6.73E-06	7.66E-05	2.09E-05	6.66E-07	2.49E-06	6.34E-03	0.00E+00	6.08E-07	6.36E-03	2
Tillers	D	500	3.37E-01	1.59E-01	3.09E+00	3.35E-05	3.93E-04	1.25E-04	3.11E-06	1.26E-05	3.40E-02	0.00E+00	3.02E-06	3.40E-02	11
Swathers	D	120	8.55E+02	2.58E+02	6.36E+02	1.49E-02	9.61E-02	4.50E-02	7.59E-04	6.82E-03	6.93E+00	0.00E+00	1.34E-03	6.96E+00	2,192
Swathers	D	175	7.64E+00	2.30E+00	1.09E+01	1.67E-04	1.50E-03	6.15E-04	1.25E-05	6.48E-05	1.19E-01	0.00E+00	1.50E-05	1.19E-01	38
Hydro Power Units	D	15	6.51E+00	1.45E+01	4.00E+00	5.90E-05	4.03E-04	2.67E-04	6.35E-06	2.79E-05	4.37E-02	0.00E+00	5.33E-06	4.39E-02	14
Hydro Power Units	D	25	1.97E+01	4.39E+01	2.29E+01	4.20E-04	2.41E-03	1.19E-03	2.97E-05	1.56E-04	2.51E-01	0.00E+00	3.79E-05	2.52E-01	79
Hydro Power Units	D	50	2.20E+01	4.77E+01	4.75E+01	3.37E-03	5.87E-03	7.20E-03	6.06E-05	7.37E-04	5.02E-01	0.00E+00	3.04E-04	5.09E-01	160
Hydro Power Units	D	120	2.02E+00	4.38E+00	8.50E+00	2.56E-04	1.47E-03	6.95E-04	1.01E-05	1.30E-04	9.22E-02	0.00E+00	2.31E-05	9.27E-02	29
Other Agricultural Equipment	D	15	2.38E+01	2.91E+01	1.02E+01	1.69E-04	1.12E-03	7.04E-04	1.62E-05	7.92E-05	1.12E-01	0.00E+00	1.52E-05	1.12E-01	35
Other Agricultural Equipment	D	25	6.63E+01	8.11E+01	5.24E+01	1.56E-03	6.01E-03	3.81E-03	6.75E-05	4.79E-04	5.70E-01	0.00E+00	1.41E-04	5.73E-01	180
Other Agricultural Equipment	D	50	5.79E+01	6.06E+01	7.24E+01	3.95E-03	8.59E-03	8.78E-03	9.34E-05	9.35E-04	7.74E-01	0.00E+00	3.56E-04	7.82E-01	246
Other Agricultural Equipment	D	120	1.96E+02	2.05E+02	4.81E+02	1.27E-02	7.74E-02	3.64E-02	5.72E-04	6.13E-03	5.23E+00	0.00E+00	1.15E-03	5.25E+00	1,653
Other Agricultural Equipment	D	175	1.63E+01	1.70E+01	7.21E+01	1.26E-03	1.06E-02	4.37E-03	8.28E-05	5.15E-04	7.89E-01	0.00E+00	1.13E-04	7.91E-01	249
Other Agricultural Equipment	D	250	1.63E+01	1.70E+01	1.04E+02	1.35E-03	1.45E-02	4.02E-03	1.20E-04	5.21E-04	1.14E+00	0.00E+00	1.22E-04	1.14E+00	360
Other Agricultural Equipment	D	500	3.93E+00	4.11E+00	3.61E+01	4.29E-04	4.77E-03	1.76E-03	3.63E-05	1.66E-04	3.96E-01	0.00E+00	3.87E-05	3.97E-01	125
			40,984	31,779	97,361	2.496	13.913	13.436	0.111	0.864	1,044.769	0.012	0.216	1,053	331,512
			Population	Activity	Consumption	lbs/day					Tons/Day				MTons/Year
			493	382	1,172	60	335	323	3	21	13	0	0	13	**3,989**

As a percetage of Countywide Farmland Acreage — Fresno County 1,370,273 — City of Clovis 16,488 — Percent 1.20%

SOURCE: Acreage based on lands designated as Prime Farmland, Farmland of Statewide Importance, Farmland of Local Importance, and Unique Farmland. City acreage from Section 5.2, Agriculture and Forestry Resources, of the DEIR. County acreage based Division of Land Resource Protection data: http://redirect.conservation.ca.gov/DLRP/fmmp/county_info_results.asp

TABLE A-6
FRESNO COUNTY
2000-2002 Land Use Conversion

CALIFORNIA DEPARTMENT OF CONSERVATION
Division of Land Resource Protection

Farmland Mapping and Monitoring Program

PART I
County Summary and Change by Land Use Category

LAND USE CATEGORY	TOTAL ACREAGE INVENTORIED		2000-02 ACREAGE CHANGES			
	2000 (1)	2002	ACRES LOST (-)	ACRES GAINED (+)	TOTAL ACREAGE CHANGED	NET ACREAGE CHANGED
Prime Farmland	734,052	731,149	4,304	1,401	5,705	-2,903
Farmland of Statewide Importance	491,569	490,353	2,255	1,039	3,294	-1,216
Unique Farmland	104,223	102,946	2,008	731	2,739	-1,277
Farmland of Local Importance	70,691	74,347	2,857	6,513	9,370	3,656
IMPORTANT FARMLAND SUBTOTAL	1,400,535	1,398,795	11,424	9,684	21,108	-1,740
Grazing Land	835,870	835,120	1,116	366	1,482	-750
AGRICULTURAL LAND SUBTOTAL	2,236,405	2,233,915	12,540	10,050	22,590	-2,490
Urban and Built-up Land	104,934	107,532	826	3,424	4,250	2,598
Other Land	95,365	95,257	2,222	2,114	4,336	-108
Water Area	4,911	4,911	0	0	0	0
TOTAL AREA INVENTORIED	2,441,615	2,441,615	15,588	15,588	31,176	0

PART II
Land Committed to Nonagricultural Use

LAND USE CATEGORY	TOTAL ACREAGE 2002
Prime Farmland	1,819
Farmland of Statewide Importance	586
Unique Farmland	384
Farmland of Local Importance	797
IMPORTANT FARMLAND SUBTOTAL	3,586
Grazing Land	2,592
AGRICULTURAL LAND SUBTOTAL	6,178
Urban and Built-up Land	0
Other Land	245
Water Area	0
TOTAL ACREAGE REPORTED	6,423

PART III Land Use Conversion from 2000 to 2002

LAND USE CATEGORY		Prime Farmland	Farmland of Statewide Importance	Unique Farmland	Farmland of Local Importance	Subtotal Important Farmland	Grazing Land	Total Agricultural Land	Urban and Built-up Land	Other Land	Water Area	Total Converted To Another Use
Prime Farmland (2)	to:	--	9	10	2,765	2,784	28	2,812	1,063	429	0	4,304
Farmland of Statewide Importance (2)	to:	9	--	13	1,726	1,748	13	1,761	234	260	0	2,255
Unique Farmland (2)	to:	10	5	--	1,588	1,603	107	1,710	175	123	0	2,008
Farmland of Local Importance	to:	624	744	355	--	1,723	37	1,760	651	446	0	2,857
IMPORTANT FARMLAND SUBTOTAL		643	758	378	6,079	7,858	185	8,043	2,123	1,258	0	11,424
Grazing Land	to:	88	28	132	46	294	--	294	106	716	0	1,116
AGRICULTURAL LAND SUBTOTAL		731	786	510	6,125	8,152	185	8,337	2,229	1,974	0	12,540
Urban and Built-up Land (3)	to:	240	58	27	183	508	178	686	--	140	0	826
Other Land	to:	430	195	194	205	1,024	3	1,027	1,195	--	0	2,222
Water Area	to:	0	0	0	0	0	0	0	0	0	--	0
TOTAL ACREAGE CONVERTED	to:	1,401	1,039	731	6,513	9,684	366	10,050	3,424	2,114	0	15,588

(1) Addition of the recently completed Western Fresno soil survey increased Important Farmland mapping coverage by 1,318,418 acres. Digital soil survey information (SSURGO) was used for mapping in both Western and Central Fresno areas beginning with the 2000 data.
(2) Conversions to Farmland of Local Importance primarily due to land left idle for three update cycles.
(3) Conversion from Urban and Built-up Land primarily the result of the use of digital imagery to delineate more distinct urban boundaries.

TABLE A-6
FRESNO COUNTY
2002-2004 Land Use Conversion

CALIFORNIA DEPARTMENT OF CONSERVATION
Division of Land Resource Protection

Farmland Mapping and Monitoring Program

PART I
County Summary and Change by Land Use Category

LAND USE CATEGORY	TOTAL ACREAGE INVENTORIED		2002-04 ACREAGE CHANGES			
	2002 (1)	2004	ACRES LOST (-)	ACRES GAINED (+)	TOTAL ACREAGE CHANGED	NET ACREAGE CHANGED
Prime Farmland	731,936	722,584	11,062	1,710	12,772	-9,352
Farmland of Statewide Importance	490,266	483,786	7,423	943	8,366	-6,480
Unique Farmland	102,232	100,316	2,446	530	2,976	-1,916
Farmland of Local Importance	74,357	84,858	4,305	14,806	19,111	10,501
IMPORTANT FARMLAND SUBTOTAL	1,398,791	1,391,544	25,236	17,989	43,225	-7,247
Grazing Land	835,123	834,253	1,034	164	1,198	-870
AGRICULTURAL LAND SUBTOTAL	2,233,914	2,225,797	26,270	18,153	44,423	-8,117
Urban and Built-up Land	107,535	110,897	177	3,539	3,716	3,362
Other Land	95,256	100,011	1,182	5,937	7,119	4,755
Water Area	4,911	4,911	0	0	0	0
TOTAL AREA INVENTORIED	2,441,616	2,441,616	27,629	27,629	55,258	0

PART II
Land Committed to Nonagricultural Use

LAND USE CATEGORY	TOTAL ACREAGE 2004
Prime Farmland	1,656
Farmland of Statewide Importance	483
Unique Farmland	342
Farmland of Local Importance	707
IMPORTANT FARMLAND SUBTOTAL	3,188
Grazing Land	2,578
AGRICULTURAL LAND SUBTOTAL	5,766
Urban and Built-up Land	0
Other Land	184
Water Area	0
TOTAL ACREAGE REPORTED	5,950

PART III Land Use Conversion from 2002 to 2004

LAND USE CATEGORY		Prime Farmland	Farmland of Statewide Importance	Unique Farmland	Farmland of Local Importance	Subtotal Important Farmland	Grazing Land	Total Agricultural Land	Urban and Built-up Land	Other Land	Water Area	Total Converted To Another Use
Prime Farmland (2) (4)	to:	--	11	18	8,262	8,291	29	8,320	1,429	1,313	0	11,062
Farmland of Statewide Importance (2)(4)	to:	14	--	8	4,712	4,734	12	4,746	523	2,154	0	7,423
Unique Farmland (2)	to:	24	6	--	1,591	1,621	34	1,655	193	598	0	2,446
Farmland of Local Importance (3)	to:	1,277	806	325	--	2,408	0	2,408	905	992	0	4,305
IMPORTANT FARMLAND SUBTOTAL		1,315	823	351	14,565	17,054	75	17,129	3,050	5,057	0	25,236
Grazing Land	to:	83	27	30	38	178	--	178	33	823	0	1,034
AGRICULTURAL LAND SUBTOTAL		1,398	850	381	14,603	17,232	75	17,307	3,083	5,880	0	26,270
Urban and Built-up Land (5)	to:	52	8	4	56	120	0	120	--	57	0	177
Other Land	to:	260	85	145	147	637	89	726	456	--	0	1,182
Water Area	to:	0	0	0	0	0	0	0	0	0	--	0
TOTAL ACREAGE CONVERTED	to:	1,710	943	530	14,806	17,989	164	18,153	3,539	5,937	0	27,629

(1) Due to the incorporation of an updated digital soil survey data (SSURGO) during this update, acreages for farmland, grazing and other land use categories may differ from those published in the 2000-2002 California Farmland Conversion Report.
(2) Conversion to Farmland of Local Importance primarily due to land left idle for three update cycles throughout the county, a 4,700 acre conversion to nonirrigated grain on the Kettleman Plain, and some large, new additions of dairies.
(3) Conversion to Prime Farmland due to the addition of irrigated field crops, row crops, and orchards throughout the county.
(4) Conversion to Other Land primarily due to the use of improved digital imagery to identify low density housing (farmsteads and ranchettes) throughout the county and the fallowing of a 1,700 acre plot of farmland on the San Joaquin quad that is part of the NRCS Wetlands Reserve Program.
(5) Conversion from Urban and Built-up Land primarily the result of the use of improved digital imagery to delineate more distinct urban boundaries and delineation of a dairy facility on the CSU Fresno campus.

FRESNO COUNTY

TABLE A-7
FRESNO COUNTY
2004-2006 Land Use Conversion

CALIFORNIA DEPARTMENT OF CONSERVATION
Division of Land Resource Protection

Farmland Mapping and Monitoring Program

PART I
County Summary and Change by Land Use Category

LAND USE CATEGORY	TOTAL ACREAGE INVENTORIED		2004-06 ACREAGE CHANGES			
	2004	2006	ACRES LOST (-)	ACRES GAINED (+)	TOTAL ACREAGE CHANGED	NET ACREAGE CHANGED
Prime Farmland	722,584	713,085	11,427	1,928	13,355	-9,499
Farmland of Statewide Importance	483,786	478,732	5,959	905	6,864	-5,054
Unique Farmland	100,316	98,091	3,053	828	3,881	-2,225
Farmland of Local Importance	84,857	95,547	5,273	15,963	21,236	10,690
IMPORTANT FARMLAND SUBTOTAL	1,391,543	1,385,455	25,712	19,624	45,336	-6,088
Grazing Land	834,254	827,114	7,634	494	8,128	-7,140
AGRICULTURAL LAND SUBTOTAL	2,225,797	2,212,569	33,346	20,118	53,464	-13,228
Urban and Built-up Land	110,899	115,364	440	4,905	5,345	4,465
Other Land	100,013	108,776	2,854	11,617	14,471	8,763
Water Area	4,911	4,911	0	0	0	0
TOTAL AREA INVENTORIED	2,441,620	2,441,620	36,640	36,640	73,280	0

PART II
Land Committed to Nonagricultural Use

LAND USE CATEGORY	TOTAL ACREAGE 2006
Prime Farmland	1,634
Farmland of Statewide Importance	452
Unique Farmland	300
Farmland of Local Importance	696
IMPORTANT FARMLAND SUBTOTAL	3,082
Grazing Land	2,520
AGRICULTURAL LAND SUBTOTAL	5,602
Urban and Built-up Land	0
Other Land	149
Water Area	0
TOTAL ACREAGE REPORTED	5,751

PART III Land Use Conversion from 2004 to 2006

LAND USE CATEGORY		Prime Farmland	Farmland of Statewide Importance	Unique Farmland	Farmland of Local Importance	Subtotal Important Farmland	Grazing Land	Total Agricultural Land	Urban and Built-up Land	Other Land	Water Area	Total Converted To Another Use
Prime Farmland (1)(2)(3)	to:	--	14	124	7,840	7,978	17	7,995	1,691	1,741	0	11,427
Farmland of Statewide Importance (2)	to:	17	--	18	4,814	4,849	21	4,870	445	644	0	5,959
Unique Farmland (2)	to:	28	9	--	1,989	2,026	37	2,063	517	473	0	3,053
Farmland of Local Importance (3)(4)	to:	1,110	517	338	--	1,965	35	2,000	1,263	2,010	0	5,273
IMPORTANT FARMLAND SUBTOTAL		1,155	540	480	14,643	16,818	110	16,928	3,916	4,868	0	25,712
Grazing Land (3)	to:	51	23	106	802	982	--	982	66	6,586	0	7,634
AGRICULTURAL LAND SUBTOTAL		1,206	563	586	15,445	17,800	110	17,910	3,982	11,454	0	33,346
Urban and Built-up Land (5)	to:	206	44	11	11	272	5	277	--	163	0	440
Other Land	to:	516	298	231	507	1,552	379	1,931	923	--	0	2,854
Water Area	to:	0	0	0	0	0	0	0	0	0	--	0
TOTAL ACREAGE CONVERTED	to:	1,928	905	828	15,963	19,624	494	20,118	4,905	11,617	0	36,640

(1) Conversion to Unique Farmland is primarily due to the delineation of potted plant nurseries.
(2) Conversion to Farmland of Local Importance is primarily due to land left idle or used for dryland grain production for three or more update cycles in the western part of the county.
(3) Conversion to Other Land is primarily due to the use of detailed digital imagery to delineate low-density housing in the northeastern foothills and agricultural staging areas throughout the county.
(4) Conversion to Prime Farmland is primarily due to the delineation of new orchards and row crops.
(5) Conversion from Urban and Built-up Land is primarily the result of the use of detailed digital imagery to delineate more distinct urban boundaries.

TABLE A-7
FRESNO COUNTY
2006-2008 Land Use Conversion

CALIFORNIA DEPARTMENT OF CONSERVATION
Division of Land Resource Protection

Farmland Mapping and Monitoring Program

PART I
County Summary and Change by Land Use Category

LAND USE CATEGORY	TOTAL ACREAGE INVENTORIED (1)		2006-08 ACREAGE CHANGES (2)			
	2006	2008	ACRES LOST (-)	ACRES GAINED (+)	TOTAL ACREAGE CHANGED	NET ACREAGE CHANGED
Prime Farmland	713,084	693,173	17,455	1,112	18,567	-16,343
Farmland of Statewide Importance	478,730	439,020	39,939	576	40,515	-39,363
Unique Farmland	98,091	94,177	4,315	401	4,716	-3,914
Farmland of Local Importance	95,534	149,906	2,344	56,716	59,060	54,372
IMPORTANT FARMLAND SUBTOTAL	1,385,439	1,376,276	64,053	58,805	122,858	-5,248
Grazing Land	827,116	826,955	365	204	569	-161
AGRICULTURAL LAND SUBTOTAL	2,212,555	2,203,231	64,418	59,009	123,427	-5,409
Urban and Built-up Land	115,366	117,568	601	2,897	3,498	2,296
Other Land	108,783	111,704	1,680	4,790	6,470	3,110
Water Area	4,912	4,915	1	4	5	3
TOTAL AREA INVENTORIED (1)	2,441,616	2,437,418	66,700	66,700	133,400	0

PART II
Land Committed to Nonagricultural Use

LAND USE CATEGORY	TOTAL ACREAGE 2008
Prime Farmland	1,560
Farmland of Statewide Importance	438
Unique Farmland	244
Farmland of Local Importance	769
IMPORTANT FARMLAND SUBTOTAL	3,011
Grazing Land	2,519
AGRICULTURAL LAND SUBTOTAL	5,530
Urban and Built-up Land	0
Other Land	183
Water Area	0
TOTAL ACREAGE REPORTED	5,713

PART III Land Use Conversion from 2006 to 2008

LAND USE CATEGORY		Prime Farmland	Farmland of Statewide Importance	Unique Farmland	Farmland of Local Importance	Subtotal Important Farmland	Grazing Land	Total Agricultural Land	Urban and Built-up Land	Other Land	Water Area	Total Converted To Another Use
Prime Farmland (3)(4)	to:	--	33	14	14,371	14,418	64	14,482	1,056	1,917	0	17,455
Farmland of Statewide Importance (3)(4)	to:	23	--	8	38,418	38,449	34	38,483	269	1,187	0	39,939
Unique Farmland (3)	to:	23	15	--	3,329	3,367	61	3,428	268	619	0	4,315
Farmland of Local Importance	to:	490	308	242	--	1,040	36	1,076	507	761	0	2,344
IMPORTANT FARMLAND SUBTOTAL		536	356	264	56,118	57,274	195	57,469	2,100	4,484	0	64,053
Grazing Land	to:	41	30	27	92	190	--	190	22	149	4	365
AGRICULTURAL LAND SUBTOTAL		577	386	291	56,210	57,464	195	57,659	2,122	4,633	4	64,418
Urban and Built-up Land	to:	125	42	17	257	441	3	444	--	157	0	601
Other Land	to:	410	148	93	249	900	5	905	775	--	0	1,680
Water Area	to:	0	0	0	0	0	1	1	0	0	--	1
TOTAL ACREAGE CONVERTED	to:	1,112	576	401	56,716	58,805	204	59,009	2,897	4,790	4	66,700
2008 County Boundary Adjustment (1)		-3,568	-347	0	0	-3,915	0	-3,915	-94	-189	0	-4,198

(1) Total Area Inventoried changed in 2008 due to a legal boundary change in which land was transferred from Fresno to Merced counties. This change was effective January 2008.
Statistics representing this change are shown in shaded cells in Part III of table.
(2) 2006-08 Acreage Changes calculates conversions within existing mapped area; county boundary adjustment acreages not included.
(3) Conversion to Farmland of Local Importance due to land left idle or used for dry grain farming for three or more update cycles.
(4) Conversion to Other Land due to improved boundaries for riparian areas and canals. Additional conversions include a new compost facility and disturbed land with partial urban infrastructure.
(5) Conversion from Urban and Built-up Land primarily the result of the use of detailed digital imagery to delineate more distinct urban boundaries.

FRESNO COUNTY

TABLE A-7
FRESNO COUNTY
2008-2010 Land Use Conversion

CALIFORNIA DEPARTMENT OF CONSERVATION
Division of Land Resource Protection

Farmland Mapping and Monitoring Program

PART I
County Summary and Change by Land Use Category

LAND USE CATEGORY	TOTAL ACREAGE INVENTORIED		2008-10 ACREAGE CHANGES			
	2008	2010	ACRES LOST (-)	ACRES GAINED (+)	TOTAL ACREAGE CHANGED	NET ACREAGE CHANGED
Prime Farmland	693,174	685,411	11,052	3,289	14,341	-7,763
Farmland of Statewide Importance	439,020	415,689	24,776	1,445	26,221	-23,331
Unique Farmland	94,177	92,649	2,065	537	2,602	-1,528
Farmland of Local Importance	149,907	176,524	7,963	34,580	42,543	26,617
IMPORTANT FARMLAND SUBTOTAL	1,376,278	1,370,273	45,856	39,851	85,707	-6,005
Grazing Land	826,953	825,752	1,423	222	1,645	-1,201
AGRICULTURAL LAND SUBTOTAL	2,203,231	2,196,025	47,279	40,073	87,352	-7,206
Urban and Built-up Land	117,567	120,753	399	3,585	3,984	3,186
Other Land	111,702	115,722	2,208	6,228	8,436	4,020
Water Area	4,914	4,914	0	0	0	0
TOTAL AREA INVENTORIED	2,437,414	2,437,414	49,886	49,886	99,772	0

PART II
Land Committed to Nonagricultural Use

LAND USE CATEGORY	TOTAL ACREAGE 2010
Prime Farmland	1,520
Farmland of Statewide Importance	411
Unique Farmland	242
Farmland of Local Importance	800
IMPORTANT FARMLAND SUBTOTAL	2,973
Grazing Land	2,511
AGRICULTURAL LAND SUBTOTAL	5,484
Urban and Built-up Land	0
Other Land	211
Water Area	0
TOTAL ACREAGE REPORTED	5,695

PART III Land Use Conversion from 2008 to 2010

LAND USE CATEGORY		Prime Farmland	Farmland of Statewide Importance	Unique Farmland	Farmland of Local Importance	Subtotal Important Farmland	Grazing Land	Total Agricultural Land	Urban and Built-up Land	Other Land	Water Area	Total Converted To Another Use
Prime Farmland (1)(3)	to:	--	16	21	8,946	8,983	45	9,028	820	1,204	0	11,052
Farmland of Statewide Importance (1)	to:	26	--	11	23,710	23,747	29	23,776	322	678	0	24,776
Unique Farmland (1)	to:	13	9	--	1,568	1,590	35	1,625	237	203	0	2,065
Farmland of Local Importance (2)(3)	to:	2,736	1,021	315	--	4,072	29	4,101	1,047	2,815	0	7,963
IMPORTANT FARMLAND SUBTOTAL		2,775	1,046	347	34,224	38,392	138	38,530	2,426	4,900	0	45,856
Grazing Land (3)	to:	100	14	34	112	260	--	260	18	1,145	0	1,423
AGRICULTURAL LAND SUBTOTAL		2,875	1,060	381	34,336	38,652	138	38,790	2,444	6,045	0	47,279
Urban and Built-up Land (4)	to:	77	44	12	83	216	0	216	--	183	0	399
Other Land	to:	337	341	144	161	983	84	1,067	1,141	--	0	2,208
Water Area	to:	0	0	0	0	0	0	0	0	0	--	0
TOTAL ACREAGE CONVERTED	to:	3,289	1,445	537	34,580	39,851	222	40,073	3,585	6,228	0	49,886

(1) Conversion to Farmland of Local Importance is primarily due to land left idle or land used for dryland grain production for three or more update cycles.
(2) Conversion to irrigated farmland primarily due to the addition of irrigated row crops.
(3) Conversion to Other Land due to land left idle for three or more update cycles that has been graded for development, new agricultural processing facilities, and low density housing.
(4) Conversion from Urban and Built-up Land primarily the result of the use of detailed digital imagery to delineate more distinct urban boundaries.

Light Commercial					Tons/Day										MTons/Year
Equipment	Fuel	MaxHP	Population	Activity	Consumption	ROG Exhaust	NOX Exhaust	CO Exhaust	SO2 Exhaust	PM Exhaust	CO2 Exhaust	N2O Exhaust	CH4 Exhaust	CO2e	CO2e
Generator Sets	G2	2	4.90E+01	1.80E+01	1.14E+00	3.00E-04	4.43E-05	2.56E-03	2.39E-07	2.33E-05	5.80E-03	1.32E-05	1.87E-05	1.03E-02	3
Generator Sets	G2	2	3.85E+01	9.53E+00	6.50E-01	2.05E-04	2.32E-05	1.54E-03	1.26E-07	1.32E-05	3.07E-03	6.91E-06	1.28E-05	5.48E-03	2
Generator Sets	G2	15	4.95E-01	1.82E-01	1.04E-01	6.73E-06	4.07E-06	2.84E-04	2.17E-08	2.66E-07	5.27E-04	4.38E-07	4.19E-07	6.71E-04	0
Generator Sets	G2	15	3.77E-01	9.32E-02	5.76E-02	9.50E-06	1.95E-06	1.59E-04	1.11E-08	3.61E-07	2.70E-04	2.14E-07	5.90E-07	3.49E-04	0
Pumps	G2	2	1.95E+02	1.38E+02	7.36E+00	1.10E-03	3.42E-04	1.39E-02	1.85E-06	1.58E-04	4.50E-02	1.02E-04	6.84E-05	7.80E-02	26
Pumps	G2	2	1.53E+02	7.27E+01	4.45E+00	1.05E-03	1.83E-04	9.68E-03	9.78E-07	9.19E-05	2.38E-02	5.40E-05	6.53E-05	4.19E-02	14
Pumps	G2	15	5.25E+01	3.71E+01	1.89E+01	1.25E-03	9.19E-04	5.13E-02	3.99E-06	8.13E-04	9.70E-02	9.49E-05	7.75E-05	1.28E-01	42
Pumps	G2	15	4.13E+01	1.96E+01	1.03E+01	1.03E-03	4.66E-04	2.81E-02	2.11E-06	4.30E-04	5.12E-02	4.88E-05	6.41E-05	6.77E-02	22
Pumps	G2	25	6.36E-01	4.49E-01	4.97E-01	3.27E-05	2.20E-05	1.39E-03	1.03E-07	2.09E-05	2.49E-03	1.65E-06	2.03E-06	3.05E-03	1
Pumps	G2	25	4.95E-01	2.35E-01	2.62E-01	1.77E-05	1.12E-05	7.34E-04	5.37E-08	1.09E-05	1.30E-03	8.50E-07	1.10E-06	1.59E-03	1
Generator Sets	G4	5	6.44E+02	2.37E+02	5.92E+01	1.11E-02	2.44E-03	1.43E-01	1.05E-05	1.05E-03	3.05E-01	3.67E-04	6.45E-04	4.32E-01	143
Generator Sets	G4	5	5.06E+02	1.25E+02	3.31E+01	6.54E-03	1.28E-03	8.50E-02	5.56E-06	5.49E-04	1.61E-01	1.93E-04	3.81E-04	2.29E-01	76
Generator Sets	G4	15	1.77E+03	6.50E+02	3.87E+02	2.82E-02	1.71E-02	1.11E+00	5.37E-05	9.96E-04	1.88E+00	1.67E-03	1.64E-03	2.44E+00	807
Generator Sets	G4	15	1.39E+03	3.44E+02	2.16E+02	2.06E-02	8.56E-03	6.44E-01	2.84E-05	5.22E-04	9.95E-01	8.58E-04	1.20E-03	1.29E+00	426
Generator Sets	G4	25	9.50E+02	3.49E+02	4.49E+02	3.15E-02	1.85E-02	1.32E+00	5.41E-05	1.13E-03	2.14E+00	1.31E-03	1.84E-03	2.58E+00	854
Generator Sets	G4	25	7.46E+02	1.85E+02	2.46E+02	2.17E-02	8.94E-03	7.42E-01	2.86E-05	5.92E-04	1.13E+00	6.56E-04	1.26E-03	1.36E+00	450
Generator Sets	G4	50	3.16E+02	9.95E+01	2.26E+02	5.75E-03	1.11E-02	1.85E-01	2.27E-05	1.43E-04	1.87E+00	5.23E-04	3.35E-04	2.04E+00	675
Generator Sets	G4	120	6.11E+01	1.92E+01	1.03E+02	1.82E-03	7.64E-03	3.66E-02	8.94E-06	7.17E-05	9.26E-01	1.96E-04	1.06E-04	9.89E-01	327
Generator Sets	G4	175	5.77E+00	1.82E+00	1.63E+01	1.71E-04	1.37E-03	4.54E-03	1.49E-06	1.19E-05	1.50E-01	2.61E-05	9.95E-06	1.58E-01	52
Pumps	G4	5	2.28E+02	1.61E+02	2.69E+01	4.48E-03	1.80E-03	5.39E-02	5.46E-06	1.30E-04	1.58E-01	2.65E-04	2.61E-04	2.46E-01	81
Pumps	G4	5	1.79E+02	8.52E+01	1.61E+01	3.13E-03	8.80E-04	3.82E-02	2.88E-06	1.71E-04	8.35E-02	1.34E-04	1.82E-04	1.29E-01	43
Pumps	G4	15	2.47E+02	1.75E+02	9.31E+01	7.30E-03	5.14E-03	2.63E-01	1.30E-05	3.83E-03	4.57E-01	4.80E-04	4.26E-04	6.15E-01	203
Pumps	G4	15	1.94E+02	9.23E+01	5.02E+01	4.31E-03	2.60E-03	1.45E-01	6.88E-06	1.99E-03	2.41E-01	2.48E-04	2.51E-04	3.23E-01	107
Pumps	G4	25	6.34E+01	4.48E+01	5.18E+01	3.98E-03	2.59E-03	1.50E-01	6.30E-06	2.08E-03	2.49E-01	1.77E-04	2.32E-04	3.08E-01	102
Pumps	G4	25	4.98E+01	2.36E+01	2.76E+01	2.20E-03	1.32E-03	8.05E-02	3.33E-06	1.10E-03	1.31E-01	9.13E-05	1.28E-04	1.62E-01	54
Pumps	G4	50	2.53E+01	1.53E+01	3.43E+01	9.04E-04	1.51E-03	2.90E-02	3.43E-06	2.16E-05	2.82E-01	7.37E-05	5.27E-05	3.06E-01	101
Pumps	G4	120	3.20E+01	1.94E+01	1.18E+02	2.14E-03	7.46E-03	4.13E-02	1.03E-05	8.22E-05	1.06E+00	1.79E-04	1.25E-04	1.12E+00	371
Pumps	G4	175	9.65E-01	5.84E-01	5.26E+00	5.40E-05	3.86E-04	1.52E-03	4.78E-07	3.84E-06	4.82E-02	7.18E-06	3.14E-06	5.05E-02	17
Air Compressors	G4	5	8.25E+01	1.28E+02	2.77E+01	4.40E-03	1.98E-03	5.16E-02	5.84E-06	5.51E-05	1.69E-01	2.50E-04	2.56E-04	2.52E-01	83
Air Compressors	G4	5	6.48E+01	6.74E+01	1.46E+01	2.32E-03	1.05E-03	2.73E-02	3.09E-06	2.91E-05	8.94E-02	1.32E-04	1.35E-04	1.33E-01	44
Air Compressors	G4	15	4.18E+01	6.46E+01	2.43E+01	1.89E-03	1.40E-03	6.84E-02	3.42E-06	1.00E-03	1.20E-01	1.51E-04	1.10E-04	1.69E-01	56
Air Compressors	G4	15	3.28E+01	3.41E+01	1.28E+01	9.73E-04	7.24E-04	3.61E-02	1.81E-06	5.31E-04	6.33E-02	7.89E-05	5.67E-05	8.90E-02	29
Air Compressors	G4	25	5.63E+00	8.71E+00	8.19E+00	6.52E-04	4.25E-04	2.38E-02	9.95E-07	3.29E-04	3.92E-02	3.14E-05	3.79E-05	4.98E-02	16
Air Compressors	G4	25	4.43E+00	4.61E+00	4.33E+00	3.38E-04	2.20E-04	1.26E-02	5.26E-07	1.74E-04	2.08E-02	1.64E-05	1.97E-05	2.63E-02	9
Air Compressors	G4	50	9.61E+00	1.27E+01	2.77E+01	1.09E-03	1.47E-03	3.05E-02	2.62E-06	1.65E-05	2.15E-01	6.84E-05	6.36E-05	2.38E-01	79
Air Compressors	G4	120	3.12E+01	4.13E+01	1.58E+02	4.63E-03	1.27E-02	7.96E-02	1.33E-05	1.07E-04	1.38E+00	3.55E-04	2.69E-04	1.50E+00	495
Air Compressors	G4	175	2.10E+00	2.78E+00	1.90E+01	2.71E-04	1.84E-03	5.94E-03	1.72E-06	1.38E-05	1.73E-01	3.59E-05	1.58E-05	1.84E-01	61
Welders	G4	15	1.61E+02	9.18E+01	5.15E+01	4.71E-03	2.59E-03	1.50E-01	6.95E-06	1.99E-03	2.44E-01	2.46E-04	2.74E-04	3.26E-01	108
Welders	G4	25	5.83E+02	3.32E+02	2.88E+02	2.37E-02	1.37E-02	8.42E-01	3.45E-05	1.14E-02	1.36E+00	1.09E-03	1.38E-03	1.73E+00	573
Welders	G4	50	5.02E+01	2.86E+01	6.96E+01	2.18E-03	3.64E-03	6.17E-02	6.88E-06	4.34E-05	5.66E-01	1.60E-04	1.27E-04	6.18E-01	205
Welders	G4	120	5.12E+01	2.92E+01	9.94E+01	2.25E-03	7.87E-03	3.96E-02	8.59E-06	6.89E-05	8.89E-01	2.31E-04	1.31E-04	9.63E-01	319
Welders	G4	175	3.53E+00	2.01E+00	1.21E+01	1.50E-04	1.12E-03	3.47E-03	1.10E-06	8.82E-06	1.11E-01	2.34E-05	8.75E-06	1.18E-01	39
Pressure Washers	G4	5	1.73E+02	6.36E+01	2.22E+01	3.43E-03	1.01E-03	4.67E-02	4.42E-06	4.39E-04	1.28E-01	1.24E-04	2.00E-04	1.70E-01	56
Pressure Washers	G4	5	1.36E+02	3.36E+01	1.36E+01	2.59E-03	5.36E-04	3.41E-02	2.33E-06	2.29E-04	6.76E-02	6.56E-05	1.51E-04	9.11E-02	30
Pressure Washers	G4	15	1.54E+02	5.67E+01	3.29E+01	2.39E-03	1.45E-03	9.44E-02	4.55E-06	8.45E-05	1.60E-01	1.44E-04	1.39E-04	2.07E-01	69
Pressure Washers	G4	15	1.21E+02	3.00E+01	1.83E+01	1.75E-03	7.26E-04	5.46E-02	2.41E-06	4.42E-05	8.44E-02	7.37E-05	1.02E-04	1.09E-01	36
Pressure Washers	G4	25	2.90E+01	1.07E+01	1.61E+01	1.08E-03	6.67E-04	4.74E-02	1.96E-06	4.05E-05	7.71E-02	4.36E-05	6.29E-05	9.20E-02	30
Pressure Washers	G4	25	2.27E+01	5.63E+00	8.83E+00	7.44E-04	3.24E-04	2.65E-02	1.03E-06	2.12E-05	4.08E-02	2.19E-05	4.34E-05	4.85E-02	16
Pressure Washers	G4	50	2.83E+00	8.89E-01	2.26E+00	5.40E-05	9.85E-05	1.72E-03	2.30E-07	1.45E-06	1.89E-02	4.53E-06	3.14E-06	2.04E-02	7
Generator Sets	C4	120	4.54E+00	1.43E+00	8.98E+00	7.42E-06	4.88E-04	1.89E-03	0.00E+00	5.34E-06	6.00E-02	0.00E+00	6.22E-05	6.13E-02	20
Generator Sets	C4	175	3.77E+00	1.19E+00	1.30E+01	8.54E-06	7.06E-04	2.26E-03	0.00E+00	7.79E-06	8.75E-02	0.00E+00	7.16E-05	8.90E-02	29
Gas Compressors	C4	50	7.06E-01	1.64E+01	5.62E+01	3.20E-05	1.16E-03	5.67E-03	0.00E+00	2.96E-05	3.86E-01	0.00E+00	2.68E-04	3.92E-01	130
Gas Compressors	C4	120	1.46E+00	3.40E+01	3.29E+02	1.75E-04	6.88E-03	9.07E-02	0.00E+00	1.68E-04	2.17E+00	0.00E+00	1.46E-03	2.20E+00	729
Gas Compressors	C4	175	2.35E-01	5.48E+00	8.45E+01	4.87E-05	1.84E-03	1.85E-02	0.00E+00	4.50E-05	5.65E-01	0.00E+00	4.08E-04	5.74E-01	190
Gas Compressors	C4	250	1.88E-01	4.39E+00	8.75E+01	3.75E-05	1.78E-03	2.12E-02	0.00E+00	5.18E-05	5.82E-01	0.00E+00	3.14E-04	5.89E-01	195
Gas Compressors	C4	500	1.65E-01	3.84E+00	1.23E+02	5.28E-05	2.51E-03	2.99E-02	0.00E+00	7.29E-05	8.20E-01	0.00E+00	4.42E-04	8.29E-01	275
Generator Sets	D	15	1.19E+02	1.10E+02	5.13E+01	8.57E-04	5.81E-03	3.82E-03	8.71E-06	3.36E-04	5.60E-01	0.00E+00	7.73E-05	5.61E-01	186
Generator Sets	D	25	8.68E+01	8.03E+01	6.46E+01	1.10E-03	6.54E-03	3.80E-03	8.97E-06	3.85E-04	7.07E-01	0.00E+00	9.96E-05	7.09E-01	235
Generator Sets	D	50	1.06E+02	9.80E+01	1.39E+02	4.68E-03	1.45E-02	1.34E-02	1.94E-05	1.25E-03	1.50E+00	0.00E+00	4.22E-04	1.51E+00	500
Generator Sets	D	120	1.61E+02	1.49E+02	5.31E+02	8.96E-03	6.03E-02	3.69E-02	6.80E-05	4.77E-03	5.80E+00	0.00E+00	8.09E-04	5.82E+00	1,926
Generator Sets	D	175	9.52E+00	8.80E+00	5.69E+01	6.40E-04	5.77E-03	3.26E-03	7.03E-06	2.83E-04	6.24E-01	0.00E+00	5.78E-05	6.26E-01	207
Generator Sets	D	250	5.32E+00	4.92E+00	4.73E+01	3.36E-04	4.44E-03	1.10E-03	5.88E-06	1.25E-04	5.22E-01	0.00E+00	3.03E-05	5.23E-01	173
Generator Sets	D	500	1.18E+01	1.09E+01	1.67E+02	1.06E-03	1.41E-02	4.15E-03	1.81E-05	4.13E-04	1.84E+00	0.00E+00	9.58E-05	1.84E+00	610
Generator Sets	D	750	7.35E+00	6.80E+00	1.67E+02	1.10E-03	1.46E-02	4.16E-03	1.86E-05	4.21E-04	1.85E+00	0.00E+00	9.94E-05	1.85E+00	612
Generator Sets	D	9999	1.91E+00	1.77E+00	8.41E+01	7.64E-04	9.63E-03	2.69E-03	9.32E-06	2.74E-04	9.27E-01	0.00E+00	6.90E-05	9.28E-01	307
Pumps	D	15	8.91E+01	9.83E+01	3.34E+01	6.49E-04	3.87E-03	2.49E-03	5.67E-06	2.64E-04	3.65E-01	0.00E+00	5.86E-05	3.66E-01	121
Pumps	D	25	2.66E+01	2.94E+01	2.62E+01	5.63E-04	2.64E-03	1.53E-03	3.63E-06	1.71E-04	2.86E-01	0.00E+00	5.08E-05	2.87E-01	95
Pumps	D	50	4.64E+01	5.12E+01	8.13E+01	2.94E-03	8.59E-03	8.24E-03	1.13E-05	7.64E-04	8.78E-01	0.00E+00	2.65E-04	8.83E-01	293
Pumps	D	120	9.10E+01	1.00E+02	3.58E+02	6.26E-03	4.12E-02	2.52E-02	4.58E-05	3.35E-03	3.91E+00	0.00E+00	5.65E-04	3.92E+00	1,298
Pumps	D	175	9.85E+00	1.09E+01	6.93E+01	8.10E-04	7.13E-03	4.03E-03	8.55E-06	3.60E-04	7.60E-01	0.00E+00	7.31E-05	7.62E-01	252
Pumps	D	250	7.09E+00	7.82E+00	7.13E+01	5.29E-04	6.79E-03	1.69E-03	8.85E-06	1.96E-04	7.87E-01	0.00E+00	4.77E-05	7.88E-01	261
Pumps	D	500	1.40E-01	1.54E-01	2.41E+00	1.60E-05	2.07E-04	6.17E-05	2.61E-07	6.19E-06	2.66E-02	0.00E+00	1.45E-06	2.67E-02	9
Pumps	D	750	2.33E-02	2.57E-02	6.65E-01	4.56E-06	5.87E-05	1.70E-05	7.38E-08	1.73E-06	7.34E-03	0.00E+00	4.11E-07	7.34E-03	2
Pumps	D	9999	5.13E-01	5.66E-01	3.48E+01	3.23E-04	4.03E-03	1.14E-03	3.85E-06	1.15E-04	3.83E-01	0.00E+00	2.91E-05	3.84E-01	127
Air Compressors	D	15	1.21E+00	2.71E+00	8.95E-01	1.74E-05	1.04E-04	6.67E-05	1.52E-07	7.07E-06	9.76E-03	0.00E+00	1.57E-06	9.80E-03	3
Air Compressors	D	25	2.40E+00	5.36E+00	3.54E+00	7.61E-05	3.58E-04	2.08E-04	4.91E-07	2.32E-05	3.87E-02	0.00E+00	6.87E-06	3.88E-02	13
Air Compressors	D	50	2.18E+01	4.87E+01	5.06E+01	2.45E-03	5.62E-03	6.43E-03	7.01E-06	5.80E-04	5.42E-01	0.00E+00	2.21E-04	5.47E-01	181
Air Compressors	D	120	1.45E+02	3.24E+02	6.98E+02	1.44E-02	8.64E-02	5.33E-02	8.92E-05	7.98E-03	7.61E+00	0.00E+00	1.30E-03	7.64E+00	2,528
Air Compressors	D	175	5.51E+00	1.23E+01	4.96E+01	6.95E-04	5.49E-03	3.11E-03	6.11E-06	3.14E-04	5.43E-01	0.00E+00	6.27E-05	5.44E-01	180
Air Compressors	D	250	7.75E+00	1.73E+01	1.03E+02	9.19E-04	1.05E-02	2.63E-03	1.27E-05	3.27E-04	1.13E+00	0.00E+00	8.29E-05	1.13E+00	376
Air Compressors	D	500	1.01E+01	2.25E+01	2.37E+02	1.92E-03	2.14E-02	6.42E-03	2.56E-05	7.01E-04	2.61E+00	0.00E+00	1.73E-04	2.61E+00	865
Air Compressors	D	750	3.78E+00	8.43E+00	1.37E+02	1.13E-03	1.28E-02	3.71E-03	1.52E-05	4.13E-04	1.51E+00	0.00E+00	1.02E-04	1.51E+00	500
Air Compressors	D	1000	9.33E-02	2.08E-01	4.59E+00	4.70E-05	5.63E-04	1.61E-04	5.08E-07	1.65E-05	5.06E-02	0.00E+00	4.24E-06	5.07E-02	17
Welders	D	15	4.03E+01	7.09E+01	2.02E+01	3.92E-04	2.33E-03	1.50E-03	3.42E-06	1.59E-04	2.20E-01	0.00E+00	3.53E-05	2.21E-01	73
Welders	D	25	3.55E+01	6.24E+01	3.22E+01	6.93E-04	3.25E-03	1.89E-03	4.46E-06	2.11E-04	3.52E-01	0.00E+00	6.25E-05	3.53E-01	117
Welders	D	50	1.09E+02	1.92E+02	2.32E+02	1.02E-02	2.53E-02	2.73E-02	3.22E-05	2.49E-03	2.49E+00	0.00E+00	9.24E-04	2.51E+00	831
Welders	D	120	8.48E+01	1.49E+02	2.70E+02	5.27E-03	3.26E-02	2.00E-02	3.45E-05	2.88E-03	2.94E+00	0.00E+00	4.75E-04	2.95E+00	978
Welders	D	175	4.20E-01	7.39E-01	3.31E+00	4.36E-05	3.57E-04	2.02E-04	4.08E-07	1.96E-05	3.62E-02	0.00E+00	3.93E-06	3.63E-02	12
Welders	D	250	9.33E-02	1.64E-01	8.86E-01	7.44E-06	8.85E-05	2.21E-05	1.10E-07	2.70E-06	9.77E-03	0.00E+00	6.71E-07	9.78E-03	3
Welders	D	500	2.33E-01	4.11E-01	3.12E+00	2.36E-05	2.77E-04	8.31E-05	3.37E-07	8.83E-06	3.44E-02	0.00E+00	2.13E-06	3.44E-02	11
Pressure Washers	D	15	5.51E+00	2.18E+00	4.89E-01	8.17E-06	5.54E-05	3.64E-05	8.31E-08	3.21E-06	5.34E-03	0.00E+00	7.37E-07	5.35E-03	2
Pressure Washers	D	25	1.28E+00	5.09E-01	1.66E-01	2.84E-06	1.68E-05	9.76E-06	2.31E-08	9.90E-07	1.82E-03	0.00E+00	2.56E-07	1.82E-03	1
Pressure Washers	D	50	2.54E+00	1.01E+00	6.63E-01	1.76E-05	6.74E-05	5.41E-05	9.32E-08	5.16E-06	7.21E-03	0.00E+00	1.58E-06	7.24E-03	2
Pressure Washers	D	120	1.05E+00	4.17E-01	4.58E-01	6.90E-06	4.96E-05	3.03E-05	5.88E-08	3.57E-06	5.01E-03	0.00E+00	6.22E-07	5.02E-03	2
			10,969	5,728	7,668	0.293	0.591	7.338	0.001	0.063	65.061	0.011	0.022	68.979	22,840
			Population	Activity	Consumption	lbs/day					Tons/Day				MTons/Year
			237	124	166	13	26	317	0	3	1	0	0	1	494

As a percent of 2010 Total Employment — Fresno County 1,410,179 — Clovis 30,487 — Percent 2.2%

SOURCE: U.S. Census Bureau. 2010. Longitudinal Employer-Household Dynamics. http://lehd.ces.census.gov/
http://lehd.ces.census.gov/applications/qwi_online/

Light Commercial					Tons/Day										MTons/Year
Equipment	Fuel	MaxHP	Population	Activity	Consumption	ROG Exhaust	NOX Exhaust	CO Exhaust	SO2 Exhaust	PM Exhaust	CO2 Exhaust	N2O Exhaust	CH4 Exhaust	CO2e	CO2e
Generator Sets	G2	2	4.74E+01	1.74E+01	1.60E+00	8.56E-04	4.18E-05	4.17E-03	2.31E-07	3.61E-05	5.61E-03	1.25E-05	5.32E-05	1.06E-02	4
Generator Sets	G2	2	3.72E+01	9.21E+00	9.15E-01	5.43E-04	2.04E-05	2.41E-03	1.22E-07	2.14E-05	2.97E-03	6.27E-06	3.37E-05	5.62E-03	2
Generator Sets	G2	15	4.78E-01	1.76E-01	1.16E-01	2.46E-05	3.71E-06	3.26E-04	2.10E-08	8.72E-07	5.09E-04	4.05E-07	1.53E-06	6.67E-04	0
Generator Sets	G2	15	3.64E-01	9.01E-02	6.78E-02	2.96E-05	1.55E-06	1.79E-04	1.08E-08	1.19E-06	2.61E-04	1.78E-07	1.84E-06	3.55E-04	0
Pumps	G2	2	1.88E+02	1.33E+02	9.59E+00	2.98E-03	3.92E-04	2.40E-02	1.79E-06	1.84E-04	4.35E-02	1.08E-04	1.85E-04	8.09E-02	27
Pumps	G2	2	1.48E+02	7.03E+01	6.27E+00	3.15E-03	1.77E-04	1.63E-02	9.46E-07	1.39E-04	2.30E-02	5.18E-05	1.96E-04	4.31E-02	14
Pumps	G2	15	5.08E+01	3.59E+01	2.10E+01	3.87E-03	7.23E-04	5.96E-02	3.86E-06	7.86E-04	9.38E-02	8.09E-05	2.41E-04	1.24E-01	41
Pumps	G2	15	3.99E+01	1.90E+01	1.26E+01	4.82E-03	3.21E-04	3.44E-02	2.04E-06	4.15E-04	4.95E-02	3.77E-05	3.00E-04	6.75E-02	22
Pumps	G2	25	6.15E-01	4.34E-01	5.07E-01	4.42E-05	1.79E-05	1.47E-03	9.93E-08	2.02E-05	2.41E-03	1.45E-06	2.75E-06	2.92E-03	1
Pumps	G2	25	4.78E-01	2.27E-01	2.91E-01	6.63E-05	8.03E-06	8.26E-04	5.19E-08	1.06E-05	1.26E-03	6.85E-07	4.12E-06	1.56E-03	1
Generator Sets	G4	5	6.22E+02	2.29E+02	7.32E+01	1.81E-02	2.44E-03	2.18E-01	1.02E-05	1.02E-03	2.95E-01	3.63E-04	1.05E-03	4.29E-01	142
Generator Sets	G4	5	4.89E+02	1.21E+02	4.03E+01	1.01E-02	1.22E-03	1.24E-01	5.38E-06	5.28E-04	1.56E-01	1.86E-04	5.89E-04	2.26E-01	75
Generator Sets	G4	15	1.71E+03	6.29E+02	4.19E+02	5.10E-02	1.53E-02	1.29E+00	5.19E-05	9.58E-04	1.82E+00	1.56E-03	2.97E-03	2.37E+00	783
Generator Sets	G4	15	1.34E+03	3.32E+02	2.25E+02	2.82E-02	7.91E-03	7.01E-01	2.74E-05	5.01E-04	9.62E-01	8.15E-04	1.64E-03	1.25E+00	414
Generator Sets	G4	25	9.18E+02	3.38E+02	4.70E+02	5.17E-02	1.52E-02	1.44E+00	5.24E-05	1.09E-03	2.07E+00	1.16E-03	3.01E-03	2.49E+00	824
Generator Sets	G4	25	7.22E+02	1.78E+02	2.52E+02	2.84E-02	8.01E-03	7.83E-01	2.77E-05	5.68E-04	1.09E+00	6.12E-04	1.65E-03	1.32E+00	436
Generator Sets	G4	50	3.06E+02	9.62E+01	2.22E+02	7.85E-03	1.57E-02	1.96E-01	2.20E-05	1.38E-04	1.81E+00	6.45E-04	4.58E-04	2.02E+00	668
Generator Sets	G4	120	5.90E+01	1.86E+01	1.01E+02	2.69E-03	1.13E-02	4.63E-02	8.65E-06	6.93E-05	8.95E-01	2.50E-04	1.57E-04	9.76E-01	323
Generator Sets	G4	175	5.58E+00	1.76E+00	1.58E+01	2.55E-04	2.04E-03	4.09E-03	1.44E-06	1.15E-05	1.45E-01	3.34E-05	1.48E-05	1.55E-01	51
Pumps	G4	5	2.21E+02	1.56E+02	3.47E+01	8.02E-03	1.42E-03	9.63E-02	5.28E-06	6.73E-04	1.53E-01	2.28E-04	4.67E-04	2.33E-01	77
Pumps	G4	5	1.73E+02	8.24E+01	2.14E+01	5.59E-03	6.56E-04	6.66E-02	2.79E-06	3.76E-04	8.07E-02	1.12E-04	3.25E-04	1.22E-01	40
Pumps	G4	15	2.39E+02	1.69E+02	1.01E+02	1.22E-02	3.95E-03	3.12E-01	1.26E-05	3.52E-03	4.42E-01	4.09E-04	7.12E-04	5.83E-01	193
Pumps	G4	15	1.88E+02	8.93E+01	5.54E+01	7.11E-03	1.99E-03	1.75E-01	6.65E-06	1.62E-03	2.33E-01	2.11E-04	4.14E-04	3.07E-01	102
Pumps	G4	25	6.13E+01	4.33E+01	5.33E+01	5.41E-03	2.00E-03	1.61E-01	6.09E-06	2.01E-03	2.40E-01	1.50E-04	3.15E-04	2.94E-01	97
Pumps	G4	25	4.81E+01	2.29E+01	2.91E+01	3.21E-03	9.57E-04	8.99E-02	3.22E-06	9.81E-04	1.27E-01	7.54E-05	1.87E-04	1.54E-01	51
Pumps	G4	50	2.44E+01	1.48E+01	3.40E+01	1.40E-03	2.56E-03	3.19E-02	3.32E-06	2.09E-05	2.73E-01	1.02E-04	8.14E-05	3.06E-01	101
Pumps	G4	120	3.10E+01	1.87E+01	1.17E+02	3.66E-03	1.43E-02	5.72E-02	9.91E-06	7.95E-05	1.03E+00	2.85E-04	2.13E-04	1.12E+00	370
Pumps	G4	175	9.34E-01	5.65E-01	5.08E+00	9.17E-05	7.36E-04	1.37E-03	4.63E-07	3.71E-06	4.66E-02	1.14E-05	5.34E-06	5.02E-02	17
Air Compressors	G4	5	7.97E+01	1.23E+02	2.68E+01	4.25E-03	1.92E-03	4.99E-02	5.65E-06	5.33E-05	1.64E-01	2.42E-04	2.47E-04	2.44E-01	81
Air Compressors	G4	5	6.27E+01	6.52E+01	1.41E+01	2.24E-03	1.01E-03	2.63E-02	2.98E-06	2.82E-05	8.64E-02	1.28E-04	1.31E-04	1.29E-01	43
Air Compressors	G4	15	4.04E+01	6.25E+01	2.41E+01	2.12E-03	1.29E-03	6.93E-02	3.31E-06	9.72E-04	1.16E-01	1.42E-04	1.23E-04	1.63E-01	54
Air Compressors	G4	15	3.17E+01	3.30E+01	1.33E+01	1.34E-03	6.17E-04	3.92E-02	1.75E-06	5.13E-04	6.12E-02	7.10E-05	7.81E-05	8.49E-02	28
Air Compressors	G4	25	5.44E+00	8.42E+00	8.06E+00	6.99E-04	3.88E-04	2.37E-02	9.62E-07	3.18E-04	3.79E-02	2.93E-05	4.06E-05	4.79E-02	16
Air Compressors	G4	25	4.28E+00	4.45E+00	4.45E+00	4.58E-04	1.71E-04	1.35E-02	5.09E-07	1.68E-04	2.01E-02	1.40E-05	2.67E-05	2.50E-02	8
Air Compressors	G4	50	9.29E+00	1.23E+01	2.66E+01	1.33E-03	1.98E-03	2.78E-02	2.53E-06	1.59E-05	2.08E-01	8.22E-05	7.75E-05	2.35E-01	78
Air Compressors	G4	120	3.01E+01	3.99E+01	1.55E+02	5.96E-03	1.89E-02	8.62E-02	1.29E-05	1.03E-04	1.34E+00	4.71E-04	3.47E-04	1.49E+00	493
Air Compressors	G4	175	2.03E+00	2.68E+00	1.83E+01	3.51E-04	2.71E-03	5.28E-03	1.66E-06	1.33E-05	1.67E-01	4.75E-05	2.05E-05	1.82E-01	60
Welders	G4	15	1.56E+02	8.88E+01	5.65E+01	7.39E-03	2.03E-03	1.79E-01	6.72E-06	1.53E-03	2.36E-01	2.13E-04	4.31E-04	3.11E-01	103
Welders	G4	25	5.64E+02	3.21E+02	3.03E+02	3.45E-02	9.97E-03	9.40E-01	3.34E-05	9.86E-03	1.32E+00	9.02E-04	2.01E-03	1.64E+00	543
Welders	G4	50	4.85E+01	2.76E+01	6.82E+01	2.83E-03	5.12E-03	6.36E-02	6.66E-06	4.19E-05	5.47E-01	1.99E-04	1.65E-04	6.13E-01	203
Welders	G4	120	4.95E+01	2.82E+01	9.81E+01	3.10E-03	1.20E-02	4.78E-02	8.30E-06	6.66E-05	8.59E-01	3.14E-04	1.81E-04	9.61E-01	318
Welders	G4	175	3.42E+00	1.94E+00	1.17E+01	2.10E-04	1.69E-03	3.11E-03	1.06E-06	8.52E-06	1.07E-01	3.18E-05	1.23E-05	1.17E-01	39
Pressure Washers	G4	5	1.67E+02	6.15E+01	2.81E+01	6.26E-03	1.10E-03	7.89E-02	4.27E-06	4.22E-04	1.24E-01	1.29E-04	3.65E-04	1.71E-01	57
Pressure Washers	G4	5	1.31E+02	3.25E+01	1.66E+01	4.10E-03	5.20E-04	5.05E-02	2.26E-06	2.21E-04	6.54E-02	6.41E-05	2.39E-04	9.02E-02	30
Pressure Washers	G4	15	1.49E+02	5.48E+01	3.56E+01	4.33E-03	1.30E-03	1.10E-01	4.40E-06	8.12E-05	1.54E-01	1.34E-04	2.52E-04	2.01E-01	67
Pressure Washers	G4	15	1.17E+02	2.90E+01	1.91E+01	2.39E-03	6.71E-04	5.95E-02	2.33E-06	4.25E-05	8.16E-02	7.00E-05	1.39E-04	1.06E-01	35
Pressure Washers	G4	25	2.80E+01	1.03E+01	1.68E+01	1.80E-03	5.59E-04	5.15E-02	1.89E-06	3.89E-05	7.46E-02	3.90E-05	1.05E-04	8.89E-02	29
Pressure Washers	G4	25	2.20E+01	5.44E+00	9.06E+00	1.02E-03	2.87E-04	2.81E-02	9.99E-07	2.05E-05	3.94E-02	2.03E-05	5.93E-05	4.69E-02	16
Pressure Washers	G4	50	2.73E+00	8.60E-01	2.26E+00	8.63E-05	1.71E-04	2.03E-03	2.22E-07	1.40E-06	1.83E-02	6.40E-06	5.03E-06	2.04E-02	7
Generator Sets	C4	120	4.39E+00	1.38E+00	8.70E+00	1.11E-05	7.37E-04	1.81E-03	0.00E+00	5.16E-06	5.80E-02	0.00E+00	9.28E-05	6.00E-02	20
Generator Sets	C4	175	3.64E+00	1.15E+00	1.26E+01	1.31E-05	1.08E-03	2.18E-03	0.00E+00	7.53E-06	8.46E-02	0.00E+00	1.10E-04	8.70E-02	29
Gas Compressors	C4	50	6.83E-01	1.59E+01	5.45E+01	4.91E-05	2.17E-03	5.48E-03	0.00E+00	2.86E-05	3.73E-01	0.00E+00	4.12E-04	3.82E-01	127
Gas Compressors	C4	120	1.41E+00	3.29E+01	3.19E+02	2.77E-04	1.32E-02	8.77E-02	0.00E+00	1.63E-04	2.10E+00	0.00E+00	2.32E-03	2.15E+00	711
Gas Compressors	C4	175	2.28E-01	5.30E+00	8.19E+01	7.47E-05	2.95E-03	1.78E-02	0.00E+00	4.35E-05	5.46E-01	0.00E+00	6.27E-04	5.59E-01	185
Gas Compressors	C4	250	1.82E-01	4.24E+00	8.49E+01	8.60E-05	3.39E-03	2.05E-02	0.00E+00	5.01E-05	5.63E-01	0.00E+00	7.21E-04	5.78E-01	191
Gas Compressors	C4	500	1.59E-01	3.71E+00	1.20E+02	1.21E-04	4.78E-03	2.89E-02	0.00E+00	7.05E-05	7.93E-01	0.00E+00	1.02E-03	8.14E-01	270
Generator Sets	D	15	1.15E+02	1.07E+02	5.00E+01	1.16E-03	7.28E-03	4.19E-03	7.90E-05	4.83E-04	5.44E-01	0.00E+00	1.04E-04	5.46E-01	181
Generator Sets	D	25	8.44E+01	7.80E+01	6.31E+01	1.51E-03	7.27E-03	4.73E-03	8.14E-05	5.22E-04	6.87E-01	0.00E+00	1.36E-04	6.90E-01	228
Generator Sets	D	50	1.03E+02	9.53E+01	1.36E+02	6.67E-03	1.56E-02	1.52E-02	1.76E-04	1.64E-03	1.46E+00	0.00E+00	6.02E-04	1.47E+00	487
Generator Sets	D	120	1.57E+02	1.45E+02	5.18E+02	1.30E-02	7.91E-02	3.82E-02	6.17E-04	6.29E-03	5.64E+00	0.00E+00	1.17E-03	5.66E+00	1,875
Generator Sets	D	175	9.25E+00	8.56E+00	5.55E+01	9.11E-04	7.79E-03	3.27E-03	6.37E-05	3.73E-04	6.07E-01	0.00E+00	8.22E-05	6.09E-01	202
Generator Sets	D	250	5.17E+00	4.78E+00	4.61E+01	5.39E-04	6.15E-03	1.61E-03	5.33E-05	2.05E-04	5.08E-01	0.00E+00	4.86E-05	5.09E-01	168
Generator Sets	D	500	1.15E+01	1.06E+01	1.63E+02	1.71E-03	2.03E-02	6.92E-03	1.64E-04	6.65E-04	1.79E+00	0.00E+00	1.54E-04	1.79E+00	594
Generator Sets	D	750	7.14E+00	6.61E+00	1.63E+02	1.77E-03	2.08E-02	6.94E-03	1.68E-04	6.75E-04	1.79E+00	0.00E+00	1.59E-04	1.80E+00	595
Generator Sets	D	9999	1.86E+00	1.72E+00	8.22E+01	1.13E-03	1.20E-02	4.30E-03	8.45E-05	4.04E-04	9.01E-01	0.00E+00	1.02E-04	9.03E-01	299
Pumps	D	15	8.66E+01	9.55E+01	3.26E+01	8.67E-04	4.86E-03	2.73E-03	5.14E-05	3.86E-04	3.54E-01	0.00E+00	7.82E-05	3.56E-01	118
Pumps	D	25	2.59E+01	2.85E+01	2.56E+01	7.91E-04	2.94E-03	1.91E-03	3.29E-05	2.36E-04	2.78E-01	0.00E+00	7.14E-05	2.79E-01	92
Pumps	D	50	4.51E+01	4.97E+01	7.97E+01	4.13E-03	9.23E-03	9.30E-03	1.03E-04	9.96E-04	8.53E-01	0.00E+00	3.73E-04	8.61E-01	285
Pumps	D	120	8.84E+01	9.75E+01	3.49E+02	8.99E-03	5.41E-02	2.61E-02	4.16E-04	4.39E-03	3.80E+00	0.00E+00	8.11E-04	3.81E+00	1,263
Pumps	D	175	9.57E+00	1.06E+01	6.75E+01	1.14E-03	9.62E-03	4.05E-03	7.76E-05	4.71E-04	7.39E-01	0.00E+00	1.03E-04	7.41E-01	245
Pumps	D	250	6.89E+00	7.60E+00	6.95E+01	8.37E-04	9.39E-03	2.46E-03	8.03E-05	3.21E-04	7.65E-01	0.00E+00	7.55E-05	7.66E-01	254
Pumps	D	500	1.36E-01	1.50E-01	2.35E+00	2.54E-05	2.97E-04	1.05E-04	2.37E-06	9.95E-06	2.59E-02	0.00E+00	2.29E-06	2.59E-02	9
Pumps	D	750	2.27E-02	2.50E-02	6.49E-01	7.20E-06	8.37E-05	2.90E-05	6.69E-07	2.77E-06	7.13E-03	0.00E+00	6.50E-07	7.14E-03	2
Pumps	D	9999	4.99E-01	5.50E-01	3.40E+01	4.76E-04	5.01E-03	1.85E-03	3.49E-05	1.69E-04	3.72E-01	0.00E+00	4.29E-05	3.73E-01	124
Air Compressors	D	15	1.18E+00	2.63E+00	8.74E-01	2.32E-05	1.30E-04	7.31E-05	1.38E-06	1.03E-05	9.49E-03	0.00E+00	2.10E-06	9.53E-03	3
Air Compressors	D	25	2.34E+00	5.21E+00	3.46E+00	1.07E-04	3.98E-04	2.59E-04	4.45E-06	3.19E-05	3.76E-02	0.00E+00	9.66E-06	3.78E-02	13
Air Compressors	D	50	2.12E+01	4.73E+01	4.97E+01	3.28E-03	5.97E-03	7.09E-03	6.35E-05	7.33E-04	5.27E-01	0.00E+00	2.96E-04	5.33E-01	176
Air Compressors	D	120	1.41E+02	3.15E+02	6.81E+02	1.97E-02	1.12E-01	5.46E-02	8.10E-04	1.01E-02	7.39E+00	0.00E+00	1.78E-03	7.43E+00	2,461
Air Compressors	D	175	5.35E+00	1.19E+01	4.83E+01	9.21E-04	7.33E-03	3.10E-03	5.54E-05	3.97E-04	5.28E-01	0.00E+00	8.31E-05	5.29E-01	175
Air Compressors	D	250	7.53E+00	1.68E+01	1.00E+02	1.37E-03	1.44E-02	3.84E-03	1.16E-04	5.44E-04	1.10E+00	0.00E+00	1.24E-04	1.10E+00	365
Air Compressors	D	500	9.82E+00	2.19E+01	2.31E+02	2.80E-03	3.06E-02	1.16E-02	2.32E-04	1.12E-03	2.53E+00	0.00E+00	2.53E-04	2.54E+00	841
Air Compressors	D	750	3.67E+00	8.19E+00	1.34E+02	1.66E-03	1.81E-02	6.69E-03	1.38E-04	6.56E-04	1.47E+00	0.00E+00	1.49E-04	1.47E+00	486
Air Compressors	D	1000	9.07E-02	2.02E-01	4.49E+00	6.68E-05	6.94E-04	2.72E-04	4.61E-06	2.34E-05	4.91E-02	0.00E+00	6.02E-06	4.93E-02	16
Welders	D	15	3.92E+01	6.89E+01	1.97E+01	5.23E-04	2.93E-03	1.65E-03	3.10E-05	2.33E-04	2.14E-01	0.00E+00	4.72E-05	2.15E-01	71
Welders	D	25	3.45E+01	6.06E+01	3.15E+01	9.73E-04	3.62E-03	2.35E-03	4.05E-05	2.90E-04	3.42E-01	0.00E+00	8.78E-05	3.44E-01	114
Welders	D	50	1.06E+02	1.87E+02	2.27E+02	1.39E-02	2.70E-02	3.04E-02	2.92E-04	3.17E-03	2.42E+00	0.00E+00	1.25E-03	2.45E+00	810
Welders	D	120	8.24E+01	1.45E+02	2.63E+02	7.33E-03	4.25E-02	2.06E-02	3.13E-04	3.68E-03	2.86E+00	0.00E+00	6.61E-04	2.87E+00	952
Welders	D	175	4.08E-01	7.18E-01	3.22E+00	5.90E-05	4.79E-04	2.02E-04	3.70E-06	2.51E-05	3.52E-02	0.00E+00	5.32E-06	3.53E-02	12
Welders	D	250	9.07E-02	1.60E-01	8.64E-01	1.14E-05	1.22E-04	3.23E-05	9.97E-07	4.47E-06	9.49E-03	0.00E+00	1.03E-06	9.51E-03	3
Welders	D	500	2.27E-01	3.99E-01	3.04E+00	3.55E-05	3.96E-04	1.50E-04	3.06E-06	1.42E-05	3.34E-02	0.00E+00	3.21E-06	3.35E-02	11
Pressure Washers	D	15	5.35E+00	2.12E+00	4.77E-01	1.10E-05	6.94E-05	3.99E-05	7.53E-07	4.61E-06	5.19E-03	0.00E+00	9.96E-07	5.21E-03	2
Pressure Washers	D	25	1.25E+00	4.95E-01	1.62E-01	3.89E-06	1.87E-05	1.22E-05	2.09E-07	1.34E-06	1.77E-03	0.00E+00	3.51E-07	1.77E-03	1
Pressure Washers	D	50	2.47E+00	9.81E-01	6.49E-01	2.65E-05	7.31E-05	6.25E-05	8.45E-07	6.98E-06	7.00E-03	0.00E+00	2.39E-06	7.05E-03	2
Pressure Washers	D	120	1.02E+00	4.05E-01	4.47E-01	1.04E-05	6.55E-05	3.15E-05	5.33E-07	4.85E-06	4.87E-03	0.00E+00	9.34E-07	4.89E-03	2
			10,612	5,547	7,700	0.447	0.741	8.341	0.005	0.070	63.114	0.011	0.035	67.204	22,253
			Population	Activity	Consumption	lbs/day					Tons/Day				MTons/Year
			229	120	166	19	32	361	0	3	1	0	0	1	**481**

As a percent of 2010 Total Employment — Fresno County 1,410,179 — Clovis 30,487 — Percent 2.2%

SOURCE: U.S. Census Bureau. 2010. Longitudinal Employer-Household Dynamics. http://lehd.ces.census.gov/
http://lehd.ces.census.gov/applications/qwi_online/

Lawn & Garden					Tons/Day										MTons/Year
Equipment	Fuel	MaxHP	Population	Activity	Consumption	ROG Exhaust	NOX Exhaust	CO Exhaust	SO2 Exhaust	PM Exhaust	CO2 Exhaust	N2O Exhaust	CH4 Exhaust	CO2e	CO2e
Lawn Mowers	G2	15	9.67E+02	6.06E+02	6.85E+01	7.75E-03	2.05E-03	1.39E-01	1.70E-05	1.30E-03	4.13E-01	5.35E-04	4.82E-04	5.89E-01	195
Lawn Mowers	G2	15	7.26E+03	3.08E+02	4.42E+01	1.02E-02	1.20E-03	1.13E-01	8.66E-06	7.44E-04	2.10E-01	2.80E-04	6.36E-04	3.10E-01	103
Chainsaws	G2	2	1.73E+03	1.37E+03	8.19E+01	6.84E-02	1.07E-03	1.24E-01	1.38E-05	1.95E-04	3.35E-01	5.55E-04	4.25E-03	5.96E-01	197
Chainsaws	G2	2	1.95E+04	2.62E+02	1.48E+01	8.05E-03	2.15E-04	3.10E-02	2.63E-06	1.47E-04	6.38E-02	1.08E-04	5.00E-04	1.08E-01	36
Chainsaws	G2	15	1.22E+03	9.67E+02	1.39E+02	1.17E-01	1.82E-03	2.11E-01	2.35E-05	3.32E-04	5.70E-01	6.26E-04	7.25E-03	9.16E-01	303
Chainsaws	G2	15	1.37E+04	1.84E+02	2.41E+01	1.24E-02	3.59E-04	4.92E-02	4.47E-06	2.78E-04	1.09E-01	1.20E-04	7.69E-04	1.62E-01	54
Chainsaws Preempt	G2	15	1.52E+03	1.20E+03	1.73E+02	1.45E-01	2.27E-03	2.62E-01	2.92E-05	4.13E-04	7.09E-01	7.79E-04	9.02E-03	1.14E+00	378
Chainsaws Preempt	G2	15	1.71E+04	2.29E+02	3.43E+01	2.08E-02	3.62E-04	7.44E-02	5.57E-06	1.88E-04	1.35E-01	1.34E-04	1.29E-03	2.04E-01	68
Trimmers/Edgers/Brush Cutters	G2	2	5.65E+03	1.88E+03	8.33E+01	4.49E-02	1.28E-03	1.48E-01	1.65E-05	2.33E-04	4.00E-01	7.06E-04	2.79E-03	6.78E-01	224
Trimmers/Edgers/Brush Cutters	G2	2	6.30E+04	3.71E+03	1.58E+02	7.14E-02	2.61E-03	2.93E-01	3.25E-05	4.68E-04	7.90E-01	1.42E-03	4.44E-03	1.32E+00	438
Leaf Blowers/Vacuums	G2	2	8.43E+03	4.54E+03	2.42E+02	1.67E-01	3.43E-03	3.97E-01	4.42E-05	6.25E-04	1.07E+00	1.81E-03	1.04E-02	1.85E+00	613
Leaf Blowers/Vacuums	G2	2	2.17E+04	2.86E+02	1.57E+01	8.52E-03	2.28E-04	3.29E-02	2.79E-06	1.56E-04	6.77E-02	1.16E-04	5.29E-04	1.15E-01	38
Snowblowers	G2	15	1.96E+01	2.33E+00	4.35E-01	1.41E-04	7.39E-06	8.56E-04	9.53E-08	1.35E-06	2.31E-03	1.99E-06	8.75E-06	3.11E-03	1
Snowblowers	G2	15	1.77E+02	8.80E-01	1.95E-01	9.71E-05	2.82E-06	4.03E-04	3.60E-08	2.46E-06	8.75E-04	7.47E-07	6.03E-06	1.23E-03	0
Snowblowers	G2	25	5.39E-02	6.39E-03	3.19E-03	1.03E-06	5.42E-08	6.27E-06	6.98E-10	9.87E-09	1.70E-05	9.23E-09	6.41E-08	2.12E-05	0
Snowblowers	G2	25	1.62E-01	8.05E-04	4.61E-04	2.45E-07	6.71E-09	8.78E-07	8.79E-11	5.99E-09	2.13E-06	1.13E-09	1.52E-08	2.80E-06	0
Shredders	G2	15	4.26E+01	1.58E+01	6.95E+00	3.91E-04	3.00E-04	1.88E-02	1.48E-06	3.02E-04	3.60E-02	3.51E-05	2.43E-05	4.74E-02	16
Shredders	G2	15	1.52E+03	3.74E+00	1.88E+00	4.53E-04	5.44E-05	5.06E-03	3.50E-07	7.13E-05	8.50E-03	7.03E-06	2.82E-05	1.13E-02	4
Commercial Turf Equipment	G2	15	2.26E+01	4.95E+01	2.03E+01	9.37E-04	7.02E-04	5.52E-02	4.35E-06	4.91E-05	1.06E-01	9.39E-05	5.82E-05	1.36E-01	45
Commercial Turf Equipment	G2	25	1.12E+01	2.44E+01	2.17E+01	9.74E-04	7.34E-04	6.10E-02	4.53E-06	5.12E-05	1.10E-01	6.92E-05	6.06E-05	1.33E-01	44
Other Lawn & Garden Equipment	G2	2	9.55E+00	1.79E+00	1.00E-01	4.92E-05	1.57E-06	1.82E-04	2.03E-08	2.87E-07	4.93E-04	7.73E-07	3.06E-06	7.97E-04	0
Other Lawn & Garden Equipment	G2	2	2.93E+02	3.45E+00	2.19E-01	1.18E-04	3.19E-06	4.60E-04	3.90E-08	2.19E-06	9.47E-04	1.51E-06	7.32E-06	1.57E-03	1
Other Lawn & Garden Equipment	G2	15	4.16E+00	7.81E-01	2.18E-01	1.07E-04	3.42E-06	3.97E-04	4.42E-08	6.24E-07	1.07E-03	7.93E-07	6.66E-06	1.46E-03	0
Other Lawn & Garden Equipment	G2	15	1.27E+02	1.50E+00	4.57E-01	2.31E-04	6.82E-06	9.33E-04	8.49E-08	5.27E-06	2.06E-03	1.54E-06	1.43E-05	2.84E-03	1
Lawn Mowers	G4	5	5.73E+03	3.59E+03	4.21E+02	4.95E-02	1.26E-02	9.10E-01	8.44E-05	7.71E-03	2.44E+00	3.17E-03	2.85E-03	3.49E+00	1,155
Lawn Mowers	G4	5	9.08E+04	3.85E+03	5.29E+02	5.50E-02	1.56E-02	1.44E+00	9.07E-05	6.30E-03	2.63E+00	3.54E-03	3.17E-03	3.79E+00	1,256
Tillers	G4	5	5.94E+02	9.10E+01	1.26E+01	1.12E-03	2.89E-04	3.10E-02	2.38E-06	1.82E-04	6.89E-02	7.55E-05	6.50E-05	9.37E-02	31
Tillers	G4	5	2.31E+03	1.14E+02	1.74E+01	2.00E-03	5.16E-04	4.74E-02	2.98E-06	2.15E-04	8.62E-02	1.12E-04	1.16E-04	1.23E-01	41
Trimmers/Edgers/Brush Cutters	G4	5	1.05E+03	3.89E+02	1.17E+01	1.50E-03	6.78E-04	2.60E-02	2.29E-06	2.16E-05	6.62E-02	2.37E-04	8.75E-05	1.41E-01	47
Trimmers/Edgers/Brush Cutters	G4	5	4.87E+03	2.87E+02	1.02E+01	1.51E-03	4.16E-04	2.77E-02	1.69E-06	8.73E-05	4.89E-02	1.58E-04	8.82E-05	9.98E-02	33
Leaf Blowers/Vacuums	G4	5	2.66E+02	4.53E+01	2.94E+00	2.15E-04	5.34E-05	7.68E-03	5.33E-07	3.62E-05	1.54E-02	2.24E-05	1.25E-05	2.26E-02	7
Leaf Blowers/Vacuums	G4	5	2.29E+02	3.01E+00	2.25E-01	2.17E-05	5.23E-06	6.78E-04	3.54E-08	2.04E-06	1.03E-03	1.78E-06	1.26E-06	1.61E-03	1
Snowblowers	G4	5	2.12E+02	2.52E+01	3.30E+00	1.90E-04	4.61E-05	9.19E-03	5.76E-07	3.36E-05	1.67E-02	1.58E-05	1.11E-05	2.18E-02	7
Snowblowers	G4	5	1.91E+03	9.51E+00	1.39E+00	1.15E-04	2.98E-05	4.25E-03	2.18E-07	1.15E-05	6.30E-03	7.71E-06	6.71E-06	8.83E-03	3
Snowblowers	G4	15	1.61E+02	1.90E+01	5.65E+00	1.92E-04	1.42E-04	1.62E-02	8.10E-07	9.89E-06	2.84E-02	2.52E-05	1.12E-05	3.65E-02	12
Snowblowers	G4	15	1.45E+03	7.19E+00	2.23E+00	1.08E-04	6.96E-05	6.62E-03	3.06E-07	3.58E-06	1.07E-02	1.09E-05	6.28E-06	1.42E-02	5
Snowblowers	G4	25	4.85E-01	5.76E-02	3.12E-02	1.07E-06	7.17E-07	9.22E-05	3.87E-09	5.31E-08	1.53E-04	1.00E-07	6.26E-08	1.85E-04	0
Snowblowers	G4	25	4.21E+00	2.09E-02	1.18E-02	5.63E-07	3.23E-07	3.58E-05	1.41E-09	1.85E-08	5.55E-05	4.06E-08	3.28E-08	6.88E-05	0
Rear Engine Riding Mowers	G4	15	3.14E+03	2.33E+03	7.55E+02	3.47E-02	2.51E-02	2.15E+00	1.08E-04	1.75E-03	3.77E+00	3.76E-03	2.02E-03	4.98E+00	1,649
Rear Engine Riding Mowers	G4	15	2.75E+03	2.12E+02	6.96E+01	3.66E-03	2.40E-03	2.00E-01	9.81E-06	1.37E-04	3.44E-01	3.48E-04	2.13E-04	4.56E-01	151
Rear Engine Riding Mowers	G4	25	1.43E+01	1.07E+01	6.70E+00	2.98E-04	2.19E-04	1.97E-02	8.26E-07	1.51E-05	3.26E-02	2.42E-05	1.74E-05	4.05E-02	13
Rear Engine Riding Mowers	G4	25	1.24E+01	9.56E-01	6.07E-01	3.16E-05	1.90E-05	1.79E-03	7.41E-08	1.16E-06	2.92E-03	2.11E-06	1.84E-06	3.62E-03	1
Front Mowers	G4	15	1.44E+02	1.07E+02	5.52E+01	2.54E-03	1.84E-03	1.57E-01	7.87E-06	1.28E-04	2.76E-01	2.21E-04	1.48E-04	3.48E-01	115
Front Mowers	G4	15	4.65E+03	3.59E+02	1.88E+02	9.88E-03	6.48E-03	5.39E-01	2.65E-05	3.70E-04	9.28E-01	7.55E-04	5.76E-04	1.17E+00	389
Front Mowers	G4	25	1.13E+02	8.37E+01	5.82E+01	2.59E-03	1.90E-03	1.71E-01	7.17E-06	1.31E-04	2.83E-01	2.01E-04	1.51E-04	3.48E-01	115
Front Mowers	G4	25	3.64E+03	2.81E+02	1.97E+02	1.03E-02	6.17E-03	5.82E-01	2.41E-05	3.79E-04	9.50E-01	6.56E-04	5.99E-04	1.17E+00	386
Shredders	G4	5	1.13E+02	4.20E+01	1.12E+01	1.44E-03	6.51E-04	2.50E-02	2.19E-06	2.07E-05	6.36E-02	8.20E-05	8.40E-05	9.07E-02	30
Shredders	G4	5	4.20E+03	1.03E+01	3.50E+00	3.32E-04	1.02E-04	1.07E-02	5.41E-07	3.52E-05	1.57E-02	1.58E-05	1.93E-05	2.10E-02	7
Lawn & Garden Tractors	G4	15	5.75E+02	2.03E+02	1.26E+02	4.87E-03	3.57E-03	3.60E-01	1.80E-05	2.48E-04	6.33E-01	4.24E-04	2.84E-04	7.70E-01	255
Lawn & Garden Tractors	G4	15	3.73E+03	1.49E+02	9.40E+01	4.38E-03	3.02E-03	2.70E-01	1.33E-05	1.70E-04	4.67E-01	3.34E-04	2.55E-04	5.75E-01	191
Lawn & Garden Tractors	G4	25	2.27E+02	7.99E+01	7.91E+01	3.02E-03	2.11E-03	2.33E-01	9.77E-06	1.51E-04	3.86E-01	2.08E-04	1.76E-04	4.54E-01	150
Lawn & Garden Tractors	G4	25	1.47E+03	5.89E+01	5.89E+01	2.75E-03	1.70E-03	1.74E-01	7.21E-06	1.03E-04	2.84E-01	1.59E-04	1.60E-04	3.37E-01	112
Lawn & Garden Tractors	G4	50	3.28E+00	9.35E-01	1.45E+00	2.97E-05	5.89E-05	1.10E-03	1.47E-07	9.27E-07	1.21E-02	3.60E-06	1.73E-06	1.33E-02	4
Wood Splitters	G4	5	1.93E+02	6.80E+01	1.96E+01	2.04E-03	5.19E-04	4.46E-02	3.84E-06	3.26E-04	1.11E-01	9.08E-05	1.19E-04	1.42E-01	47
Wood Splitters	G4	5	4.83E+03	1.45E+01	5.22E+00	4.17E-04	1.13E-04	1.60E-02	8.20E-07	4.24E-05	2.37E-02	1.92E-05	2.43E-05	3.02E-02	10
Chippers/Stump Grinders	G4	15	2.72E+00	9.41E+00	7.81E+00	6.09E-04	4.51E-04	2.22E-02	1.09E-06	3.20E-04	3.82E-02	3.34E-05	3.50E-05	4.93E-02	16
Chippers/Stump Grinders	G4	15	4.86E+00	2.20E-01	1.92E-01	1.44E-05	7.08E-06	5.74E-04	2.54E-08	6.74E-06	8.92E-04	6.34E-07	8.37E-07	1.11E-03	0
Chippers/Stump Grinders	G4	25	1.55E+01	5.34E+01	7.47E+01	5.97E-03	3.88E-03	2.18E-01	9.00E-06	2.98E-03	3.55E-01	2.37E-04	3.43E-04	4.36E-01	144
Chippers/Stump Grinders	G4	25	2.75E+01	1.24E+00	1.80E+00	1.28E-04	5.93E-05	5.48E-03	2.09E-07	6.24E-05	8.26E-03	4.42E-06	7.46E-06	9.79E-03	3
Commercial Turf Equipment	G4	15	2.04E+02	4.46E+02	2.34E+02	1.34E-02	9.59E-03	6.65E-01	3.31E-05	6.49E-04	1.16E+00	1.04E-03	7.74E-04	1.50E+00	496
Commercial Turf Equipment	G4	25	1.00E+02	2.20E+02	2.05E+02	1.11E-02	8.46E-03	6.01E-01	2.50E-05	5.52E-04	9.88E-01	6.97E-04	6.44E-04	1.22E+00	403
Commercial Turf Equipment	G4	50	4.04E+01	8.12E+01	1.33E+02	4.02E-03	6.11E-03	1.85E-01	1.19E-05	7.52E-05	9.82E-01	3.53E-04	2.34E-04	1.10E+00	363
Commercial Turf Equipment	G4	120	2.67E-01	5.37E-01	1.31E+00	5.72E-06	3.43E-05	3.07E-04	1.17E-07	9.41E-07	1.21E-02	2.23E-06	3.33E-07	1.28E-02	4
Other Lawn & Garden Equipment	G4	5	1.79E+02	3.36E+01	6.77E+00	5.92E-04	1.49E-04	1.66E-02	1.27E-06	9.70E-05	3.69E-02	3.35E-05	3.45E-05	4.80E-02	16
Other Lawn & Garden Equipment	G4	5	5.48E+03	6.45E+01	1.56E+01	1.46E-03	3.58E-04	4.69E-02	2.45E-06	1.39E-04	7.09E-02	7.10E-05	8.53E-05	9.47E-02	31
Other Lawn & Garden Equipment	G4	15	7.94E+01	1.49E+01	6.53E+00	2.57E-04	1.88E-04	1.86E-02	9.34E-07	1.30E-05	3.28E-02	2.61E-05	1.50E-05	4.12E-02	14
Other Lawn & Garden Equipment	G4	15	2.43E+03	2.87E+01	1.31E+01	6.77E-04	4.17E-04	3.88E-02	1.79E-06	2.17E-05	6.29E-02	5.39E-05	3.94E-05	8.05E-02	27
Other Lawn & Garden Equipment	G4	25	1.68E+00	3.15E-01	3.02E-01	1.17E-05	8.20E-06	8.89E-04	3.73E-08	5.84E-07	1.47E-03	8.11E-07	6.83E-07	1.74E-03	1
Other Lawn & Garden Equipment	G4	25	5.17E+01	6.09E-01	6.05E-01	3.06E-05	1.70E-05	1.83E-03	7.21E-08	9.79E-07	2.84E-03	1.62E-06	1.78E-06	3.38E-03	1
Other Lawn & Garden Equipment	G4	50	1.22E-01	2.03E-02	4.35E-02	9.50E-07	1.94E-06	3.19E-05	4.45E-09	2.80E-08	3.66E-04	9.75E-08	5.53E-08	3.97E-04	0
Other Lawn & Garden Equipment	G4	120	2.92E-01	4.87E-02	2.70E-01	3.98E-06	1.82E-05	8.41E-05	2.38E-08	1.91E-07	2.46E-03	4.79E-07	2.32E-07	2.61E-03	1
Leaf Blowers/Vacuums	D	15	1.94E-01	6.39E-02	8.77E-03	1.01E-07	7.12E-07	5.87E-07	1.50E-09	3.29E-08	9.61E-05	0.00E+00	9.14E-09	9.63E-05	0
Leaf Blowers/Vacuums	D	120	1.70E-01	5.59E-02	1.24E-01	1.68E-06	1.28E-05	8.08E-06	1.59E-08	8.88E-07	1.36E-03	0.00E+00	1.51E-07	1.36E-03	0
Leaf Blowers/Vacuums	D	250	4.86E-02	1.60E-02	7.25E-02	4.16E-07	6.11E-06	1.58E-06	9.01E-09	1.60E-07	8.01E-04	0.00E+00	3.75E-08	8.01E-04	0
Snowblowers	D	175	5.39E-02	5.96E-02	3.61E-01	3.87E-06	3.50E-05	2.07E-05	4.45E-08	1.74E-06	3.96E-03	0.00E+00	3.49E-07	3.96E-03	1
Snowblowers	D	250	9.17E-01	1.01E+00	9.27E+00	6.51E-05	8.32E-04	2.17E-04	1.15E-06	2.43E-05	1.02E-01	0.00E+00	5.88E-06	1.02E-01	34
Snowblowers	D	500	2.75E+00	3.04E+00	4.12E+01	2.62E-04	3.34E-03	9.85E-04	4.46E-06	1.02E-04	4.54E-01	0.00E+00	2.36E-05	4.55E-01	151
Lawn & Garden Tractors	D	15	4.69E+02	6.99E+02	2.96E+02	3.47E-03	2.44E-02	1.98E-02	5.05E-05	1.20E-03	3.25E+00	0.00E+00	3.13E-04	3.25E+00	1,077
Lawn & Garden Tractors	D	25	3.67E+02	5.47E+02	3.56E+02	4.76E-03	3.04E-02	1.61E-02	4.96E-05	1.41E-03	3.91E+00	0.00E+00	4.30E-04	3.92E+00	1,297
Chippers/Stump Grinders	D	25	2.19E-01	2.79E-01	2.55E-01	3.39E-06	2.14E-05	1.15E-05	3.56E-08	8.58E-07	2.80E-03	0.00E+00	3.06E-07	2.81E-03	1
Chippers/Stump Grinders	D	120	6.03E+00	7.68E+00	2.67E+01	4.39E-04	2.96E-03	1.88E-03	3.42E-06	2.41E-04	2.91E-01	0.00E+00	3.96E-05	2.92E-01	97
Chippers/Stump Grinders	D	175	4.13E-01	5.26E-01	3.16E+00	3.49E-05	3.11E-04	1.85E-04	3.90E-07	1.58E-05	3.47E-02	0.00E+00	3.15E-06	3.47E-02	11
Chippers/Stump Grinders	D	250	9.72E-02	1.24E-01	1.25E+00	9.10E-06	1.14E-04	2.98E-05	1.55E-07	3.40E-06	1.38E-02	0.00E+00	8.21E-07	1.38E-02	5
Chippers/Stump Grinders	D	500	8.99E-01	1.15E+00	1.28E+01	8.39E-05	1.04E-03	3.23E-04	1.39E-06	3.25E-05	1.41E-01	0.00E+00	7.57E-06	1.42E-01	47
Chippers/Stump Grinders	D	750	1.02E+00	1.30E+00	3.50E+01	2.36E-04	2.95E-03	8.84E-04	3.89E-06	9.04E-05	3.86E-01	0.00E+00	2.13E-05	3.87E-01	128
Chippers/Stump Grinders	D	1000	1.94E+00	2.47E+00	9.50E+01	8.41E-04	1.08E-02	2.98E-03	1.05E-05	3.03E-04	1.05E+00	0.00E+00	7.59E-05	1.05E+00	347
Commercial Turf Equipment	D	15	1.18E+01	3.46E+01	1.52E+01	1.73E-04	1.21E-03	1.02E-03	2.59E-06	4.85E-05	1.67E-01	0.00E+00	1.56E-05	1.67E-01	55
Commercial Turf Equipment	D	25	2.22E+02	6.49E+02	4.28E+02	5.67E-03	3.58E-02	1.93E-02	5.96E-05	1.37E-03	4.70E+00	0.00E+00	5.12E-04	4.71E+00	1,560
Other Lawn & Garden Equipment	D	15	1.70E-01	2.02E-01	1.13E-01	1.29E-06	9.03E-06	7.52E-06	1.92E-08	3.79E-07	1.23E-03	0.00E+00	1.16E-07	1.23E-03	0
Other Lawn & Garden Equipment	D	25	2.43E-02	2.88E-02	2.14E-02	2.84E-07	1.80E-06	9.67E-07	2.98E-09	7.19E-08	2.35E-04	0.00E+00	2.56E-08	2.35E-04	0
			313,073	30,990	5,900	0.934	0.249	11.385	0.001	0.034	37.405	0.025	0.058	46.247	15,313
			Population	Activity	Consumption	lbs/day					Tons/Day				MTons/Year
			36,154	3,579	681	216	58	2,630	0	8	4	0	0	5	**1,768**

As a percent of 2010 Total Housing Units Fresno County 289,391 Clovis 33,419 Percent 12%

SOURCE: U.S. Census Bureau, 2010.

http://factfinder2.census.gov/faces/tableservices/jsf/pages/productview.xhtml?src=bkmk

http://www.census.gov/popest/data/cities/totals/2011/index.html

Lawn & Garden Equipment	Fuel	MaxHP	Population	Activity	Tons/Day Consumption	ROG Exhaust	NOX Exhaust	CO Exhaust	SO2 Exhaust	PM Exhaust	CO2 Exhaust	N2O Exhaust	CH4 Exhaust	CO2e	MTons/Year CO2e
Lawn Mowers	G2	15	8.74E+02	5.47E+02	6.24E+01	8.27E-03	3.85E-03	1.26E-01	1.54E-05	1.18E-03	3.73E-01	7.15E-04	5.14E-04	6.06E-01	201
Lawn Mowers	G2	15	6.56E+03	2.79E+02	5.16E+01	2.73E-02	9.54E-04	1.30E-01	7.82E-06	1.33E-03	1.90E-01	2.30E-04	1.70E-03	2.97E-01	98
Chainsaws	G2	2	1.57E+03	1.24E+03	7.42E+01	6.23E-02	1.01E-03	1.12E-01	1.25E-05	1.76E-04	3.02E-01	5.14E-04	3.87E-03	5.43E-01	180
Chainsaws	G2	2	1.76E+04	2.36E+02	1.87E+01	1.43E-02	1.78E-04	4.34E-02	2.37E-06	2.90E-04	5.76E-02	9.23E-05	8.88E-04	1.05E-01	35
Chainsaws	G2	15	1.10E+03	8.74E+02	1.26E+02	1.06E-01	1.73E-03	1.91E-01	2.12E-05	3.00E-04	5.15E-01	5.79E-04	6.60E-03	8.33E-01	276
Chainsaws	G2	15	1.24E+04	1.66E+02	2.79E+01	1.98E-02	2.89E-04	6.09E-02	4.04E-06	5.36E-04	9.81E-02	1.01E-04	1.23E-03	1.55E-01	51
Chainsaws Preempt	G2	15	1.37E+03	1.09E+03	1.61E+02	1.33E-01	2.03E-03	2.57E-01	2.64E-05	3.73E-04	6.41E-01	7.00E-04	8.24E-03	1.03E+00	341
Chainsaws Preempt	G2	15	1.54E+04	2.07E+02	4.06E+01	3.18E-02	2.63E-04	9.43E-02	5.03E-06	4.60E-04	1.22E-01	1.08E-04	1.97E-03	1.97E-01	65
Trimmers/Edgers/Brush Cutters	G2	2	5.10E+03	1.70E+03	7.55E+01	4.11E-02	1.21E-03	1.34E-01	1.49E-05	2.10E-04	3.62E-01	6.54E-04	2.56E-03	6.18E-01	205
Trimmers/Edgers/Brush Cutters	G2	2	5.69E+04	3.35E+03	1.64E+02	9.74E-02	2.83E-03	3.16E-01	2.94E-05	1.50E-03	7.14E-01	1.40E-03	6.05E-03	1.27E+00	422
Leaf Blowers/Vacuums	G2	2	7.62E+03	4.10E+03	2.19E+02	1.52E-01	3.25E-03	3.59E-01	4.00E-05	5.65E-04	9.70E-01	1.67E-03	9.47E-03	1.69E+00	559
Leaf Blowers/Vacuums	G2	2	1.97E+04	2.58E+02	1.98E+01	1.52E-02	1.89E-04	4.61E-02	2.52E-06	3.07E-04	6.11E-02	9.93E-05	9.42E-04	1.12E-01	37
Snowblowers	G2	15	1.77E+01	2.10E+00	3.94E-01	1.31E-04	7.01E-06	7.74E-04	8.61E-08	1.22E-06	2.09E-03	1.84E-06	8.11E-06	2.83E-03	1
Snowblowers	G2	15	1.60E+02	7.95E-01	2.30E-01	1.67E-04	2.23E-06	5.03E-04	3.26E-08	4.68E-06	7.91E-04	6.21E-07	1.04E-05	1.20E-03	0
Snowblowers	G2	25	4.87E-02	5.78E-03	2.89E-03	9.56E-07	5.14E-08	5.67E-06	6.31E-10	8.92E-09	1.53E-05	8.54E-09	5.94E-08	1.92E-05	0
Snowblowers	G2	25	1.46E-01	7.27E-04	5.38E-04	4.35E-07	4.71E-09	1.02E-06	7.94E-11	1.14E-08	1.93E-06	8.52E-10	2.70E-08	2.76E-06	0
Shredders	G2	15	3.85E+01	1.43E+01	6.28E+00	3.53E-04	2.71E-04	1.70E-02	1.34E-06	2.73E-04	3.25E-02	3.17E-05	2.19E-05	4.28E-02	14
Shredders	G2	15	1.37E+03	3.38E+00	2.25E+00	1.38E-03	3.39E-05	5.57E-03	3.16E-07	6.44E-05	7.68E-03	4.83E-06	8.55E-05	1.10E-02	4
Commercial Turf Equipment	G2	15	2.04E+01	4.48E+01	1.88E+01	1.33E-03	8.89E-04	5.17E-02	3.93E-06	4.44E-05	9.53E-02	1.02E-04	8.25E-05	1.29E-01	43
Commercial Turf Equipment	G2	25	1.01E+01	2.21E+01	2.01E+01	1.41E-03	8.48E-04	5.66E-02	4.09E-06	4.63E-05	9.93E-02	7.12E-05	8.76E-05	1.23E-01	41
Other Lawn & Garden Equipment	G2	2	8.63E+00	1.62E+00	9.18E-02	4.77E-05	1.76E-06	1.65E-04	1.83E-08	2.59E-07	4.45E-04	7.79E-07	2.97E-06	7.49E-04	0
Other Lawn & Garden Equipment	G2	2	2.65E+02	3.12E+00	2.77E-01	2.12E-04	2.65E-06	6.45E-04	3.52E-08	4.30E-06	8.55E-04	1.30E-06	1.32E-05	1.53E-03	1
Other Lawn & Garden Equipment	G2	15	3.76E+00	7.06E-01	2.00E-01	1.04E-04	3.83E-06	3.58E-04	3.99E-08	5.64E-07	9.69E-04	8.00E-07	6.45E-06	1.35E-03	0
Other Lawn & Garden Equipment	G2	15	1.15E+02	1.36E+00	5.29E-01	3.74E-04	5.48E-06	1.16E-03	7.67E-08	1.02E-05	1.86E-03	1.29E-06	2.33E-05	2.75E-03	1
Lawn Mowers	G4	5	5.18E+03	3.24E+03	3.84E+02	5.28E-02	2.37E-02	8.22E-01	7.63E-05	6.97E-03	2.21E+00	4.24E-03	3.04E-03	3.59E+00	1,187
Lawn Mowers	G4	5	8.20E+04	3.48E+03	5.73E+02	9.11E-02	1.62E-02	1.79E+00	8.20E-05	5.62E-03	2.37E+00	3.57E-03	5.25E-03	3.59E+00	1,189
Tillers	G4	5	5.37E+02	8.22E+01	1.21E+01	1.51E-03	5.53E-04	3.12E-02	2.15E-06	1.64E-04	6.23E-02	1.03E-04	8.77E-05	9.60E-02	32
Tillers	G4	5	2.09E+03	1.03E+02	1.91E+01	3.21E-03	5.27E-04	5.97E-02	2.69E-06	1.92E-04	7.79E-02	1.11E-04	1.87E-04	1.16E-01	39
Trimmers/Edgers/Brush Cutters	G4	5	9.45E+02	3.51E+02	1.06E+01	1.35E-03	6.11E-04	2.36E-02	2.07E-06	1.95E-05	5.98E-02	2.14E-04	7.89E-05	1.28E-01	42
Trimmers/Edgers/Brush Cutters	G4	5	4.40E+03	2.59E+02	1.18E+01	2.43E-03	2.91E-04	3.86E-02	1.53E-06	1.84E-04	4.42E-02	1.25E-04	1.42E-04	8.58E-02	28
Leaf Blowers/Vacuums	G4	5	2.41E+02	4.10E+01	2.68E+00	2.62E-04	1.18E-04	6.95E-03	4.82E-07	3.27E-05	1.40E-02	3.27E-05	1.53E-05	2.44E-02	8
Leaf Blowers/Vacuums	G4	5	2.07E+02	2.72E+00	2.32E-01	3.31E-05	5.52E-06	7.53E-04	3.20E-08	1.83E-06	9.27E-04	1.79E-06	1.93E-06	1.52E-03	1
Snowblowers	G4	5	1.92E+02	2.28E+01	3.02E+00	2.53E-04	1.14E-04	8.31E-03	5.21E-07	3.03E-05	1.51E-02	2.44E-05	1.48E-05	2.30E-02	8
Snowblowers	G4	5	1.73E+03	8.59E+00	1.41E+00	1.81E-04	3.29E-05	4.61E-03	1.97E-07	1.04E-05	5.69E-03	7.96E-06	1.05E-05	8.38E-03	3
Snowblowers	G4	15	1.45E+02	1.72E+01	5.14E+00	2.66E-04	1.98E-04	1.46E-02	7.32E-07	8.94E-06	2.57E-02	2.88E-05	1.55E-05	3.49E-02	12
Snowblowers	G4	15	1.31E+03	6.50E+00	2.13E+00	1.26E-04	7.16E-05	6.60E-03	2.76E-07	3.23E-06	9.69E-03	1.06E-05	7.33E-06	1.31E-02	4
Snowblowers	G4	25	4.39E-01	5.20E-02	2.84E-02	1.51E-06	9.85E-07	8.33E-05	3.49E-09	4.80E-08	1.38E-04	1.13E-07	8.80E-08	1.75E-04	0
Snowblowers	G4	25	3.80E+00	1.89E-02	1.12E-02	6.44E-07	3.35E-07	3.51E-05	1.27E-09	1.67E-08	5.01E-05	3.96E-08	3.75E-08	6.32E-05	0
Rear Engine Riding Mowers	G4	15	2.83E+03	2.11E+03	6.87E+02	4.53E-02	3.38E-02	1.94E+00	9.72E-05	1.58E-03	3.41E+00	4.19E-03	2.64E-03	4.77E+00	1,578
Rear Engine Riding Mowers	G4	15	2.49E+03	1.92E+02	6.75E+01	5.27E-03	2.36E-03	2.04E-01	8.86E-06	1.23E-04	3.11E-01	3.32E-04	3.07E-04	4.20E-01	139
Rear Engine Riding Mowers	G4	25	1.30E+01	9.63E+00	6.11E+00	4.14E-04	2.70E-04	1.78E-02	7.47E-07	1.37E-05	2.95E-02	2.58E-05	2.41E-05	3.80E-02	13
Rear Engine Riding Mowers	G4	25	1.12E+01	8.64E-01	5.79E-01	4.21E-05	1.77E-05	1.78E-03	6.69E-08	1.04E-06	2.64E-03	1.96E-06	2.45E-06	3.30E-03	1
Front Mowers	G4	15	1.30E+02	9.66E+01	5.03E+01	3.32E-03	2.47E-03	1.42E-01	7.12E-06	1.16E-04	2.50E-01	2.47E-04	1.93E-04	3.30E-01	109
Front Mowers	G4	15	4.20E+03	3.24E+02	1.82E+02	1.42E-02	6.38E-03	5.51E-01	2.39E-05	3.31E-04	8.39E-01	7.20E-04	8.28E-04	1.08E+00	357
Front Mowers	G4	25	1.02E+02	7.56E+01	5.31E+01	3.59E-03	2.34E-03	1.54E-01	6.48E-06	1.19E-04	2.56E-01	2.14E-04	2.09E-04	3.26E-01	108
Front Mowers	G4	25	3.29E+03	2.54E+02	1.88E+02	1.37E-02	5.76E-03	5.77E-01	2.18E-05	3.40E-04	8.59E-01	6.07E-04	7.98E-04	1.06E+00	352
Shredders	G4	5	1.02E+02	3.79E+01	1.02E+01	1.30E-03	5.87E-04	2.26E-02	1.98E-06	1.87E-05	5.74E-02	7.40E-05	7.57E-05	8.20E-02	27
Shredders	G4	5	3.79E+03	9.35E+00	3.60E+00	4.92E-04	8.14E-05	1.19E-02	4.89E-07	4.66E-05	1.42E-02	1.34E-05	2.87E-05	1.89E-02	6
Lawn & Garden Tractors	G4	15	5.20E+02	1.83E+02	1.15E+02	6.57E-03	4.89E-03	3.25E-01	1.63E-05	2.24E-04	5.72E-01	4.79E-04	3.83E-04	7.28E-01	241
Lawn & Garden Tractors	G4	15	3.37E+03	1.35E+02	9.04E+01	5.91E-03	3.14E-03	2.73E-01	1.20E-05	1.53E-04	4.22E-01	3.28E-04	3.45E-04	5.30E-01	176
Lawn & Garden Tractors	G4	25	2.05E+02	7.22E+01	7.21E+01	4.23E-03	2.76E-03	2.11E-01	8.83E-06	1.37E-04	3.48E-01	2.28E-04	2.46E-04	4.24E-01	141
Lawn & Garden Tractors	G4	25	1.33E+03	5.32E+01	5.60E+01	3.48E-03	1.68E-03	1.72E-01	6.51E-06	9.30E-05	2.57E-01	1.52E-04	2.03E-04	3.08E-01	102
Lawn & Garden Tractors	G4	50	2.97E+00	8.45E-01	1.34E+00	4.46E-05	9.09E-05	1.16E-03	1.33E-07	8.38E-07	1.09E-02	4.52E-06	2.60E-06	1.24E-02	4
Wood Splitters	G4	5	1.74E+02	6.15E+01	1.79E+01	2.24E-03	1.01E-03	4.04E-02	3.47E-06	2.94E-04	1.00E-01	1.24E-04	1.30E-04	1.42E-01	47
Wood Splitters	G4	5	4.36E+03	1.31E+01	5.27E+00	6.53E-04	1.25E-04	1.71E-02	7.41E-07	3.82E-05	2.15E-02	1.97E-05	3.80E-05	2.84E-02	9
Chippers/Stump Grinders	G4	15	2.46E+00	8.50E+00	7.09E+00	5.65E-04	4.04E-04	2.02E-02	9.85E-07	2.90E-04	3.45E-02	3.01E-05	3.25E-05	4.45E-02	15
Chippers/Stump Grinders	G4	15	4.39E+00	1.99E-01	1.85E-01	1.52E-05	6.34E-06	5.85E-04	2.30E-08	4.12E-06	8.06E-04	5.70E-07	8.87E-07	1.00E-03	0
Chippers/Stump Grinders	G4	25	1.40E+01	4.83E+01	6.77E+01	5.50E-03	3.47E-03	1.99E-01	8.13E-06	2.69E-03	3.21E-01	2.13E-04	3.16E-04	3.93E-01	130
Chippers/Stump Grinders	G4	25	2.49E+01	1.12E+00	1.72E+00	1.32E-04	5.37E-05	5.50E-03	1.89E-07	3.82E-05	7.47E-03	4.00E-06	7.70E-06	8.87E-03	3
Commercial Turf Equipment	G4	15	1.84E+02	4.03E+02	2.19E+02	1.91E-02	1.18E-02	6.28E-01	2.99E-05	5.86E-04	1.05E+00	1.10E-03	1.11E-03	1.41E+00	468
Commercial Turf Equipment	G4	25	9.06E+01	1.99E+02	1.90E+02	1.64E-02	9.20E-03	5.58E-01	2.26E-05	4.99E-04	8.93E-01	6.93E-04	9.50E-04	1.13E+00	373
Commercial Turf Equipment	G4	50	3.65E+01	7.34E+01	1.16E+02	5.57E-03	7.77E-03	1.35E-01	1.08E-05	6.79E-05	8.87E-01	3.91E-04	3.24E-04	1.01E+00	336
Commercial Turf Equipment	G4	120	2.42E-01	4.85E-01	1.21E+00	1.33E-05	5.80E-05	4.33E-04	1.06E-07	8.50E-07	1.10E-02	2.68E-06	7.75E-07	1.18E-02	4
Other Lawn & Garden Equipment	G4	5	1.61E+02	3.03E+01	6.30E+00	7.31E-04	3.03E-04	1.57E-02	1.15E-06	8.73E-05	3.33E-02	4.68E-05	4.26E-05	4.87E-02	16
Other Lawn & Garden Equipment	G4	5	4.95E+03	5.83E+01	1.60E+01	2.24E-03	3.80E-04	5.19E-02	2.21E-06	1.25E-04	6.40E-02	7.17E-05	1.31E-04	8.90E-02	29
Other Lawn & Garden Equipment	G4	15	7.17E+01	1.35E+01	6.00E+00	3.63E-04	2.51E-04	1.71E-02	8.44E-07	1.17E-05	2.96E-02	2.91E-05	2.12E-05	3.91E-02	13
Other Lawn & Garden Equipment	G4	15	2.20E+03	2.59E+01	1.25E+01	7.82E-04	4.24E-04	3.86E-02	1.62E-06	1.95E-05	5.69E-02	5.21E-05	4.55E-05	7.40E-02	25
Other Lawn & Garden Equipment	G4	25	1.52E+00	2.85E-01	2.76E-01	1.69E-05	1.04E-05	8.11E-04	3.37E-08	5.26E-07	1.33E-03	8.78E-07	9.85E-07	1.62E-03	1
Other Lawn & Garden Equipment	G4	25	4.67E+01	5.50E-01	5.72E-01	3.46E-05	1.74E-05	1.79E-03	6.51E-08	8.82E-07	2.57E-03	1.57E-06	2.02E-06	3.10E-03	1
Other Lawn & Garden Equipment	G4	50	1.10E-01	1.83E-02	4.03E-02	1.32E-06	2.78E-06	3.40E-05	4.02E-09	2.53E-08	3.31E-04	1.18E-07	7.69E-08	3.69E-04	0
Other Lawn & Garden Equipment	G4	120	2.64E-01	4.40E-02	2.51E-01	6.11E-06	2.71E-05	1.09E-04	2.15E-08	1.72E-07	2.22E-03	5.95E-07	3.56E-07	2.42E-03	1
Leaf Blowers/Vacuums	D	15	1.76E-01	5.78E-02	7.94E-03	1.26E-07	8.87E-07	5.55E-07	1.26E-08	5.84E-08	8.68E-05	0.00E+00	1.14E-08	8.71E-05	0
Leaf Blowers/Vacuums	D	120	1.54E-01	5.05E-02	1.13E-01	2.53E-06	1.62E-05	7.85E-06	1.34E-07	1.18E-06	1.23E-03	0.00E+00	2.28E-07	1.23E-03	0
Leaf Blowers/Vacuums	D	250	4.39E-02	1.44E-02	6.57E-02	6.93E-07	8.31E-06	2.19E-06	7.60E-08	2.54E-07	7.24E-04	0.00E+00	6.26E-08	7.25E-04	0
Snowblowers	D	175	4.87E-02	5.39E-02	3.27E-01	5.41E-06	4.59E-05	1.90E-05	3.76E-07	2.21E-06	3.58E-03	0.00E+00	4.88E-07	3.59E-03	1
Snowblowers	D	250	8.29E-01	9.16E-01	8.41E+00	1.02E-04	1.13E-03	2.98E-04	9.71E-06	3.86E-05	9.25E-02	0.00E+00	9.17E-06	9.27E-02	31
Snowblowers	D	500	2.49E+00	2.75E+00	3.73E+01	4.10E-04	4.69E-03	1.47E-03	3.76E-05	1.58E-04	4.11E-01	0.00E+00	3.70E-05	4.11E-01	136
Lawn & Garden Tractors	D	15	4.24E+02	6.32E+02	2.69E+02	4.53E-03	3.16E-02	1.95E-02	4.26E-04	2.04E-03	2.93E+00	0.00E+00	4.09E-04	2.94E+00	974
Lawn & Garden Tractors	D	25	3.32E+02	4.94E+02	3.22E+02	5.19E-03	3.43E-02	1.78E-02	4.18E-04	2.14E-03	3.53E+00	0.00E+00	4.68E-04	3.54E+00	1,172
Chippers/Stump Grinders	D	25	1.98E-01	2.52E-01	2.31E-01	3.77E-06	2.37E-05	1.12E-05	3.00E-07	1.48E-06	2.53E-03	0.00E+00	3.40E-07	2.54E-03	1
Chippers/Stump Grinders	D	120	5.45E+00	6.94E+00	2.42E+01	6.24E-04	3.75E-03	1.82E-03	2.88E-05	3.08E-04	2.63E-01	0.00E+00	5.63E-05	2.65E-01	88
Chippers/Stump Grinders	D	175	3.73E-01	4.76E-01	2.86E+00	4.82E-05	4.08E-04	1.72E-04	3.29E-06	2.01E-05	3.13E-02	0.00E+00	4.35E-06	3.14E-02	10
Chippers/Stump Grinders	D	250	8.79E-02	1.12E-01	1.13E+00	1.41E-05	1.54E-04	4.15E-05	1.31E-06	5.46E-06	1.24E-02	0.00E+00	1.27E-06	1.25E-02	4
Chippers/Stump Grinders	D	500	8.13E-01	1.04E+00	1.16E+01	1.29E-04	1.47E-03	5.24E-04	1.17E-05	5.11E-05	1.28E-01	0.00E+00	1.17E-05	1.28E-01	42
Chippers/Stump Grinders	D	750	9.22E-01	1.17E+00	3.18E+01	3.63E-04	4.11E-03	1.43E-03	3.28E-05	1.41E-04	3.49E-01	0.00E+00	3.28E-05	3.50E-01	116
Chippers/Stump Grinders	D	1000	1.76E+00	2.24E+00	8.63E+01	1.18E-03	1.26E-02	4.63E-03	8.87E-05	4.18E-04	9.46E-01	0.00E+00	1.06E-04	9.48E-01	314
Commercial Turf Equipment	D	15	1.07E+01	3.12E+01	1.38E+01	2.03E-04	1.43E-03	9.28E-04	2.19E-05	9.77E-05	1.51E-01	0.00E+00	1.83E-05	1.51E-01	50
Commercial Turf Equipment	D	25	2.01E+02	5.87E+02	3.87E+02	5.64E-03	3.89E-02	1.79E-02	5.03E-04	2.36E-03	4.25E+00	0.00E+00	5.08E-04	4.26E+00	1,410
Other Lawn & Garden Equipment	D	15	1.54E-01	1.82E-01	1.02E-01	1.57E-06	1.10E-05	7.00E-06	1.62E-07	7.37E-07	1.11E-03	0.00E+00	1.41E-07	1.12E-03	0
Other Lawn & Garden Equipment	D	25	2.20E-02	2.60E-02	1.93E-02	2.88E-07	1.98E-06	9.38E-07	2.51E-08	1.20E-07	2.12E-04	0.00E+00	2.60E-08	2.13E-04	0
			282,921	28,005	5,562	1.048	0.299	11.209	0.002	0.037	33.803	0.026	0.064	43.197	14,303
			Population	Activity	Consumption	lbs/day					Tons/Day				MTons/Year
			32,672	3,234	642	242	69	2,589	1	8	4	0	0	5	1,652

As a percent of 2010 Total Housing Units — Fresno County 289,391 — Clovis 33,419 — Percent 12%

SOURCE: U.S. Census Bureau, 2010.

http://factfinder2.census.gov/faces/nav/jsf/pages/community_facts.xhtml

STATIONARY (PERMITTED SOURCES)

1. Table summarizes combustion equipment fuel consumption and criteria pollutant emissions by facilities with SJVAPCD permits within the Clovis project area 2008-2012.

2. Since there was only one electric generation facility within the area, its data was included with the industrial sector.

3. Non-combustion emissions are not included e.g. ROG emissions from gas stations, solvent evaporation from painting, etc.

Year	Sector	Fuel Type	Amount Used	Units	ROG (tons per year)	NOx (tons per year)	CO (tons per year)	SOx (tons per year)	PM10 (tons per year)
2010	COMMERCIAL	DIST.OIL/DIESEL	47.1712	1000 GALLONS	0.7729	5.1033	0.8322	0.0281	0.1589
2010	COMMERCIAL	LPG/PROPANE	13.2590	1000 GALLONS	0.0071	0.0933	0.0262	0.0101	0.0031
2010	COMMERCIAL	NATURAL GAS	18.5575	MILLION CUBIC FEET	0.0223	0.7631	0.3780	0.0270	0.2106
2010	COMMERCIAL	WASTE GAS	87.0000	MILLION CUBIC FEET	0.0001	0.6525	2.6100	0.4307	0.4437
2010	INDUSTRIAL	DIST.OIL/DIESEL	0.5666	1000 GALLONS	0.0045	0.0802	0.0097	0.0001	0.0030
2010	INDUSTRIAL	NATURAL GAS	59.8900	MILLION CUBIC FEET	0.5463	1.8698	3.0419	0.0563	0.1226
					1.3531	8.5622	6.8980	0.5522	0.9418
2011	COMMERCIAL	DIST.OIL/DIESEL	33.7937	1000 GALLONS	0.6675	3.2147	0.4887	0.0160	0.1147
2011	COMMERCIAL	LPG/PROPANE	13.1675	1000 GALLONS	0.0052	0.0930	0.0192	0.0101	0.0029
2011	COMMERCIAL	NATURAL GAS	10.2258	MILLION CUBIC FEET	0.0105	0.5409	0.1931	0.0138	0.0141
2011	COMMERCIAL	WASTE GAS	77.0000	MILLION CUBIC FEET	0.0001	0.5775	2.3100	0.3812	0.3927
2011	INDUSTRIAL	DIST.OIL/DIESEL	0.7832	1000 GALLONS	0.0054	0.1146	0.0107	0.0001	0.0047
2011	INDUSTRIAL	NATURAL GAS	54.5900	MILLION CUBIC FEET	0.2053	1.4285	2.0369	0.0496	0.1053
					0.8940	5.9692	5.0587	0.4707	0.6344
2012	COMMERCIAL	DIST.OIL/DIESEL	35.0979	1000 GALLONS	0.6765	3.3063	0.5080	0.0153	0.1161
2012	COMMERCIAL	LPG/PROPANE	13.1871	1000 GALLONS	0.0058	0.0932	0.0212	0.0101	0.0030
2012	COMMERCIAL	NATURAL GAS	17.1917	MILLION CUBIC FEET	0.0163	0.6689	0.3008	0.0241	0.2081
2012	COMMERCIAL	WASTE GAS	79.0000	MILLION CUBIC FEET	0.0001	0.5925	2.3700	0.3911	0.4029
2012	INDUSTRIAL	DIST.OIL/DIESEL	0.9565	1000 GALLONS	0.0062	0.1422	0.0115	0.0001	0.0060
2012	INDUSTRIAL	NATURAL GAS	62.2900	MILLION CUBIC FEET	0.2561	1.4182	2.0743	0.0602	0.1299
					0.9609	6.2212	5.2857	0.5008	0.8660
				2010-2012 Average	**1.0694**	**6.9175**	**5.7474**	**0.5079**	**0.8141**

Source: SJVAPCD

1. Table summarizes combustion equipment fuel consumption and criteria pollutant emissions by facilities with SJVAPCD permits within the Clovis project area 2008-2012.
2. Since there was only one electric generation facility within the area, its data was included with the industrial sector.
3. Non-combustion emissions are not included e.g. ROG emissions from gas stations, solvent evaporation from painting, etc.

Year	Sector	Fuel Type	Amount Used	Units	CO (tons per year)	NOx (tons per year)	PM10 (tons per year)	ROG (tons per year)	SOx (tons per year)
2008	COMMERCIAL	DIST.OIL/DIESEL	55.5901	1000 GALLONS	0.9077	5.9847	0.1682	0.7990	0.0717
2008	COMMERCIAL	LPG/PROPANE	13.4065	1000 GALLONS	0.0382	0.0941	0.0034	0.0104	0.0101
2008	COMMERCIAL	NATURAL GAS	11.1999	MILLION CUBIC FEET	0.1644	0.4026	0.1938	0.0091	0.0164
2008	INDUSTRIAL	DIST.OIL/DIESEL	0.5666	1000 GALLONS	0.0097	0.0802	0.0030	0.0045	0.0001
2008	INDUSTRIAL	NATURAL GAS	59.8900	MILLION CUBIC FEET	3.0419	1.8698	0.1226	0.5463	0.0563
2009	COMMERCIAL	DIST.OIL/DIESEL	50.3129	1000 GALLONS	0.8392	5.4935	0.1584	0.7890	0.0706
2009	COMMERCIAL	LPG/PROPANE	13.2100	1000 GALLONS	0.0222	0.0930	0.0030	0.0060	0.0101
2009	COMMERCIAL	NATURAL GAS	18.5935	MILLION CUBIC FEET	0.3777	0.7645	0.2105	0.0220	0.0270
2009	INDUSTRIAL	DIST.OIL/DIESEL	0.5666	1000 GALLONS	0.0097	0.0802	0.0030	0.0045	0.0001
2009	INDUSTRIAL	NATURAL GAS	59.8900	MILLION CUBIC FEET	3.0419	1.8698	0.1226	0.5463	0.0563
2010	COMMERCIAL	DIST.OIL/DIESEL	47.1712	1000 GALLONS	0.8322	5.1033	0.1589	0.7729	0.0281
2010	COMMERCIAL	LPG/PROPANE	13.2590	1000 GALLONS	0.0262	0.0933	0.0031	0.0071	0.0101
2010	COMMERCIAL	NATURAL GAS	18.5575	MILLION CUBIC FEET	0.3780	0.7631	0.2106	0.0223	0.0270
2010	COMMERCIAL	WASTE GAS	87.0000	MILLION CUBIC FEET	2.6100	0.6525	0.4437	0.0001	0.4307
2010	INDUSTRIAL	DIST.OIL/DIESEL	0.5666	1000 GALLONS	0.0097	0.0802	0.0030	0.0045	0.0001
2010	INDUSTRIAL	NATURAL GAS	59.8900	MILLION CUBIC FEET	3.0419	1.8698	0.1226	0.5463	0.0563
2011	COMMERCIAL	DIST.OIL/DIESEL	33.7937	1000 GALLONS	0.4887	3.2147	0.1147	0.6675	0.0160
2011	COMMERCIAL	LPG/PROPANE	13.1675	1000 GALLONS	0.0192	0.0930	0.0029	0.0052	0.0101
2011	COMMERCIAL	NATURAL GAS	10.2258	MILLION CUBIC FEET	0.1931	0.5409	0.0141	0.0105	0.0138
2011	COMMERCIAL	WASTE GAS	77.0000	MILLION CUBIC FEET	2.3100	0.5775	0.3927	0.0001	0.3812
2011	INDUSTRIAL	DIST.OIL/DIESEL	0.7832	1000 GALLONS	0.0107	0.1146	0.0047	0.0054	0.0001
2011	INDUSTRIAL	NATURAL GAS	54.5900	MILLION CUBIC FEET	2.0369	1.4285	0.1053	0.2053	0.0496
2012	COMMERCIAL	DIST.OIL/DIESEL	35.0979	1000 GALLONS	0.5080	3.3063	0.1161	0.6765	0.0153
2012	COMMERCIAL	LPG/PROPANE	13.1871	1000 GALLONS	0.0212	0.0932	0.0030	0.0058	0.0101
2012	COMMERCIAL	NATURAL GAS	17.1917	MILLION CUBIC FEET	0.3008	0.6689	0.2081	0.0163	0.0241
2012	COMMERCIAL	WASTE GAS	79.0000	MILLION CUBIC FEET	2.3700	0.5925	0.4029	0.0001	0.3911
2012	INDUSTRIAL	DIST.OIL/DIESEL	0.9565	1000 GALLONS	0.0115	0.1422	0.0060	0.0062	0.0001
2012	INDUSTRIAL	NATURAL GAS	62.2900	MILLION CUBIC FEET	2.0743	1.4182	0.1299	0.2561	0.0602

1. List of facilities permitted by the SJVAPCD that are within the Clovis project area.

2. Permit status "A" = Active, and "D" = Deleted. Deleted facilities may have been active in prior inventory years.

REGION	FACILITY ID	PERMIT STATUS	FACILITY NAME
C	102	A	CST CA STATIONS INC/CORNER STORE #3537
C	104	A	CST CA STATIONS INC/CORNER STORE #3491
C	166	A	BUGGY BATH CAR WASH (CHEVRON)
C	310	A	MARK'S CHEVRON
C	327	A	BOYETT PETROLEUM
C	343	A	CLOVIS UNIFIED SCHOOL DISTRICT
C	345	A	CLOVIS COMMUNITY HOSPITAL
C	349	A	CLOVIS BODY & PAINT
C	351	A	CITY OF CLOVIS
C	411	A	FUTURE FORD OF CLOVIS
C	435	A	DOUG FRANKLIN CLASSIC
C	465	A	SUPER EXPRESS (MARINDER SINGH)
C	488	A	FIBERGLASS UNLIMITED INC
C	561	D	SHIRMISS INC DBA GATEWAY SHELL
C	610	A	HEDRICK'S CHEVROLET
C	691	A	RED ROCKET (LAKHBIR SINGH)
C	701	A	JOHNNY QUIK FOOD STORE #151
C	702	A	HSG FARMERS INC (JOHNNY QUIK 149)
C	922	A	PELCO INC A DELAWARE CORPORATION
C	1005	A	RED TRIANGLE OIL COMPANY
C	1018	A	RENEWAL BODY WORKS, INC
C	1097	A	7-ELEVEN INC
C	1126	A	OLD TOWN SHELL
C	1159	A	SIERRA BODY & PAINT
C	1218	A	VILLA FOOD MART
C	1228	A	SHIRMISS INC DBA PEACH SHELL
C	1300	A	UNIVERSITY MARKET INC
C	1318	A	VALLEY CHROME PLATING INC
C	1408	A	ZJ'S AUTOBODY
C	1613	A	BUILDERS CONCRETE
C	1695	A	CLOVIS SHELL
C	1890	A	PAG CLOVIS T1 INC DBA BINGHAM TOYOTA
C	1943	A	CST CA STATIONS INC/CORNER STORE #3612
C	1987	A	PONDEROSA PAINT CO., INC.
C	2016	D	KEVIN'S CABINET CO INC
C	2095	A	HANDI STOP/VINOD NIJHAWAN
C	2189	A	VERIZON CALIFORNIA
C	2346	A	GARREKS INC
C	2350	A	CITY OF CLOVIS

C	2351	A	CITY OF CLOVIS
C	2737	A	CLOVIS CEMETERY
C	2761	A	ROSENBALM ROCKERY
C	2805	D	VALLEY FENCE COMPANY
C	2813	D	CITY OF CLOVIS PUBLIC UTIL DEP
C	2897	A	WILLOW CREEK HEALTHCARE CENTER
C	2904	A	CITY OF CLOVIS
C	2905	A	CITY OF CLOVIS
C	2907	A	CITY OF CLOVIS
C	2942	A	TOYS "R" US
C	2945	A	CLUB CLEANERS (MIKE CHIEN LU)
C	2958	D	CITY OF CLOVIS PUB UTIL DEPT
C	2994	D	MERVYNS LLC
C	3000	A	CLOVIS UNIFIED SCHOOL DISTRICT
C	3011	A	CITY OF CLOVIS
C	3016	D	DONALD P DICK AIR CONDITIONING
C	3038	A	COUNTY OF FRESNO
C	3074	A	CITY OF CLOVIS - LANDFILL
C	3081	A	QUAIL LAKE LLC
C	3108	A	SIERRA VISTA MALL #552
C	3138	A	HOME DEPOT #0664
C	3143	A	CLOVIS GUNITE & MATERIALS INC
C	3209	A	CLOVIS MART & GAS (VALERO GAS)
C	3248	A	MI-RANCHO TORTILLA
C	3305	A	BEAL PROPERTIES INC
C	3314	A	FRESNO COUNTY FLEET SERVICES
C	3332	A	CITY OF CLOVIS
C	3333	A	CITY OF CLOVIS
C	3337	A	BRAD'S AUTO BODY
C	3341	A	VERIZON WIRELESS - CLOVIS
C	3422	A	CITY OF CLOVIS
C	3423	A	CITY OF CLOVIS
C	3425	A	COMCAST CABLE COMMUNICATIONS INC
C	3502	A	SEARS ROEBUCK & CO #1098
C	3509	A	NAVJEET SINGH
C	3517	A	CLOVIS UNIFIED SCHOOL DISTRICT
C	3559	A	TARGET STORES T-358
C	3585	A	CITY OF CLOVIS
C	3590	A	CITY OF CLOVIS-PUBLIC UTILITIY
C	3595	A	CITY OF CLOVIS
C	3626	A	CITY OF CLOVIS
C	3654	A	CITY OF CLOVIS PUBLIC UTILITIES DEPT
C	3655	A	CITY OF CLOVIS PUBLIC UTILITIES DEPT
C	3667	A	CITY OF CLOVIS

C	3691	A	CLUB CLEANERS
C	3728	A	ARCO SMOG PRO
C	3756	A	ALORICA INC
C	3763	A	VONS - A SAFEWAY COMPANY
C	3833	A	CITY OF CLOVIS
C	3847	A	CITY OF CLOVIS
C	3897	A	CLOVIS VETERANS MEMORIAL DISTRICT
C	3913	A	CITY OF CLOVIS
C	3934	A	COSTCO WHOLESALE LOC #135
C	4016	A	CITY OF CLOVIS
C	4017	A	ANLIN INDUSTRIES
C	4026	A	SHOP-N-GO
C	4079	D	FANNCO METAL BUILDINGS & COMPONENTS
C	4091	A	COUNTY OF FRESNO C/O CSA NO. 10-A
C	4100	A	BURGER KING #7742/CENTRAL VALLEY GROUP
C	4113	A	CARL'S JR.
C	4120	A	CARL'S JR.
C	4125	A	CARL'S JR.
C	4160	A	WESTERN CO-GEN, LLC
C	4239	A	FOSTERS FREEZE #1064
C	4279	A	LOWE'S HIW, INC
C	4282	A	CITY OF CLOVIS
C	4302	A	CITY OF CLOVIS - PUBLIC UTILITIES
C	4326	A	BRUCE WILLIAMS AUTO BODY
C	4334	A	PIRANHA PIPE & PRECAST
C	4349	A	VERIZON WIRELESS - ALLUVIAL
C	4520	A	WINCO FOODS
C	5255	A	CELLCO PARTNERSHIP DBA VERIZON WIRELESS
C	5476	A	VERIZON WIRELESS - SHEPARD
C	5477	A	VERIZON WIRELESS - SHAW & ACADEMY
C	5821	A	CLOVIS UNIFIED SCHOOL DISTRICT (CART)
C	6824	A	CLOVIS RETIREMENT RESIDENCE LIMITED
C	6970	A	TARGET #2018
C	7005	A	VERIZON WIRELESS - CLOVIS COMM HOSP
C	7127	A	CITY OF CLOVIS
C	7134	D	KROEKER, INC
C	7136	A	FAST N ESY #9
C	7167	A	FRESNO CO PW DEPT SPECIAL DIST CSA 34-B
C	7204	A	HEDRICK'S COLLISION CENTER INC.
C	7234	A	KRAZAN & ASSOCIATES, INC
C	7294	A	FRESNO METROPOLITAN FLOOD CONTROL DIST
C	7392	V	TECHNICON ENGINEERING SERVICES INC
C	7452	A	RED ROBIN INTERNATIONAL INC
C	7519	A	CITY OF CLOVIS, CA

C	7545	A	JOHNNY QUIK FOOD STORE
C	7600	A	FRESENIUS MEDICAL CARE NORTH AMERICA
C	7610	A	VERIZON WIRELESS (VILLA AVENUE)
C	7636	A	CITY OF CLOVIS
C	7647	A	CITY OF CLOVIS
C	7735	A	JOHNNY QUIK #185
C	7746	A	INNOVATIVE COATING SOLUTIONS
C	7759	A	SUMMIT MANAGEMENT GROUP, INC/BURGER KING
C	7767	A	FRESNO PRECISION PLASTICS INC
C	7779	A	VERIZON WIRELESS
C	7797	A	ORCHARD SUPPLY COMPANY LLC
C	7967	A	DON VALENZUELA'S AUTOBODY INC
C	7973	A	CREATIVE AUTO LAB
C	8247	A	ROGERS HELICOPTERS, INC
C	8358	A	DAYTOM ENTERPRISES, INC.

Back to:

State Map | Western U.S. map | Home Page

NOTE:
To print data frame (right side), click on right frame before printing.

1981 - 2010

- Daily Temp. & Precip.
- Daily Tabular data (~23 KB)
- Monthly Tabular data (~1 KB)
- NCDC 1981-2010 Normals (~3 KB)

1971 - 2000

- Daily Temp. & Precip.
- Daily Tabular data (~23 KB)
- Monthly Tabular data (~1 KB)
- NCDC 1971-2000 Normals (~3 KB)

1961 - 1990

- Daily Temp. & Precip.
- Daily Tabular data (~23 KB)
- Monthly Tabular data (~1 KB)
- NCDC 1961-1990 Normals (~3 KB)

Period of Record

- Station Metadata
- Station Metadata Graphics

General Climate Summary Tables

- Temperature
- Precipitation
- Heating Degree Days
- Cooling Degree Days
- Growing Degree Days

Temperature

- Daily Extremes and Averages
- Spring 'Freeze' Probabilities
- Fall 'Freeze' Probabilities
- 'Freeze Free' Probabilities
- Monthly Temperature Listings
  - Average
  - Average Maximum
  - Average Minimum
  - Extreme Maximum(*)
  - Extreme Minimum(*)

Precipitation

- Monthly Average
- Daily Extreme and Average
- Daily Average
- Precipitation Probability by Duration.
- Precipitation Probability by Quantity.
- Monthly Precipitation Listings
  - Monthly Totals
  - Daily Extreme(*)

Snowfall

- Daily Extreme and Average
- Daily Average
- Monthly Snowfall Listings
  - Monthly Totals

Snowdepth

- Daily Extreme and Average
- Daily Average

Heating Degree Days

- Daily Average
- Monthly HDD Listings

Monthly Totals(*)

Cooling Degree Days

- Daily Average
- Monthly CDD Listings

Monthly Totals(*)

Growing Degree Days

- Monthly GDD Listings

Monthly Total Base 40 (*)

Monthly Total Base 50 (*)

Period of Record Data Tables

- Daily Summary Stats (~55 KB)
- Monthly Tabular data (~2 KB)

Daily Data

Graph and Lister (*)

Lister (*)

Monthly Data

Custom Monthly Listing (*)

Western Regional Climate Center,
wrcc@dri.edu

.

FRESNO WSO AP, CALIFORNIA (043257)

Period of Record Monthly Climate Summary

Period of Record : 7/ 1/1948 to 3/31/2013

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
Average Max. Temperature (F)	54.6	61.5	67.0	74.4	83.5	91.7	98.3	96.4	90.8	79.7	65.3	54.7	76.5
Average Min. Temperature (F)	37.6	40.7	43.8	48.0	54.3	60.5	65.7	64.0	59.7	51.2	42.4	37.3	50.4
Average Total Precipitation (in.)	2.09	1.90	1.89	1.03	0.36	0.16	0.01	0.01	0.15	0.53	1.13	1.64	10.89
Average Total SnowFall (in.)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
Average Snow Depth (in.)	0	0	0	0	0	0	0	0	0	0	0	0	0

Percent of possible observations for period of record.
Max. Temp.: 100% Min. Temp.: 100% Precipitation: 100% Snowfall: 91.2% Snow Depth: 91.3%
Check Station Metadata or Metadata graphics for more detail about data completeness.

Western Regional Climate Center, wrcc@dri.edu

Appendix F

Biological Evaluation Report

Appendices

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LIVE OAK ASSOCIATES, INC.

an Ecological Consulting Firm

CLOVIS GENERAL PLAN UPDATE
BIOLOGICAL EVALUATION
CITY OF CLOVIS, CALIFORNIA

Prepared by

LIVE OAK ASSOCIATES, INC.

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February 19, 2013 PN 1664-01

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EXECUTIVE SUMMARY

Live Oak Associates, Inc., conducted an investigation of the biological resources of the City of Clovis General Plan Update (GPU) Area (planning area) in Fresno County, California, and evaluated likely impacts to such resources resulting from implementation of the GPU. The site is generally described by Copper Ave alignment to the north, Academy Ave to the east, Shields Ave alignment to the south, and Willow Ave to the west, as well as portions of the noncontiguous Clovis landfill area to the north. In December 2012, Live Oak Associates, Inc. (LOA) surveyed the site for biotic habitats, the plants and animals occurring in those habitats, and significant habitat values that may be protected by state and federal law. Information gathered during this survey augmented LOA's previous knowledge of the planning area from numerous other investigations of project sites within the planning area.

The approximately 43,569-acre planning area consists of urban development within the existing city limits, the Clovis Sphere of Influence (SOI), and adjacent rural residential and agricultural lands. The biotic habitats/land uses of the planning area are characterized as urban, agriculture, rural residential, drainages/canals, artificial lakes/ponds, seasonal wetland, and grassland.

Rural zones of the planning area provide suitable habitat for a number of locally occurring special-status plant and animal species, some of which are protected by federal and/or state law. Additionally, jurisdictional waters, wildlife nursery sites, and sensitive habitats occur within the planning area. Since sensitive or protected biotic resources would be restricted to certain areas within the planning area, three habitat/land use zones have been distinguished within the planning area. Potential impacts to these biological resources within each habitat/land use zone from implementation of the GPU have been analyzed and a mitigation matrix has been developed that details a step by step process to assure future development will have a less than significant impact on biological resources. Future development is expected to have a less-than-significant effect on regional wildlife movements as well.

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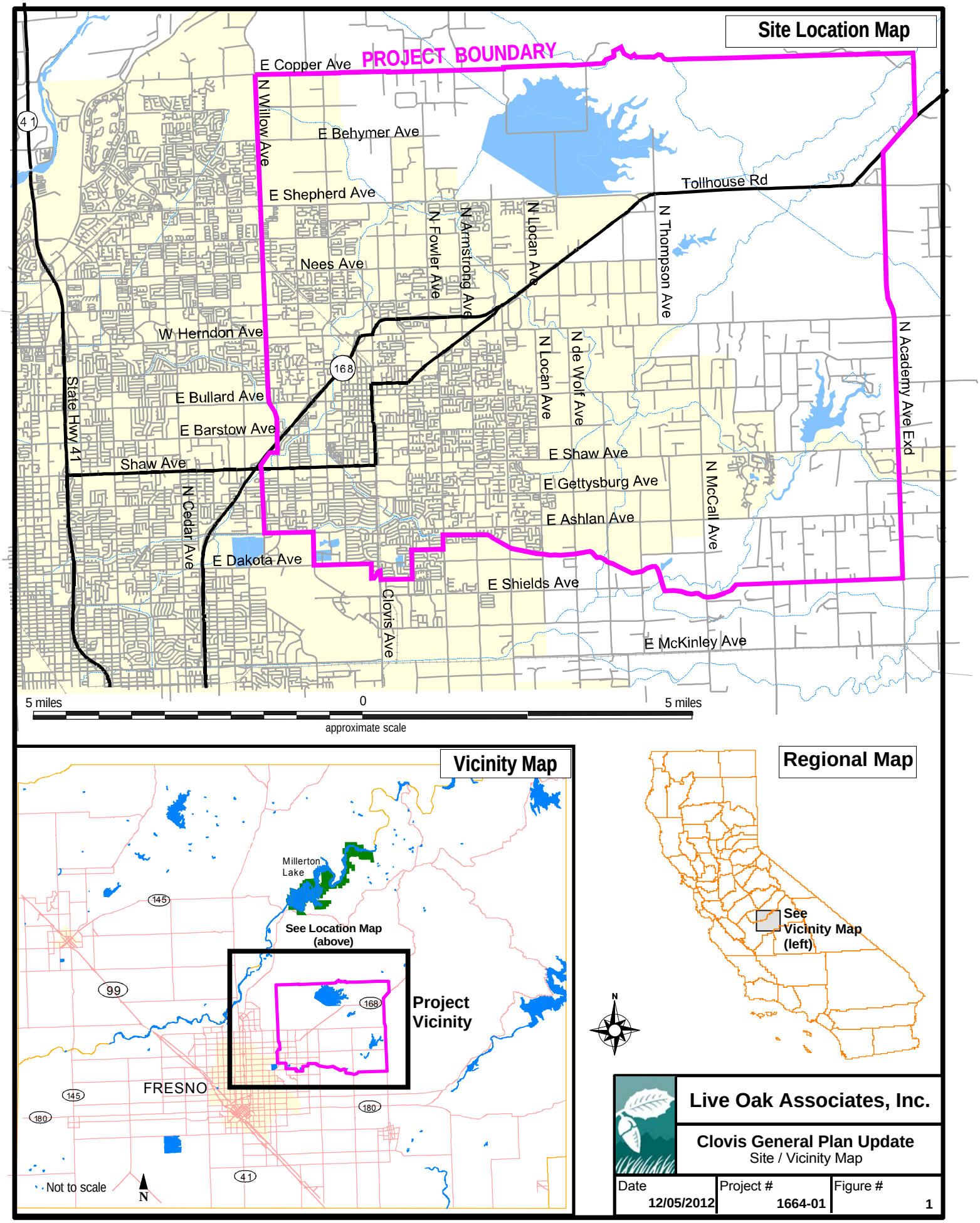
1.0 INTRODUCTION

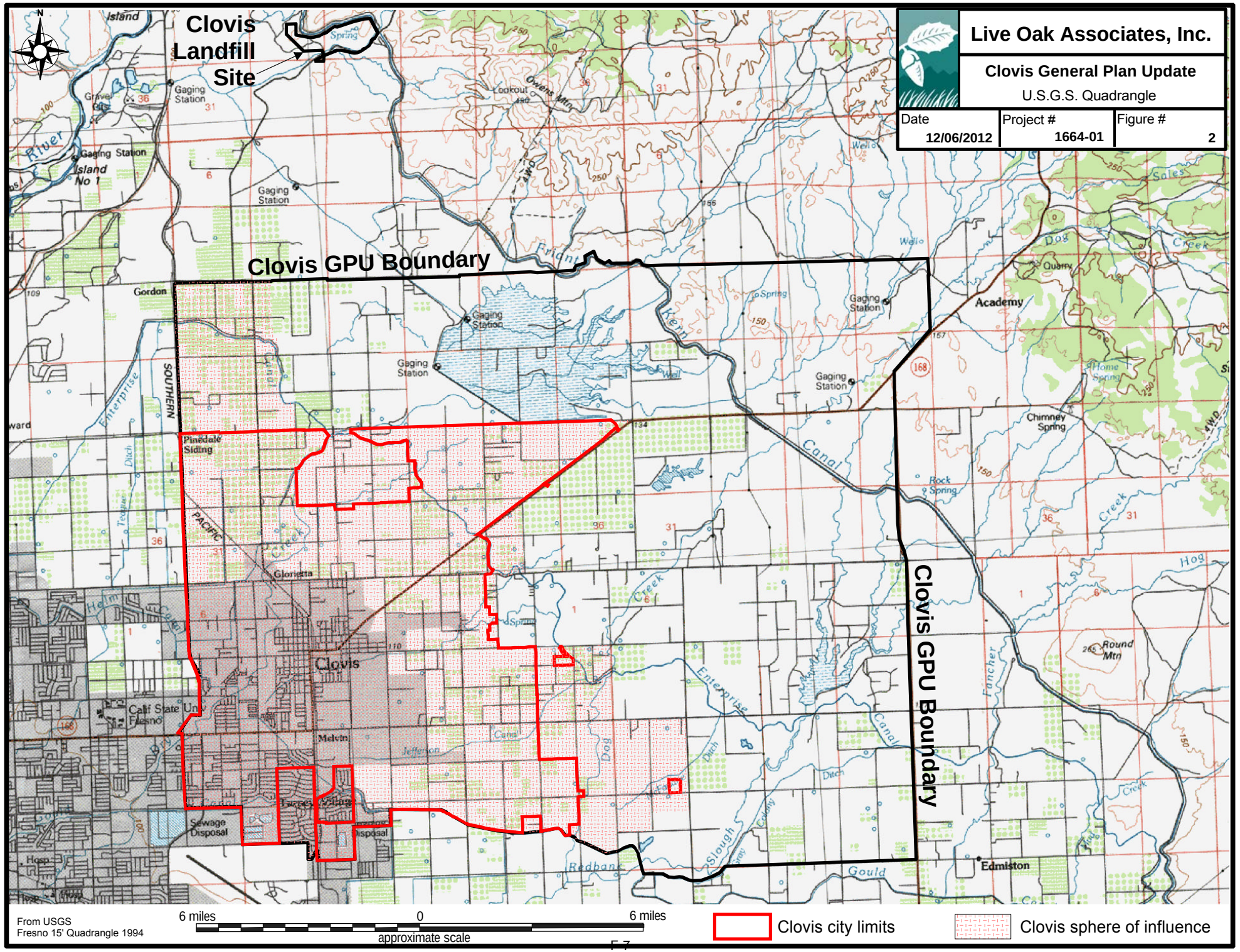
Live Oak Associates, Inc. (LOA) has prepared the following report, which describes the biotic resources located within the 43,569 acre City of Clovis General Plan Update (GPU) area (hereafter referred to as the "planning area"), and evaluates likely impacts to these resources resulting from implementation of the Clovis GPU. Clovis is located in western Fresno County, California, adjacent to the City of Fresno (Figure 1). Together these two cities form a relatively large metropolitan area. The planning area is located primarily in the Clovis and Round Mountain 7.5" U.S. Geological Survey (USGS) quadrangles with northern portions of the planning area in the Academy and Friant quadrangles; Townships 11, 12, and 13 south, Range 21 and 22 east.

1.1 REPORT OBJECTIVES

The development of parcels can damage or modify biotic habitats used by sensitive plant and wildlife species. In such cases, site development may be regulated by state or federal agencies, subject to provisions of the California Environmental Quality Act (CEQA), and/or covered by policies and ordinances of the City of Clovis and Fresno County. This report addresses issues related to: 1) sensitive biotic resources occurring in the planning area; 2) the federal, state, and local laws regulating such resources, and 3) mitigation measures which may be required to reduce the magnitude of anticipated impacts. As such, the objectives of this report are to:

- Summarize all site-specific information related to existing biological resources;
- Make reasonable inferences about the biological resources that could occur onsite based on habitat suitability and the proximity of the site to a species' known range;
- Summarize all state and federal natural resource protection laws that may be relevant to possible future site development;
- Identify and discuss potential impacts to biological resources likely to occur in the planning area within the context of CEQA or any state or federal laws; and
- Identify avoidance and mitigation measures that would reduce impacts to a less-than-significant impact (as identified by CEQA) and are generally consistent with recommendations of the resource agencies for affected biological resources.


Site Location Map
PROJECT BOUNDARY
E Copper Ave
N Willow Ave
E Behymer Ave
E Shepherd Ave
Nees Ave
W Herndon Ave
E Bullard Ave
E Barstow Ave
Shaw Ave
State Hwy 41
N Cedar Ave
E Dakota Ave
Clovis Ave
E Shields Ave
E McKinley Ave
N Fowler Ave
N Armstrong Ave
N Locan Ave
N de Wolf Ave
N Thompson Ave
N McCall Ave
N Academy Ave Exd
Tollhouse Rd
E Shaw Ave
E Gettysburg Ave
E Ashlan Ave
41
168
5 miles
0
5 miles
approximate scale
Vicinity Map
Millerton Lake
See Location Map (above)
Project Vicinity
FRESNO
99
145
180
41
Not to scale
N
Regional Map
See Vicinity Map (left)
N
Live Oak Associates, Inc.
Clovis General Plan Update
Site / Vicinity Map
Date 12/05/2012
Project # 1664-01
Figure # 1


Clovis Landfill Site
Clovis GPU Boundary
Clovis GPU Boundary
Live Oak Associates, Inc.
Clovis General Plan Update
U.S.G.S. Quadrangle
Date 12/06/2012
Project # 1664-01
Figure # 2
From USGS Fresno 15' Quadrangle 1994
6 miles
0
6 miles
approximate scale
Clovis city limits
Clovis sphere of influence
F-7

1.2 OVERVIEW OF THE CLOVIS GENERAL PLAN UPDATE

Every city in the State of California has the authority to guide its future development (State of California Planning Law, Section 65300). Under this authority, the City of Clovis is updating their General Plan to facilitate the smooth and fluid development of the City to year 2035 and beyond. The objective of the Clovis GPU is to project future growth and make provisions for this growth. In the case of its biotic resources, its objective is to preserve natural resources, such as farmland, air and water quality, and native vegetation while facilitating growth of the community. The GPU area encompasses 43,569 acres and includes a non-contiguous area utilized as the Clovis landfill. Implementation of the GPU will require the conversion of existing agricultural lands to residential, commercial, and industrial development.

1.3 STUDY METHODOLOGY

The analysis of impacts, as discussed in Section 3.0 of this report, is based on the known and potential biotic resources of the planning area discussed in Section 2.0. Sources of information used in the preparation of this analysis included: (1) the *California Natural Diversity Data Base* (CDFG 2012); (2) the *Inventory of Rare and Endangered Vascular Plants of California* (CNPS 2012); (3) manuals and references related to plants and animals of the San Joaquin Valley region; and (4) numerous biological investigations conducted by LOA of properties within and proximate to the planning area. A reconnaissance-level field survey of the planning area was conducted on December 7, 2012, by LOA ecologist Jeff Gurule. Prior to the field survey, aerial imagery and the Citywide Draft Land Use Diagram, prepared by The Planning Center, were examined to target areas with potential sensitive or protected biological resources that could potentially be impacted by the implementation of the GPU. With the aid of aerial photography and binoculars, Mr. Gurule examined the planning area from public access roads and noted key habitat features and wildlife observations. Photographs of the planning area were taken with selected photos presented in Appendix A.

Detailed surveys for sensitive biological resources were not conducted for this study. The level of effort was sufficient to locate and establish the general extent of wetlands and special status species habitat that might be present, and to assess the need for more detailed investigations of

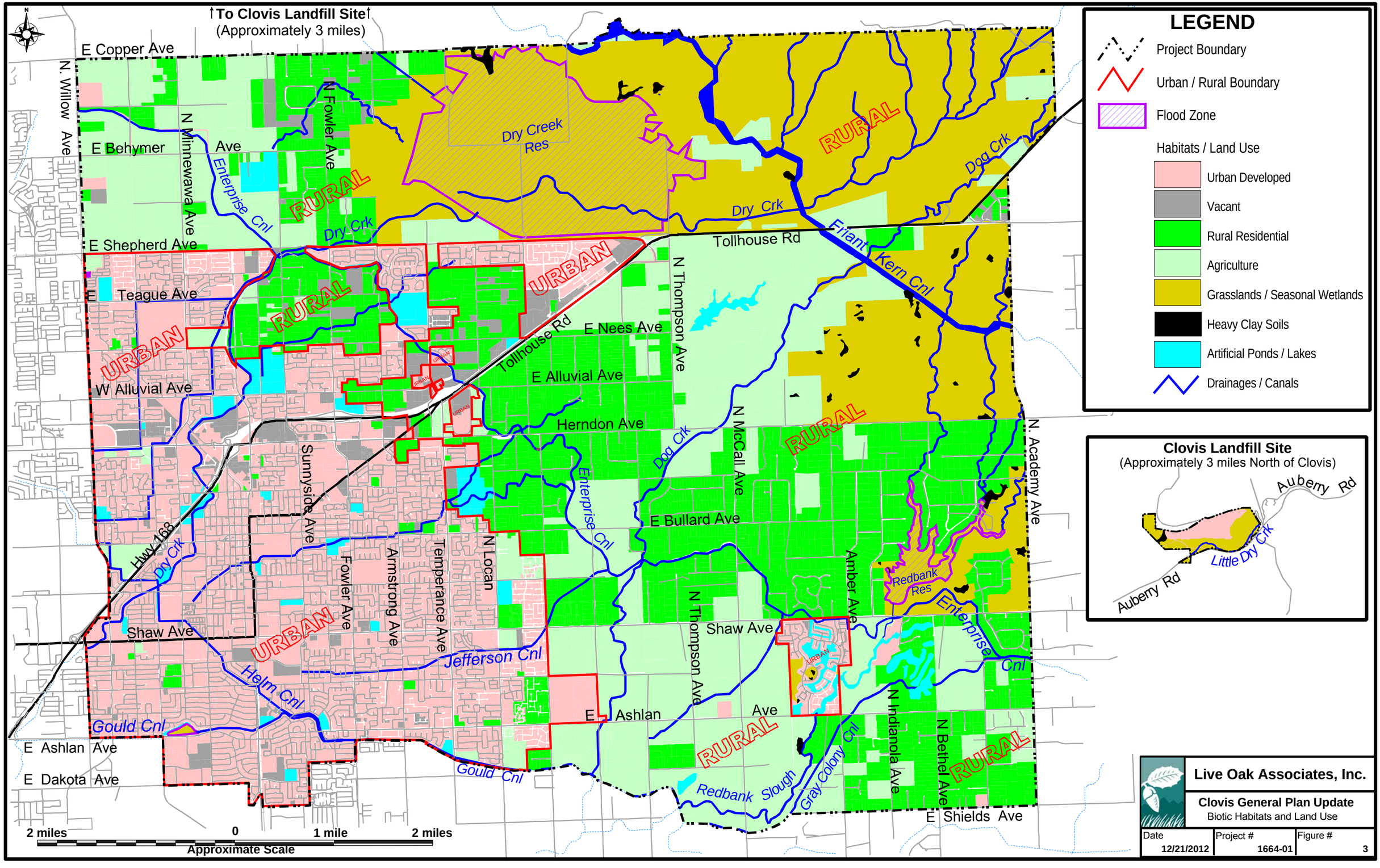
particular areas that may be affected by future development projects. Delineating all wetlands of the planning area, mapping the actual extent of all special status species habitat, and assessing use of such habitats by special status species were not within the scope of this effort.

2.0 EXISTING CONDITIONS

The approximately 43,569-acre planning area encompasses the existing City limits, sphere of influence (SOI), and adjacent agricultural, rural residential, and urban lands (Figure 2). Topographically, much of the site is relatively level, ranging in elevation from approximately 338 feet National Geodetic Vertical Datum (NGVD) at the southwest corner of the planning area to 600 feet NGVD at the isolated land fill portion of the planning area.

The soils on the site have nearly all been paved, in urban areas, or highly modified, in rural areas, through years of agricultural cultivation of the land or residential development and associated human activity. However, large areas of grassland habitat used as rangeland for cattle, primarily in the northeast portion of the planning area, contain relatively undisturbed soils. Due to the presence of vernal pools and other seasonal wetland features within much of this grassland area it is assumed that undisturbed hydric soils are prevalent within these areas. Hydric soils are soils that are saturated, flooded, or ponded long enough during the growing season to develop anaerobic conditions in the upper part; under sufficiently wet conditions, they support the growth and regeneration of hydrophytic vegetation. Given the large size of the planning area and the fact that much of the native soils have been covered or highly modified through urban, agricultural, and rural residential development, a soils map and table has not been provided. However, the soil requirements of two edaphic rare plant species in the genus *Pseudobahia* that are known to occur in the region were examined. Soils for one of these plants, the San Joaquin golden sunburst (*Pseudobahia peirsonii*), were found within the planning area. These soils consisted of heavy clay soils of the Centerville and Mt. Olive series. Undisturbed areas containing these soils were mapped as potential habitat for the San Joaquin golden sunburst on Figure 3.

The Fresno/Clovis metropolitan area has a Mediterranean climate with warm to hot dry summers and cool winters. Summers are dry and typically quite warm, with daytime temperatures commonly exceeding 90° Fahrenheit. Winters are rainy and cool, with daytime temperatures rarely exceeding 70° Fahrenheit. Average annual precipitation in the general vicinity of the site is approximately 12 inches, 80% of which falls between November and March. In urban areas


To Clovis Landfill Site
(Approximately 3 miles)
E Copper Ave
N. Willow Ave
N Minnewawa Ave
N Fowler Ave
E Behymer Ave
Enterprise Cnl
Dry Creek Res
RURAL
Dry Crk
Dog Crk
E Shepherd Ave
Tollhouse Rd
Friant Kern Cnl
URBAN
Teague Ave
N Thompson Ave
E Nees Ave
W Alluvial Ave
E Alluvial Ave
Herndon Ave
N McCall Ave
N Academy Ave
Sunnyside Ave
Hwy 168
Fowler Ave
Armstrong Ave
Temperance Ave
N Locan
E Bullard Ave
Amber Ave
Redbank Res
Shaw Ave
Jefferson Cnl
Helm Cnl
Gould Cnl
E Ashlan Ave
N Indianola Ave
N Bethel Ave
Gray Colony Cnl
Redbank Slough
E Shields Ave
E Dakota Ave
2 miles
0
1 mile
2 miles
Approximate Scale
LEGEND
Project Boundary
Urban / Rural Boundary
Flood Zone
Habitats / Land Use
Urban Developed
Vacant
Rural Residential
Agriculture
Grasslands / Seasonal Wetlands
Heavy Clay Soils
Artificial Ponds / Lakes
Drainages / Canals
Clovis Landfill Site
(Approximately 3 miles North of Clovis)
Auberry Rd
Little Dry Crk
Auberry Rd
Live Oak Associates, Inc.
Clovis General Plan Update
Biotic Habitats and Land Use
Date 12/21/2012
Project # 1664-01
Figure # 3

stormwater runoff is diverted to a stormwater drainage system. In agricultural and rural residential areas stormwater readily infiltrates soils, but when field capacity has been reached, surface water flows off the planning area via onsite drainages. Four major natural drainages cross the planning area, Redbank Slough, Dog Creek, Dry Creek and Little Dry Creek. Dry Creek and Redbank Slough have been dammed for flood control. With the exception of Little Dry Creek, which is relatively undisturbed within the planning area, large portions of these drainages lack many of their native characteristics, having been channelized, realigned, dammed, and/or undergrounded.

Over the years, the Clovis area has been substantially disturbed by agricultural and residential activities, with lands within the City itself having primarily been converted to urban development. However, relatively undisturbed grasslands and associated drainages and wetlands, including vernal pools, represent remnant natural habitats within the planning area.

Outside the planning area to the east and south are rural lands similar to those found in the planning area that are a mix of rural residential and agriculture. To the west are urban lands associated with the City of Fresno. To the east are large parcels of foothill grasslands, the less steep portions of which contain similar wetland features as those found within grasslands of the planning area.

2.1 BIOTIC HABITATS AND LAND USES

The primary biotic habitats/land uses of the planning area are characterized as “urban”, “agriculture”, “rural residential”, “drainages/canals”, “artificial lakes/ponds”, “seasonal wetland”, and “grassland” (Figure 3).

2.1.1 Urban

The urban center or Clovis is developed with single- and multi-family residential units, commercial units, schools, industrial and manufacturing plants and warehouses, transportation corridors, city parks, and other developments and infrastructure associated with urbanized communities, as well as vacant lots. Small areas within the urban footprint that are zoned as rural residential or agriculture have been included in this discussion due to the overwhelming urban influence on these parcels.

Vegetation within urban areas is dominated by non-native ornamental trees, shrubs, forbs and grasses. Vacant lots within the urban footprint may contain naturalized non-native grasses and forbs such as horseweed (*Conyza canadensis*), prickly lettuce (*Lactuca serriola*), red-stemmed filaree (*Erodium cicutarium*), and foxtail barley (*Hordeum murinum* ssp. *leporinum*).

Animals typically occurring in urban environments are well adapted to the presence of humans with some species amassing large populations. These areas provide limited habitat for reptiles and amphibians. Pacific chorus frogs (*Pseudacris regilla*) may breed and forage in wet areas associated with residential areas or parks. Western fence lizards (*Sceloporus occidentalis*) likely occur within various portions of this area as well, foraging on invertebrates.

Various bird species are expected to use these areas. Birds known to occur in this portion of the planning area include house sparrows (*Passer domesticus*), rock pigeons (*Columba livia*), European starlings (*Sturnus vulgaris*), mourning doves (*Zenaida macroura*), western scrub jays (*Aphelocoma californica*), American robins (*Turdus migratorius*), American crows (*Corvus brachyrhynchos*), bushtits (*Psaltriparus minimus*), and northern mockingbirds (*Mimus polyglottos*), among others. Raptors such as red-tailed hawks (*Buteo jamaicensis*) and Cooper's hawks (*Accipiter cooperi*) are known to occur in this area as well.

Mammals occurring in these areas may include house mice (*Mus musculus*) and Norway rats (*Rattus norvegicus*) attracted to human generated food. The eastern fox squirrel (*Sciurus niger*) is known to occur in wooded portions of the Clovis urban zone such as city parks and residential areas. In addition, animals such as raccoons (*Procyon lotor*) and Virginia opossums (*Didelphis virginiana*) are common to urban environments and likely breed and forage within the urban area for human generated food.

2.1.2 Agriculture

A large portion of the planning area consists of actively farmed agricultural fields. Cultivated lands contain orchards, vineyards, row crops, or grain. Common weedy non-native grasses and forbs found in agricultural fields in the Clovis area include horseweed, prickly lettuce, slender wild oats (*Avena barbata*), foxtail barley, Russian thistle (*Salsola tragus*), shepherd's purse (*Capsella bursa-pastoris*), and stinging nettle (*Urtica dioica*). There may be small, isolated patches of seasonal wetlands in these fields; however, at the level of effort put forth for this study, none were identified.

Compared to natural habitats, managed agricultural lands provide relatively low habitat value for wildlife due to the lack of understory vegetation, upon which many wildlife species depend for food and cover. Annual management practices such as discing and harvesting would eliminate breeding and foraging habitat for many small birds and mammals native to the region. The application of chemical pesticides may also pose a threat to such species at various times of the year.

Although none were observed, reptiles may potentially occur in the agricultural fields. The sparse cover described above, the likelihood of rodent burrows to occur in this habitat, and the presence of fluctuating populations of invertebrate and rodent prey make the site suitable for at least one native species of lizard, the western fence lizard, and several species of snake, including the gopher snake (*Pituophis catenifer catenifer*) and California kingsnake (*Lampropeltis getulus californiae*).

Common resident avian species known to forage in agricultural lands in the Clovis area include the northern mockingbird, European starling, and western meadowlark (*Sturnella neglecta*), red-tailed hawk, northern harrier (*Circus cyaneus*), killdeer (*Charadrius vociferus*), and American crow. Winter migrants may include the ferruginous hawk (*Buteo regalis*), yellow-rumped warbler (*Setophaga coronata*), and white-crowned sparrow. A common summer visitor to these lands is the western kingbird (*Tyrannus verticalis*).

Small mammals occur in agricultural lands such as those of the planning area, but populations would be highly variable depending on the condition of the fields. Freshly plowed or cultivated

fields barren of vegetation provide little cover for most terrestrial vertebrates. Small mammals, such as California ground squirrels (*Spermophilus beecheyi*), Botta's pocket gophers (*Thomomys bottae*), deer mice, and California meadow voles (*Microtus californicus*) would occur in agricultural lands.

Common mammalian predators attracted to these small mammals would likely be limited to coyotes (*Canis latrans*) and red foxes (*Vulpes vulpes*), as these species are well-adapted to human disturbance. Various bat species, including the pallid bat (*Antrozous pallidus*) and Mexican free-tailed bat (*Tadarida brasiliensis*), may forage over the site for flying insects.

2.1.3 Rural Residential

Numerous residences, many on parcels of one to 5 acres (or more) are located within the planning area. Residential lots include homes, landscaping, disced areas supporting sparse weedy vegetation, small patches of annual grassland, irrigated pasture, ponds, animal paddocks, etc. As previously noted, given the scope of this investigation and the scale of the planning area, all the habitat types of each individual residential parcel could not be delineated. Landscaping observed around many homes was extensive and often comprised mature non-native trees and shrubs. Horticultural species include conifers such as coast redwood (*Sequoia sempervirens*), Canary Island pine (*Pinus canarienesis*), Japanese black pine (*Pinus thunbergii*), and deodar cedar (*Cedrus deodora*); broad leaved trees such as sweet gum (*Liquidambar styraciflua*), fruitless mulberry (*Morus alba*), London plane trees (*Platanus acerifolia*), and European olive (*Olea europea*); and various shrubs such as oleander (*Nerium oleander*), crape myrtle (*Lagerstroemia* sp.), and low-growing junipers (*Juniperus* sp.).

Scrap piles near the buildings provide suitable cover for the same reptile species that would be found in the surrounding agricultural areas.

Avian species expected in this habitat include a mix of the same species that would be found in nearby urban and agricultural areas. Larger trees in this area provide nesting habitat for raptors such as red-tailed hawks, red-shouldered hawks (*Buteo lineatus*), and white-tailed kites (*Elanus caeruleus*).

Residences of the area attract a number of animal species that have become habituated to developed areas. Residential landscaping provides cover and nesting opportunities for resident birds such as western scrub jays, house finches (*Carpodacus mexicanus*), house sparrows, and northern mockingbirds. The cover provided by horticultural trees and shrubs can also be important to migrants passing through the area during spring and fall. Small mammals occurring in rural residential areas include California ground squirrels, deer mice (*Peromyscus maniculatus*), Norway rats, and house mice. Botta's pocket gophers and broad-footed moles (*Scapanus latimanus*) are common in garden beds and lawns. Bats of various species may roost in residential buildings and forage overhead. Mammalian predators in this area would include the coyote, raccoon, and striped skunk (*Mephitis mephitis*).

2.1.4 Grassland

Large tracts of land in the northeast section of the planning area contain non-native grassland used as rangeland for cattle. Grasslands represent the least disturbed portions of the planning area and, along with vernal pool habitat contained within, provide important habitat for a variety of native plants and animals, including a number of special status species.

Grasses and forbs of European origin dominate this habitat. Grass species common to this habitat include ripgut brome (*Bromus diandrus*), soft chess brome (*Bromus hordeaceus*), wild oats (*Avena fatua*), and rattail fescue (*Vulpia myuros*). Common forbs associated with these grass species include red-stem filaree, broad-leaf filaree (*Erodium botrys*), and smooth cat's-ear (*Hypochaeris glabra*). Grasslands of the planning area would also support a large variety of native spring-flowering annuals and perennials including rusty popcorn flower (*Plagiobothrys nothofulvus*), Eastwood's fiddleneck (*Amsinckia eastwoodeae*), blow-wives (*Achyrachaena mollis*), Ithuriel's spear (*Triteleia laxa*), and bi-color lupine (*Lupinus bicolor*), to name just a few. Annuals occurring on the planning area late in the summer and throughout the fall include Heerman's tarweed (*Holocarpha heermanii*), vinegar weed (*Trichostemma lanceolata*), and dove weed (*Eremocarpus setigerus*).

Annual grasslands of the planning area, like grasslands throughout the region, are productive biotic habitats supporting a large diversity of native terrestrial vertebrates. Grasslands of the region provide significant foraging habitat for a variety of resident and wintering raptors, as well

as large numbers of other birds. Furthermore, the dense cover of native and non-native grasses and forbs provide cover for large populations of small mammals that in turn attract a diversity of predatory species.

Grasslands of the planning area provide suitable habitat for a number of amphibian and reptile species. Rodent burrows in grassland areas provide suitable aestivation (oversummering) habitat for western toads (*Bufo borealis*), western spadefoot toads (*Scaphiopus hammandi*), and California tiger salamanders (*Ambystoma californiense*), all species that potentially breed in the numerous vernal pool wetlands located within these grasslands. Common reptile species likely to forage and seek cover in this habitat include common side-blotched lizards (*Uta stansburiana*), western whiptails (*Aspidoscelis tigris*), gopher snakes, common kingsnakes (*Lampropeltis getulus*), and western rattlesnakes (*Crotalus viridis*).

Raptors known to utilize grassland habitats within the planning area include species such as the golden eagle (*Aquila chrysaetos*), red-tailed hawk, American kestrel (*Falco sparverius*), ferruginous hawk, and burrowing owl (*Athene cunicularia*). Other raptor species expected in this habitat include the northern harrier, white-tailed kite, merlin (*Falco columbarius*), and barn owl (*Tyto alba*), among others. These species prey on the reptiles and small birds and mammals of the planning area. Other resident avian species observed included common ravens (*Corvus corax*), mourning doves, western meadowlarks, and rock wren (*Salpinctes obsoletus*). Spring and summer migrants that frequent these grasslands would include barn swallows (*Hirundo rustica*), California horned larks (*Eremophila alpestris actia*), and western kingbirds. Common winter migrants attracted to grasslands of the region include savannah sparrows (*Passerculus sandwichensis*), American pipits (*Anthus rebescens*), and Say's phoebes (*Sayornis saya*).

A number of mammal species use grasslands of the planning area, as well, including California ground squirrels, Botta's pocket gophers, California voles (*Microtus californicus*), deer mice, and house mice. A number of large mammalian species may move through the planning area from time to time. These would include the coyote, gray fox (*Urocyon cinereoargenteus*), and bobcat (*Lynx rufus*). Various species of bats would forage over the grasslands.

2.1.5 Drainage/Canal

This habitat consists of seasonal drainages and canals and associated riparian habitat. The four major drainages running through the planning area are Dog Creek, Dry Creek, Redbank Slough, and Little Dry Creek. These drainages carry variable seasonal flows within natural and human altered sections of their channels. As described in Section 2.0, large sections of these creeks have been engineered to contain flood water. Nonetheless, portions of each of these creeks and the entire reach of Little Dry Creek through the planning area contain riparian vegetation. Riparian vegetation on Dry Creek above Dry Creek Reservoir and Little Dry Creek contain sycamore (*Platanus racemosa*) riparian woodland. Riparian vegetation occurs sporadically along Dog Creek, regularly along Redbank Slough below Redbank Reservoir, and for about 2.5 miles south of the Enterprise Canal on Dry Creek. Riparian trees across the planning area consist primarily of sycamores, Fremont cottonwoods (*Populus fremontii*), willows (*Salix sp.*), and valley oaks (*Quercus lobata*). Canals across the planning area range from large cemented lined canals such as the Friant-Kern Canal and Enterprise Canal to small earthern irrigation canals. Cement lined canals would lack vegetation and generally carry relatively swift currents and, therefore, provide little habitat value for native wildlife. Earthen canals, as well as engineered portions of natural drainages, may contain areas of shrubby riparian trees and understory vegetation such as Himalayan blackberry (*Rubus discolor*), pearly everlasting (*Gnaphalium californicum*), willowherb (*Epilobium ciliatum*), henbit (*Lamium amplexicaule*), lambs quarters (*Chenopodium alba*), panicled willowherb (*Epilobium bachycarpum*), and common groundsel (*Senecio vulgaris*); mugwort (*Artemisia douglasii*) and stinging nettles (*Urtica dioica*).

Portions of the onsite creeks and earthen canals provide potential breeding habitat for amphibians such as western toads, Pacific chorus frogs, and bullfrogs (*Rana catesbiana*) during the spring. These species, in turn, would attract common garter snakes (*Thamnophis sirtalis*) and aquatic garter snakes (*Thamnophis atratus*) to forage in this habitat. Other reptiles that may utilize this habitat include the western fence lizard and Gilbert skink (*Eumeces gilberti*).

The presence of amphibians may attract avian species that prey on them, such as the great egret (*Casmerodius albus*) and great blue heron (*Ardea herodias*). Dabbling ducks such as the mallard

(*Anas platyrhynchos*) would be attracted to areas of still water. A number of avian species may forage in the riparian canopy, such as house finches, western scrub jays, and in the winter, yellow-rumped warblers. Raptors such as the red-tailed hawk and red-shouldered hawk would nest in riparian trees in these areas.

Riparian habitat often facilitates the movement and persistence of small and large mammal populations. Muskrats (*Ondatra zibethicus*) often inhabit the aquatic habitat and creek banks within the riparian zone, and raccoons commonly forage along watercourses. A number of bat species frequently forage over aquatic areas. Larger mammal species such as the gray fox and coyote may drink from and forage in these areas.

2.1.6 Artificial Ponds and Lakes

Artificial waters in the planning area consist of stormwater detention basins, constructed lakes and ponds, and waste treatment ponds. These features occur in both rural and urban environments. While larger ponds and lakes have been identified in Figure 3, numerous small ponds within rural residential areas have not been adequately surveyed at the level of effort put forth in this investigation and therefore not mapped.

Vegetation characteristics within these areas are variable and dependent on the depth of the feature, the function of the feature, as well as the maintenance and management regime. Vegetation communities associated with ponds and lakes within the planning area consist of riparian vegetation described in Section 2.1.5 as well as wetland vegetation. Wetland vegetation associated with some ponds and lakes may include broadleaf cattail (*Typha latifolia*), tall flatsedge (*Cyperus eragrostis*), knotweed (*Persicaria lapathifolia*), and barnyard grass (*Echinochloa crus-gali*).

Various species of fish could use this habitat. Largemouth bass (*Micropterus salmoides*), bluegill (*Lepomis macrochirus*), green sunfish (*Lepomis cyanellus*), and mosquito fish (*Gambusia affinis*) are commonly found in similar aquatic habitats throughout California.

The margins of the reservoir provide habitat for various amphibian and reptile species. Pacific chorus frogs, bullfrogs, and western toads would breed in such places, especially where emergent

vegetation would provide cover for both young and adults. These species would in turn attract common garter snakes and aquatic garter snakes to forage in this habitat.

Ponds and lakes also provide habitat for a number of avian species. Great egrets and great blue herons may occasionally forage along the shallows of the shoreline for the various fish and amphibian species mentioned above. A variety of waterbirds such as lesser scaup (*Aythya affinis*), greater yellow legs (*Tringa melanolueca*), American coot (*Fulica Americana*), ruddy duck (*Oxyara jamaicensis*), common sandpiper (*Califris minutilla*), avocet (*Recurvirostra californica*), northern shoveler (*Anas clypeata*), and cinnamon teal (*Anas cyanoptera*), mallards, and Canada geese (*Branta canadensis*) are expected to use this habitat within the planning area. Many of these species were observed during the field investigation of the site. Other avian species to be found in this habitat include the black phoebe (*Sayornis nigricans*), which often forages over the water's edge, and the barn swallow and American cliff swallow (*Petrochelidon pyrrhonota*), both of which forage over open water.

Relatively few mammals are found in such habitats, but several species may come here to drink and occasionally forage along the shallow portions of the shoreline. Muskrats often inhabit the aquatic habitat itself, and raccoons commonly forage along the shore. A number of bat species probably forage over these areas at various times of year.

2.1.7 Seasonal Wetland

Seasonal wetlands in the form of vernal pools and wetland swales occur throughout the grassland habitat within the planning area. Formed as a result of rolling terrain and soil characteristics, these wetlands support a variety of native plant and animal species, many of which are endemic to this habitat. Endemic vernal pool flora common to this habitat in the region includes the federally threatened succulent owl's-clover (*Castilleja campestris* spp. *succulenta*), hairgrass (*Deschampsia* sp.), Great Valley button celery (*Eryngium castrense*), and stalked popcornflower (*Plagiobothrys stipitatus*). Other species occurring in these areas that are often associated with wetlands include spikerush (*Eleocharis* sp.), nit grass (*Gastridium ventricosum*), Mediterranean barley (*Hordeum marinum* ssp. *gussoneanum*), Baltic rush (*Juncus balticus*), Mexican rush (*Juncus mexicanus*), hyssop loosestrife (*Lythrum hyssopifolium*), rabbit's foot grass (*Polypogon monspeliensis*), and California canarygrass (*Phalaris californica*). When dry, these habitats

would be utilized by the same suite of wildlife species that are expected to occur in the grasslands.

When inundated, vernal pools occurring within the planning area may support a number of aquatic and terrestrial species, some of which would be unique to vernal pool habitats. Many of the vernal pools support invertebrate species such as the federally protected vernal pool fairy shrimp (*Branchinecta lynchi*), which has been documented in vernal pools within the planning area, the midvalley fairy shrimp (*Branchinecta mesovallensis*), and common aquatic insects.

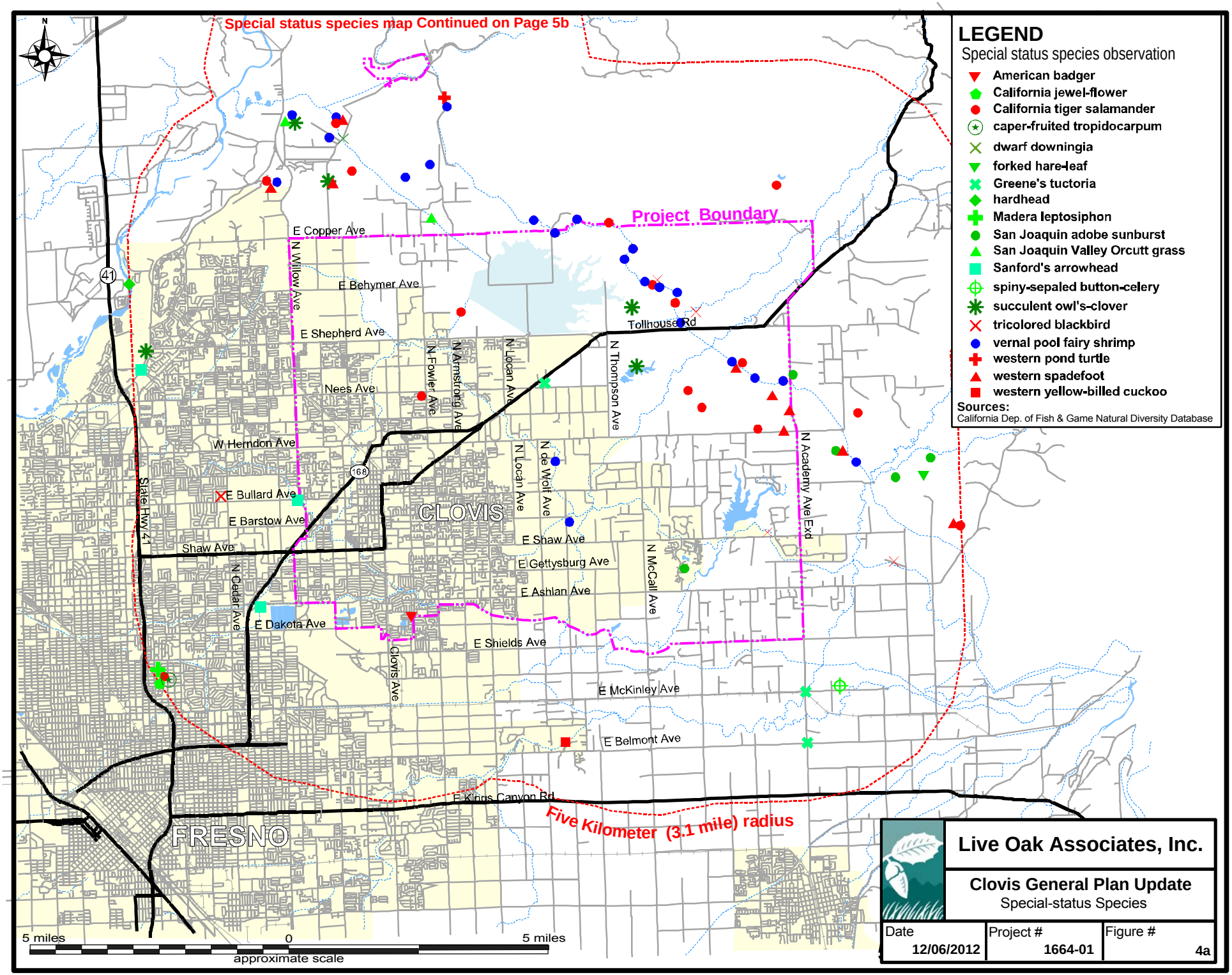
2.2 SPECIAL STATUS PLANTS AND ANIMALS

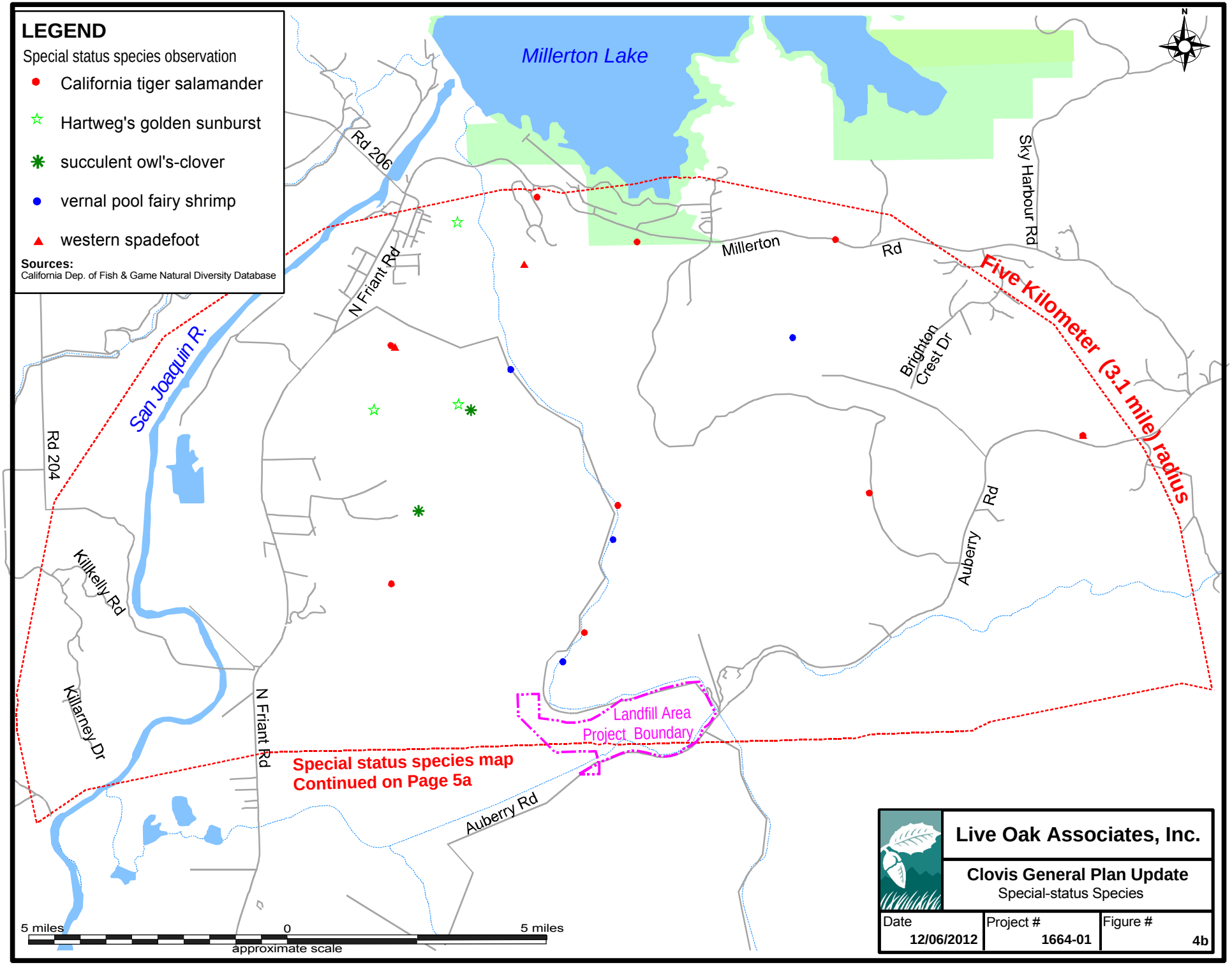
Several species of plants and animals within the state of California have low populations and/or limited distributions. Such species may be considered "rare" and are vulnerable to extirpation as the state's human population grows and the habitats these species occupy are converted to agricultural and urban uses. As described more fully in Section 3.2, state and federal laws have provided the California Department of Fish and Game (CDFG) and the U.S. Fish and Wildlife Service (USFWS) with a mechanism for conserving and protecting the diversity of plant and animal species native to the state. A sizable number of native plants and animals have been formally designated as "threatened" or "endangered" under state and federal endangered species legislation. Others have been designated as candidates for such listing. Still others have been designated as "species of special concern" by the CDFG. The California Native Plant Society (CNPS) has developed its own set of lists of native plants considered rare, threatened, or endangered (CNPS 2012). Collectively, these plants and animals are referred to as "special status species."

A number of special status plants and animals occur in the vicinity of the planning area (Figures 4a, 4b, and 5). These species, and their potential to occur in the planning area, are listed in Table 2 in the following pages. Sources of information for this table included *California's Wildlife, Volumes I, II, and III* (Zeiner et. al 1988-1990), *California Natural Diversity Data Base* (CDFG 2012), *Endangered and Threatened Wildlife and Plants* (USFWS 2011), *Annual Report on the Status of California State Listed Threatened and Endangered Animals and Plants* (CDFG 2011), and *The California Native Plant Society's Inventory of Rare and Endangered Vascular Plants of*

California (CNPS 2012). This information was used to evaluate the potential for special status plant and animal species to occur onsite. It is important to note that the California Natural Diversity Data Base (CNDDB) is a volunteer database; therefore, it may not contain all known or gray literature records. Additionally, species location information gathered during previous LOA investigations within the planning area was used in the following analysis.

The CNDDB Rarefind 2012 was used to search nine USGS 7.5' quadrangles, including Lanes Bridge, Friant, Academy, Fresno North, Clovis, Round Mountain, Fresno South, Malaga, Piedra, and Sanger, for special status plant and animal species and natural communities of special concern.


Special status species map Continued on Page 5b
Project Boundary
LEGEND
Special status species observation
American badger
California jewel-flower
California tiger salamander
caper-fruited tropidocarpum
dwarf downingia
forked hare-leaf
Greene's tuctoria
hardhead
Madera leptosiphon
San Joaquin adobe sunburst
San Joaquin Valley Orcutt grass
Sanford's arrowhead
spiny-sepaled button-celery
succulent owl's-clover
tricolored blackbird
vernal pool fairy shrimp
western pond turtle
western spadefoot
western yellow-billed cuckoo
Sources:
California Dep. of Fish & Game Natural Diversity Database
E Copper Ave
E Behymer Ave
E Shepherd Ave
Nees Ave
W Herndon Ave
E Bullard Ave
E Barstow Ave
Shaw Ave
E Dakota Ave
E Shields Ave
E McKinley Ave
E Belmont Ave
E Kings Canyon Rd
Tollhouse Rd
E Shaw Ave
E Gettysburg Ave
E Ashlan Ave
N Willow Ave
N Fowler Ave
N Armstrong Ave
N Locan Ave
N de Wolf Ave
N Thompson Ave
N Academy Ave Exd
N McCall Ave
N Cedar Ave
Clovis Ave
State Hwy 41
CLOVIS
FRESNO
Five Kilometer (3.1 mile) radius
5 miles
0
5 miles
approximate scale
Live Oak Associates, Inc.
Clovis General Plan Update
Special-status Species
Date
12/06/2012
Project #
1664-01
Figure #
4a


LEGEND
Special status species observation
California tiger salamander
Hartweg's golden sunburst
succulent owl's-clover
vernal pool fairy shrimp
western spadefoot
Sources:
California Dep. of Fish & Game Natural Diversity Database
Millerton Lake
Rd 206
N Friant Rd
Millerton Rd
Sky Harbour Rd
Five Kilometer (3.1 mile) radius
Brighton Crest Dr
San Joaquin R.
Rd 204
Killkelly Rd
Killarney Dr
N Friant Rd
Auberry Rd
Auberry Rd
Landfill Area Project Boundary
Special status species map
Continued on Page 5a
5 miles
0
5 miles
approximate scale
Live Oak Associates, Inc.
Clovis General Plan Update
Special-status Species
Date 12/06/2012
Project # 1664-01
Figure # 4b

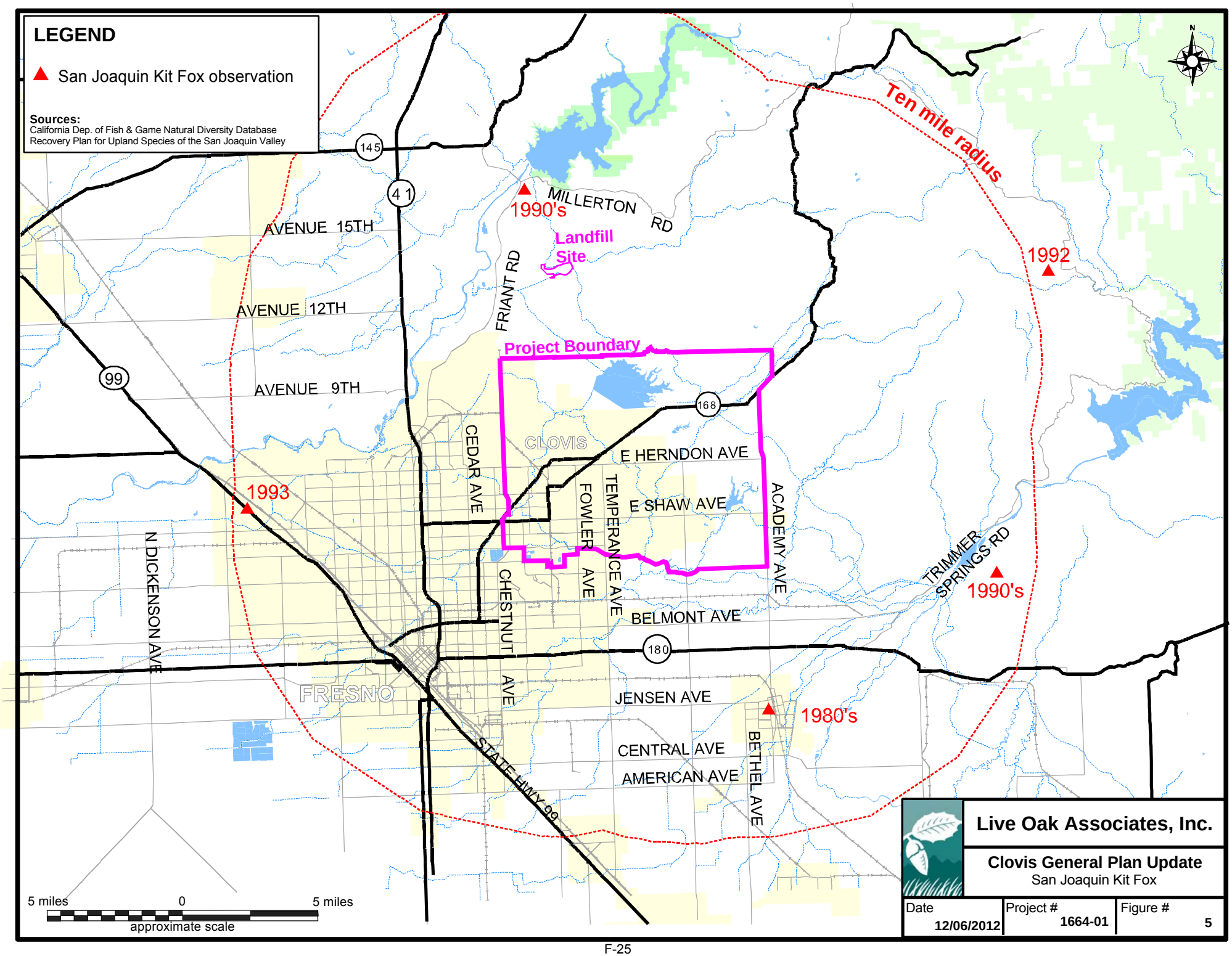

LEGEND
San Joaquin Kit Fox observation
Sources:
California Dep. of Fish & Game Natural Diversity Database
Recovery Plan for Upland Species of the San Joaquin Valley
Ten mile radius
1990's
Landfill Site
MILLERTON RD
1992
AVENUE 15TH
AVENUE 12TH
AVENUE 9TH
FRIANT RD
Project Boundary
CLOVIS
E HERNDON AVE
E SHAW AVE
CEDAR AVE
FOWLER AVE
TEMPERANCE AVE
ACADEMY AVE
1993
N DICKENSON AVE
CHESTNUT AVE
TRIMMER SPRINGS RD
1990's
BELMONT AVE
FRESNO
JENSEN AVE
1980's
CENTRAL AVE
AMERICAN AVE
BETHEL AVE
STATE HWY 99
145
41
99
168
180
5 miles
0
5 miles
approximate scale
Live Oak Associates, Inc.
Clovis General Plan Update
San Joaquin Kit Fox
Date 12/06/2012
Project # 1664-01
Figure # 5

TABLE 1. LIST OF SPECIAL STATUS SPECIES THAT OCCUR OR MAY OCCUR IN THE VICINITY OF THE PLANNING AREA.

PLANTS (adapted from CNDDB 2012 and CNPS 2012)

Species Listed as Threatened or Endangered

Species	Status	Habitat	Occurrence in the Planning area
California Jewel-flower (*Caulanthus californicus*)	FE, CE, CNPS 1B	Chenopod scrub, valley and foothills grassland, Pinyon-Juniper grassland. Blooms Feb-May.	**Unlikely** Although suitable habitat exists within grassland areas within the planning area, populations in the Fresno area are presumed extirpated (CNDDB 2012).
Greene's Tuctoria (*Tuctoria greenei)*	FE, CR, CNPS 1B	Occurs in vernal pools of California's Central Valley; blooms May to September	**Possible.** Suitable habitat in the form of vernal pools is present within the planning area. This species has been historically documented within the planning area; however, the location of the sighting no longer supports vernal pool habitat and that particular population is considered extirpated (CNDDB 2012).
Hartweg's Golden Sunburst (*Pseudobahia bahiifolia)*	FE, CE, CNPS 1B	Occurs in grasslands of the western foothills of the Sierra Nevada in volcanic pumice soils. Often found in soils of the Rocklin series; blooms March to April.	**Absent.** Suitable habitat in the form of Rocklin Sandy Loam, Pumiceous Variant (RiD) soil, the obligate soil type for Fresno and Madera County populations of this species, is absent from the planning area. This species has been observed in the Friant area approx. 4.0 air miles northeast of the planning area (CNDDB 2012).
Hairy Orcutt Grass (*Orcuttia pilosa*)	FE, CE, CNPS 1B	California's Central Valley Pools. Requires deep pools with prolonged periods of inundation. Blooms May-September.	**Possible.** Suitable habitat in the form of vernal pools is present within the planning area. A number of occurrences of this species have been documented near the planning area (CNDDB 2012).
San Joaquin Adobe Sunburst (*Pseudobahia peirsonii)*	FT, CE, CNPS 1B	Occurs in Centerville and Porterville heavy clay soils in valley and foothill grassland habitat; blooms March to April	**Present.** This species has been recently documented within the planning area (i.e. Quail Lakes development) (CNDDB 2012). This species may occur elsewhere within the planning area in undisturbed heavy clay soils.
San JoaquinValley Orcutt Grass (*Orcuttia inaequalis*)	FE, CE CNPS 1B	Vernal pools of California's Central Valley. Requires deep pools with prolonged periods of inundation. Blooms April-September.	**Possible.** Suitable habitat in the form of vernal pools is present within the planning area. A number of occurrences of this species have been documented near the planning area (CNDDB 2012).
Succulent Owl's Clover (*Castilleja campestris succulenta*)	FT, CE CNPS 1B	Vernal pools of California's Central Valley. Blooms April-May.	**Present.** This species has been documented within the planning area, most recently in 2008. Vernal pool habitat within grassland areas provides suitable habitat for this species (CNDDB 2012).

TABLE 1. LIST OF SPECIAL STATUS SPECIES THAT OCCUR OR MAY OCCUR IN THE VICINITY OF THE PLANNING AREA.

PLANTS (adapted from CNDDB 2012 and CNPS 2012)

CNPS Listed Plants (cont.)

Species	Status	Habitat	Occurrence in the Planning area
Dwarf Downingia (*Downingia pssilla*)	CNPS 2.2	Occurs in vernal pools of California's Central Valley; blooms March to May.	**Possible.** Suitable habitat in the form of vernal pools is present within the planning area. This species has been observed in vernal pool habitat in the vicinity of the planning area (CNDDB 2012).
Forked Hare-leaf (*Lagophylla dichotoma*)	CNPS 1B	Occurs in Valley Grassland and Foothill Woodland. Blooms April-June.	**Possible.** Suitable habitat exists within grassland areas within the planning area. The nearest documented occurrence is approximately 2.5 miles east of the planning area on the north slope of Round Mtn (CNDDB 2012).
Madera Leptosiphon (*Leptosiphon serrulatus*)	CNPS 1B	Occurs in cismontane woodland, foothill grasslands, and lower montane forest from Madera County south through Kern County. Blooms April-May	**Possible.** This species may occur in grassland habitats within the planning area. The nearest known population of this species is approx. 7.5 air miles north of the planning area in oak woodland habitat (Jeff Gurule, Pers. Obs., CNDDB 2012).
Spiny-sepaled Button Celery (*Eryngium spinosepalum)*	CNPS 1B	Found in vernal pools of Fresno and Tulare Counties. Blooms April to May.	**Possible**. Suitable habitat in the form of vernal pools is present within the planning area. This species has been observed within the vicinity of the planning area (CNDDB 2012).
Sanford's Arrowhead (*Sagittaria sanfordii*)	CNPS 1B	Freshwater marshes, pond margins, slow moving rivers, irrigation canals of California's Central Valley and low Sierra Foothills. Blooms May-October.	**Likely.** This species has been observed by LOA biologist Jeff Gurule in Redbank Slough immediately downstream from the planning area's southern boundary. Other documented occurrences are reported in canals, ditches, and detention basins in and around the Fresno/Clovis area (CNDDB 2012).
Caper-fruited Tropidocarpum (*Tropidocarpum capparideum*)	CNPS 1B	Valley and foothill grassland. Blooms March-April.	**Unlikely.** Although suitable habitat exists in grassland areas within the planning area, populations in the Fresno area are likely extirpated. The only record of this species in the vicinity of the planning area is an historic documentation of this species recorded in the 1930's in Fresno (CNDDB 2012).

TABLE 1. LIST OF SPECIAL STATUS SPECIES THAT OCCUR OR MAY OCCUR IN THE VICINITY OF THE PLANNING AREA.

ANIMALS (adapted from CNDDB 2012)

Species Listed as Threatened or Endangered Under the Federal or State Endangered Species Acts

Species	Status	Habitat	Occurrence in the Planning area
Vernal Pool Fairy Shrimp (*Branchinecta lynchi*)	FT	Found in ruderal pools and vernal pools of California Central Valley.	**Present.** This species has been documented in numerous vernal pools within grassland habitats of the planning area (LOA obsv. and CNDDB 2012).
Vernal Pool Tadpole Shrimp (*Lepidurus packardi*)	FE	Primarily found in vernal pools of California's Central Valley.	**Possible**. Although no documented occurrences of this species have been recorded within the planning area, vernal pool habitat apparently suitable for this species is present. The nearest known population occurs on McKenzie Table approximately 10.5 miles to the north.
Valley Elderberry Longhorn Beetle (*Desmocerus californicus dimorphus*)	FT	Lives in mature elderberry shrubs of California's Central Valley and Sierra Foothills.	**Possible.** Suitable habitat for this species in the form of elderberry shrubs occurs within the planning area. The distribution of elderberry shrubs across the site is unknown.
California Tiger Salamander (Ambystoma californiense)	FT, CT	Found primarily in annual grasslands; requires seasonal pools for breeding and rodent burrows for refuge.	**Present.** This species has been documented in vernal pools within grassland habitats of the planning area (LOA obsv. and CNDDB 2012). Numerous vernal pools in the planning area provide suitable breeding habitat for this species. Ground squirrel and gopher burrows within surrounding grasslands provide suitable aestivation habitat for this species.
Bald Eagle (*Haliaeetus leucocephalus*)	CE, CP	Winters near reservoirs of California's Central Valley. Mostly feeds on fish in large bodies of water or rivers.	**Unlikely.** Although bald eagles winter and occasionally nest at Millerton Lake, the planning area provides little to no foraging habitat and unsuitable nesting habitat. Therefore, this species, at most, would occasionally pass over the site.
Swainson's Hawk (*Buteo swainsoni*)	CT	Uncommon resident but increasingly common migrant in the Central Valley. Forages in grasslands and fields close to riparian areas.	**Possible.** This species has been observed in the vicinity of the project site numerous times by LOA biologist Jeff Gurule. Grassland and agricultural habitats provide suitable foraging habitat. Onsite trees in less developed areas provide potential nesting habitat. No records of Swainson's hawk nesting has been documented within the planning area.
Western Yellow-billed Cuckoo (Coccyzus americanus occidentalis)	FC, CE	Occurs in valley foothill and desert riparian habitats in scattered locations in California Requires extensive gallery riparian forests for nesting.	**Absent.** The remnant riparian woodland is not nearly extensive enough to fulfill nesting requirements of this species. This species has not been observed in the Fresno area for over 100 years (CNDDB 2012).

TABLE 1. LIST OF SPECIAL STATUS SPECIES THAT OCCUR OR MAY OCCUR IN THE VICINITY OF THE PLANNING AREA.

ANIMALS (adapted from CNDDB 2012)

Species Listed as Threatened or Endangered Under the Federal or State Endangered Species Acts (cont.)

Species	Status	Habitat	Occurrence in the Planning area
Fresno Kangaroo Rat (Dipodomys nitratoides exilis)	FE, CE	Occurs in alkali scrub and herbaceous habitats with scattered shrubs in the southwestern San Joaquin Valley.	**Absent.** Suitable habitat is absent from the planning area.
San Joaquin Kit Fox (*Vulpes macrotis mutica)*	FE, CT	Occurs in desert alkali scrub and annual grasslands and may forage in adjacent agricultural habitats.	**Unlikely.** Numerous surveys conducted by LOA within and adjacent to the planning area have found no evidence of kit fox.

ANIMALS (adapted from CNDDB 2012)

State Species of Special Concern

Hardhead (*Mylopharodon conocephalus*)	CSC	Prefer clear, deep pools and runs with sand-gravel-boulder substrates in undisturbed areas of larger low to mid elevation streams.	**Absent.** Historically abundant in larger perennial waters of central California. Habitat required by this species is absent from creeks and waters within the planning area.
Western Spadefoot Toad (*Scaphoipus hammondii*)	CSC	Frequents annual grasslands and foothill hardwood woodlands; requires vernal pools or other temporary wetlands for breeding.	**Present.** This species has been documented in vernal pools within grassland habitats of the planning area (LOA obsv. and CNDDB 2012). Numerous vernal pools in the planning area provide suitable breeding habitat for this species. Ground squirrel and gopher burrows within surrounding grasslands provide suitable aestivation habitat for this species.
Western Pond Turtle (*Clemmys marmorata*)	CSC	Occurs in suitable aquatic habitats such as ponds and rivers throughout California.	**Possible.** This species may occur in natural or constructed aquatic environments within the planning area.
Golden Eagle (*Aquila chrysaetos*)	CSC, CP	Typically frequents rolling foothills, mountain areas, sage-juniper flats and desert.	**Present.** A golden eagle was observed foraging within the planning by LOA biologist Jeff Gurule in 2009. Suitable foraging habitat is present, but nesting habitat is absent.
Northern Harrier (*Circus cyaneus*)	CSC	Frequents grasslands, open rangelands, and emergent wetlands.	**Likely.** This species likely forages over the site, and may breed in marsh habitat associated with Dry Creek Reservoir.
White-tailed Kite (*Elanus caeruleus)*	CSC, CP	Open grasslands and agricultural areas throughout central California.	**Possible.** Grassland and agricultural habitats provide suitable foraging habitat. Onsite trees in less developed areas provide potential nesting habitat.
Burrowing Owl (*Athene cunicularia*)	CSC	Frequents open, dry grasslands, deserts and ruderal areas; requires rodent burrows for nesting and roosting cover.	**Present.** Burrowing owls have been observed by LOA biologists in grassland habitat east of Herndon Avenue. Grassland habitat within the planning area provides suitable foraging and nesting habitat for this species.

TABLE 1. LIST OF SPECIAL STATUS SPECIES THAT OCCUR OR MAY OCCUR IN THE VICINITY OF THE PLANNING AREA.

ANIMALS (adapted from CNDDB 2012)

State Species of Special Concern

Species	Status	Habitat	Occurrence in the Planning area
Long-eared Owl (*Asio otus*)	CSC	Frequents riparian woodlands and forests of California.	**Possible.** Possible nesting and roosting habitat is present in riparian trees associated with creeks within the planning area. Dave Hartesveldt of LOA has observed long-eared owls in riparian trees adjacent to agricultural land in Madera County.
Short-eared Owl (*Asio flammeus)*	CSC	Frequents marshes, grasslands, irrigated lands, dunes and other treeless habitats of the Central Valley and western Sierra Nevada foothills.	**Possible.** This species is not known to breed in this portion of Fresno County. Grasslands within the planning area provide suitable foraging habitat for this species. LOA biologists have observed short-eared owls within the vicinity of the planning area.
Loggerhead Shrike (*Lanius ludovicianus)*	CSC	Frequents open habitats with sparse shrubs and trees, other suitable perches, bare ground, and low herbaceous cover. Can often be found in cropland.	**Present.** LOA biologists have observed this species in less developed areas of the planning area. Less developed portions of the planning area provide potential foraging habitat and nesting habitat.
Tricolored Blackbird (*Agelaius tricolor)*	CSC	Frequents grassland and cropland habitats; requires proximity to fresh water and emergent wetland vegetation with dense cattails and thickets of willow for nesting.	**Possible.** This species nests in large colonies. Historic records of nesting colonies within the planning area have been documented. Habitat suitable to support a breeding colony potentially occurs along Redbank Slough, Dry Creek Reservoir, and in ponds supporting suitable emergent wetland vegetation. This species would potentially forage within the planning area with mixed flocks of red-winged blackbirds and Brewer's blackbirds.
Spotted Bat (*Euderma maculatum)*	CSC	Typically associated with prominent rocky habitats where it roosts in crevices, but is known to occur in a wide range of habitats.	**Possible.** The planning area provides suitable foraging habitat for this species, but the site provides no suitable roosting habitat for this species.
Townsend's Western Big-eared Bat (*Corynorhinus townsendii townsendii)*	CSC	Frequents all but subalpine and alpine habitats; requires buildings, mines, caves or tunnels for roosting and nesting.	**Possible.** The planning area provides possible foraging habitat for this species; potential roosting may occur in abandoned or little-used buildings.
Pallid Bat (Antrozous pallidus)	CSC	Frequents grasslands, shrub lands, woodlands and forests habitats; requires mines, caves or crevices for roosting and nesting.	**Possible.** The planning area provides possible foraging habitat for this species; potential roosting may occur in hollows of large trees or abandoned or little-used buildings.

TABLE 1. LIST OF SPECIAL STATUS SPECIES THAT OCCUR OR MAY OCCUR IN THE VICINITY OF THE PLANNING AREA.

ANIMALS (adapted from CNDDB 2012)

State Species of Special Concern

Species	Status	Habitat	Occurrence in the Planning area
Western Mastiff Bat (*Eumops perotis)*	CSC	Frequents grasslands to woodland habitats along the central and southern coast and the Central Valley; requires high buildings, cliff faces, or tunnels for roosting and nesting.	**Possible.** The planning area provides suitable foraging habitat for this species, but suitable roosting habitat is absent.
American Badger (*Taxidea taxus)*	CSC	Found in drier open stages of most shrub, forest and herbaceous habitats with friable soils.	**Possible.** Grassland habitats in the planning area provide suitable foraging and breeding habitat for this species**.**

* Explanation of Occurrence Designations and Status Codes

Present: Species observed on the site at time of field surveys or during recent past.
Likely: Species not observed on the site, but it may reasonably be expected to occur there on a regular basis.
Possible: Species not observed on the site, but it could occur there from time to time.
Unlikely: Species not observed on the site, and would not be expected to occur there except, perhaps, as a transient
Absent: Species not observed on the site, and precluded from occurring there because habitat requirements not met.

STATUS CODES

FE	Federally Endangered	CE	California Endangered
FT	Federally Threatened	CT	California Threatened
FPE	Federally Endangered (Proposed)	CR	California Rare
FC	Federal Candidate	CSC	California Species of Special Concern
		CP	California Fully Protected
		CNPS 1B	Plant is threatened or endangered

2.3 ENDANGERED, THREATENED, OR SPECIAL STATUS PLANT AND ANIMAL SPECIES MERITING FURTHER DISCUSSION

An expanded discussion of a few special status species listed in Table 2 is in order due to the ultimate influence the GPU could have on them. Omitted from this expanded discussion are special status species that may be present on the planning area from time to time (or even regularly), but that will not be appreciably affected in any way by the implementation of the Clovis GPU.

2.3.1 Special Status Vernal Pool Plants

As noted in Section 2.1 of this report, numerous vernal pools occur within the planning area. These pools, most of which occur in grassland areas north of Herndon Ave., provide habitat suitable for four federally and state listed plant species endemic (native) to vernal pools. These include the succulent owl's-clover, San Joaquin Valley orcutt grass, hairy orcutt grass, and Greene's tuctoria. In addition, these pools provide suitable habitat for the spiny-sepaled button celery and dwarf downingia, species listed as rare by the CNPS. All of these species have been documented in vernal pools located within five miles of the planning area. An historic record of Greene's tuctoria has been documented within the planning area, but the species is considered extirpated from that location. The succulent owl's-clover has been documented within the planning area and populations are presumed extant.

2.3.2 San Joaquin Adobe Sunburst

The federally endangered San Joaquin adobe sunburst has a very limited range within California, occurring from Fresno County on the north to Kern County on the south. This annual member of the sunflower family occurs as widely scattered populations in heavy clay soils of the Centerville, Cibo, Porterville, and Mt. Olive series, where it is part of a sparse annual grassland plant association. Almost all populations have been documented within the interface of the eastern end of the San Joaquin Valley and the lowest foothills of the Sierra Nevada Range.

This species is documented within the planning area in avoided grassland habitat containing Centerville clay soils within the Quail Lakes development (CNDDB 2012). Undeveloped Centerville and Mt. Olive clay soils within the planning area may support additional populations of this species (see Heavy Clay Soils on Figure 3).

2.3.3 Madera Leptosiphon

The non-native grassland habitat of the planning area provides suitable habitat for the Madera leptosiphon. This species has been placed by the California Native Plant Society on its List 1B (Plants Rare, Threatened, or Endangered in California and Elsewhere). The Madera leptosiphon is a species occurring in non-native grasslands and oak woodlands of the Sierra Nevada foothills from Madera County on the north to Kern County on the south. Although most documented

occurrences of this species are at elevations greater than 1,000 feet, an extant population has been observed by LOA biologists in Millerton Lake State Park 7.5 miles north of the planning area at an elevation of approximately 600 ft NGVD. The proximity of the Planning area to the Millerton Lake State Park where this species occurs suggests that grassland areas within the planning area could provide habitat for this species.

2.3.4 Vernal Pool Fairy Shrimp

The vernal pools within the planning area provide habitat for the federally threatened vernal pool fairy shrimp, an invertebrate species occurring in vernal pools (and other seasonal aquatic habitat throughout most of California west of the Sierra Nevada). This species has been identified in vernal pools north of Herndon Ave. by LOA biologists, with additional sightings within the planning area occurring in the CNDDB (LOA 2007, CNDDB 2012). Due to the documented presence of this species in the planning area and its widespread distribution in vernal pools of the region, it is reasonable to conclude that many of the vernal pools in the planning area are occupied by vernal pool fairy shrimp.

2.3.5 Vernal Pool Tadpole Shrimp

The federally endangered vernal pool tadpole shrimp inhabits seasonal pools of the San Joaquin and Sacramento Valleys and adjoining basalt tabletops of the lower Sierra Nevada foothills. This species is known to inhabit vernal pools ranging in size from two square meters to the 89-acre Olcott Lake at Jepson Prairie. Vernal pool tadpole shrimp have been documented on the McKenzie Table seven miles northeast of the planning area.

This species has not been documented within the planning area. However, the planning area offers suitable habitat for this species in the form of vernal pools of various sizes, and in the absence of comprehensive branchiopod surveys, this species may be assumed to occur in some of the planning area vernal pools.

2.3.6 California Tiger Salamander

The California tiger salamander (CTS) is listed as state and federally threatened. The CTS occurs in areas within Madera and Fresno Counties where vernal pool complexes are located

within extensive grassland habitats. Vernal pools that hold water for 3-4 months of the winter and spring provide likely breeding habitat for the CTS. The CTS larvae mature in these vernal pools as they begin to dry in April and May. The young adult CTS leave the drying pools to find the burrows of California ground squirrels and pocket gophers in which to aestivate (oversummer). While CTS may wander a mile or more from the biological evaluation breeding habitat in search of aestivation habitat, studies of CTS aestivation indicate that 95% of all postbreeding adult salamanders aestivate within 0.4 mile of breeding habitat (Trenham and Shaffer 2005).

Although systematic surveys consistent with USFWS survey protocols have not been conducted for the CTS within the planning area, a number of vernal pools scattered throughout grassland habitats in the planning area provide suitable breeding habitat for the CTS. CTS presence has been documented by LOA biologists in vernal pools north of Herndon Ave., with additional sightings within the planning area occurring in the CNDDB (LOA 2007, CNDDB 2012). The surrounding grasslands provide suitable aestivation habitat for this species. Where the CTS occurs on a site, it is generally assumed that CTS breed in all accessible pools that hold water for a duration sufficient for its larvae to mature into young adults. In the absence of systematic and focused surveys for the CTS across suitable habitats in the planning area, the many large deep vernal pools scattered throughout planning area grasslands are presumed to harbor breeding populations.

2.3.7 Western Spadefoot

The California Department of Fish and Game has listed the western spadefoot as a California Species of Special Concern. The western spadefoot typically breeds between January and May in seasonal ponds occurring in chaparral, short grass plains or coastal sage scrub. For the larvae to survive, development must be complete before the ponds dry. Mostly active at night, the spadefoot has adapted to digging in sandy soils and finding refugia in small rodent burrows, creating aestivation habitat that protects it from hot, arid daytime conditions.

Vernal pools in the planning area provide suitable breeding habitat for the western spadefoot. Rodent burrows within surrounding grasslands provide suitable aestivation habitat. Western

spadefoot have been documented within the boundaries of the planning area (LOA 2007, CNDDB 2012) and are presumed present throughout grassland habitats within the planning area.

2.3.8 Western Pond Turtle

The western pond turtle is the only native aquatic, freshwater turtle in California and normally associates with permanent or nearly permanent aquatic habitats, including streams, lakes, and ponds. Historically, this species occurred in Pacific Coast drainages from Washington to Mexico. This species occurs in aquatic habitats with 1) basking sites such as rocks and logs, 2) dense stands of submergent or emergent vegetation, 3) abundant aquatic invertebrate resources, 4) suitable nearby nesting sites, and 5) a lack of native and exotic predators (Bury 1972; Jennings and Hayes 1994; Bury and Holland, in press). This species can move along streams up to 3.1 miles (5 kilometers) in a short period of time, and they can tolerate at least 7 days without water (Jennings and Hayes 1994; Bury and Holland, in press).

The many ponds and small lakes within rural areas of the planning area provide suitable habitat for this species.

2.3.9 Swainson's Hawk

The California threatened Swainson's hawk is a migrant species that spends much of the spring, summer, and early fall in California's Central Valley. Preferred nesting habitat consists of valley oaks, cottonwoods, and other tall trees adjacent to agricultural fields and grasslands. Swainson's hawks are becoming increasingly common within the Central Valley and have been observed in grassland and agricultural habitats adjacent to the Fresno/Clovis Metropolitan Area numerous times in the last five years by LOA biologist Jeff Gurule. Given recent expansion of the Central Valley Swainson's hawk population, it is possible that agricultural, grassland, and rural residential areas may support foraging and possibly nesting Swainson's hawks.

2.3.10 Burrowing Owl

The burrowing owl, a California species of concern, is a small owl occurring in grassland habitats of the Central Valley that support California ground squirrels. This owl seeks shelter in ground squirrel burrows throughout the year and breeds in these burrows from February through

July. Owl populations have declined sharply in some portions of California during the past two decades (i.e. the San Francisco Bay Area, Sacramento County, San Joaquin County, etc.), but they have increased greatly in some agricultural counties (particularly Imperial). In Fresno and Madera Counties, these owls most commonly occur on the valley floor. They are not as common in foothill habitats, and are entirely absent from areas of oak woodlands and chaparral.

Grassland habitats of the planning area provide suitable foraging and nesting habitat for the burrowing owl. Burrowing owls have been observed in grasslands north of Herndon Ave. by LOA biologists. Burrowing owls could be distributed widely over grasslands of the planning area.

2.3.11 San Joaquin Kit Fox

The federally endangered and California threatened San Joaquin kit fox once occurred throughout much of the San Joaquin Valley, but this species favored areas of alkali sink scrub and alkali grassland in the trough of the San Joaquin Valley and Tulare Basin, as well as areas further west. The low foothills of the Sierra Nevada found at the eastern edge of the San Joaquin Valley must at best be considered at the margin of this species' natural range. In fact, there is no record of anyone ever having seen a kit fox east of Highway 99 in Madera County. The nearest confirmed record of a small kit fox population to the planning area is western Madera County approximately 40 miles away.

There are a number of mostly unverified sightings of kit fox in Fresno County from just south of the San Joaquin River south to Piedra (USFWS 1998). Two of these sightings are highly unlikely, since they appear to be at elevations of 1,000 to 2,000 feet in oak woodland habitat with a known brushy understory. This type of habitat is not known to be used by kit foxes. These two records must almost certainly be gray foxes. One sighting that is now 13 years old was from a location just east of Friant Road (Figure 11). The fact that no one has reported any kit fox sightings before or since that 1994 sighting suggests that this individual, if indeed a kit fox, was a transient that had strayed far from known populations.

A number of kit fox surveys conducted in recent years have failed to turn up any evidence of this species in the Millerton and Friant area (approximately 7 miles north of the planning area's

northern boundary). Curt Uptain of the San Joaquin Valley Endangered Species Recovery team conducted a 3-day survey of the Millerton Specific Plan Area in 1997. He concluded at that time that the site did not constitute good habitat for kit foxes, due to lack of suitable denning habitat and the presence of predators (i.e. coyotes, bobcats, raptors, etc.). He reiterated his opinions during a reconnaissance field survey of the area in March of 2002 (Curt Uptain, pers. commun.). LOA conducted den surveys on portions of the Millerton Specific Plan Area in the spring of 2002, as well as on lands just north of the San Joaquin River in Madera County. These surveys included the use of camera stations and track plates wherever burrows were arguably of a size suitable for kit foxes. No evidence of kit foxes was detected during these surveys. In October of 2003, LOA conducted an extensive survey for the San Joaquin kit fox on lands fronting Friant Road in Fresno County. This study involved den surveys, photo stations, track plates, and night spotlighting. The results of these surveys persuaded the Federal Highway Administration that a kit fox population was absent from the area. LOA also conducted den surveys in open habitats north of Herndon Ave. without detecting any sign of kit foxes.

Based on the available evidence, it appears that a kit fox population is absent from the planning area and surrounding lands.

2.4 SENSITIVE HABITATS

Sensitive habitats are those that are of limited distribution, distinguished by significant biological diversity, home to special status plant and animal species, of importance in maintaining water quality or sustaining flows, etc. Examples of sensitive habitats in the vicinity of the planning area would include vernal pools and various types of riparian forest.

The planning area supports several large areas of vernal pool habitat (including vernal swales), also known as “Northern Hardpan Vernal Pools” as defined by the CDFG (CNDDB 2012). CDFG recognizes this habitat supports native flora and fauna endemic to such habitats, many of which have been designated as threatened or endangered by the state and/or federal government. This habitat type has been eliminated throughout much of its former range and is now relatively uncommon in the San Joaquin Valley.

While not extensive, the planning area supports some areas of riparian forest associated with portions of Little Dry Creek, Dry Creek, Dog Creek, and Redbank Slough. Riparian areas are also recognized by CDFG as having special value for a diversity of native flora and fauna. Riparian habitat, once extensive throughout the San Joaquin Valley has been eliminated throughout much of its former range and is now relatively uncommon.

2.5 MOVEMENT CORRIDORS

Many terrestrial animals need more than one biotic habitat in order to perform all of their biological activities. With increasing encroachment of humans on wildlife habitats, it has become important to establish and maintain linkages, or movement corridors, for animals to be able to access locations containing different biotic resources that are essential to maintaining their life cycles. Terrestrial animals use ridges, canyons, riparian areas, and open spaces to travel between their required habitats.

The importance of an area as a "movement corridor" depends on the species in question and its consistent use patterns. Animal movements generally can be divided into three major behavioral categories:

- Movements within a home range or territory;
- Movements during migration; and
- Movements during dispersal.

While no detailed study of animal movements has been conducted for the planning area, knowledge of the site, its habitats, and the ecology of the species potentially occurring onsite permits reasonable predictions about the types of movements occurring in the region and whether or not proposed development would constitute a significant impact to animal movements.

The natural drainages occurring within the planning area provide movement corridors, though often broken by urban development, for local wildlife species. However, these drainages are expected to facilitate regional movements of only some wildlife species, as the natural

characteristics of these drainages such as developed riparian vegetation, associated wetlands, and natural banks have been significantly altered through human urban and agricultural development within the planning area. Moreover, with the exception of the very small portion of Little Dry Creek that flows through the planning area, these drainages lead to the Fresno/Clovis Metropolitan Area which serves neither as a source of significant wildlife movement or a preferable destination for wildlife.

As noted in Section 2.1, a number of reptiles, birds, and mammals may use the planning area itself as part of their home range and dispersal movements. The movements of these species, however, do not indicate that any portion of the planning area outside of the Clovis landfill section functions as a significant movement corridor. Given the linkage provided by Little Dry Creek between the San Joaquin River and foothill environments, this feature is a potentially important movement corridor to native wildlife.

2.6 WATERS OF THE U.S. AND OTHER JURISDICTIONAL WATERS

Waters of the U.S. and other jurisdictional waters (hereafter referred to as "jurisdictional waters") include rivers, creeks, and drainages that have a defined bed and bank and which, at the very least, carry ephemeral flows. Jurisdictional waters also include lakes, ponds, reservoirs, and wetlands. Such waters may be subject to the regulatory authority of the U.S. Army Corps of Engineers (USACE), the California Department of Fish and Game (CDFG), and the California Regional Water Quality Control Board (RWQCB). See Section 3.2.4 of this report for additional information.

Dog Creek, Dry Creek, Redbank Slough, and Little Dry Creek (and their tributaries, impoundments, and adjacent wetlands) have all been claimed as Waters of the United States and Waters of California by the USACE and RWCQB, respectively. These drainages are characterized as having a defined bed and bank and are hydrologically connected to other waters of the U.S., as they are tributary to the San Joaquin River. The limit of USACE jurisdiction, as well as that of the RWQCB, would be the ordinary high water (OHW) level. The creeks are also subject to the jurisdiction of the CDFG up to the top of bank or the edge of associated riparian vegetation, whichever is greater.

Three major irrigation canals—Friant-Kern Canal, Enterprise Canal, and Gould Canal—run through the site. While artificial waterways such as canals are typically not claimed by the agencies, these canals are connected on both ends to Waters of the U.S. and, thus, have been claimed as jurisdictional by the USACE. The jurisdictional status of other minor canals, while likely not jurisdictional, would have to be determined on a case by case basis.

Constructed lakes and ponds adjacent to or hydrologically connected to jurisdictional drainages and canals may, themselves, be considered jurisdictional by the USACE and RWQCB as well as the CDFG. Areas meeting the three wetland criteria (i.e., vegetation, hydrology, and soils) such as vernal pools and wetland swales adjacent or hydrologically connected to jurisdictional drainages or canals may, themselves, be considered jurisdictional by the USACE and RWQCB. If wetland features can be demonstrated to be hydrologically isolated from jurisdictional drainages the USACE may not exert jurisdiction over them. However, the RWQCB would still likely regulate activities affecting these features. The CDFG typically only claims jurisdiction over natural drainages and, therefore, is unlikely to regulate wetlands or manmade irrigation features such as the canals mentioned above. However, CDFG would likely claim jurisdiction over constructed ponds that supported aquatic life and/or riparian vegetation.

At the level of effort put forth for this study and limited access to private lands within the planning area, a map has been prepared that identifies known jurisdictional waters and identifies undeveloped grassland areas containing likely jurisdictional waters. This information is based on LOA's knowledge of the area, a USGS blue-line GIS layer, past correspondence with the above agencies regarding jurisdictional status of hydrologic features within the planning area, and the presence of vernal pool or seasonal wetland signatures within undeveloped grassland areas on high resolution aerial photography. However, because the planning area was not comprehensively assessed for the presence of jurisdictional waters, many small wetland areas and ponds within developed lands, primarily within rural residential areas, have not been included in Figure 3. The jurisdictional status of these areas is unknown at this time and would need to be evaluated on a case-by-case basis to determine if these features would be regulated by the USACE, CDFG, and/or RWQCB.

Functioning wastewater treatment ponds and constructed stormwater detention basins would not be regulated by the USACE, RWQCB, or CDFG. However, it is important to note that these three agencies are the final arbiters and reserve the right to claim or disclaim jurisdiction over any hydrologic feature.

3.0 IMPACTS AND MITIGATIONS

3.1 SIGNIFICANCE CRITERIA

Approval of general plans, area plans, and specific projects is subject to the provisions of CEQA. The purpose of CEQA is to assess the impacts of proposed projects on the environment before they are carried out. CEQA is concerned with the significance of a proposed project's impacts. For example, a proposed development project may require the removal of some or all of a site's existing vegetation. Animals associated with this vegetation could be destroyed or displaced. Animals adapted to humans, roads, buildings, pets, etc., may replace those species formerly occurring on the site. Plants and animals that are state and/or federally listed as threatened or endangered may be destroyed or displaced. Sensitive habitats such as wetlands and riparian woodlands may be altered or destroyed.

Whenever possible, public agencies are required to avoid or minimize environmental impacts by implementing practical alternatives or mitigation measures. According to Section 15382 of the CEQA Guidelines, a significant effect on the environment means a "substantial, or potentially substantial, adverse change in any of the physical conditions within the area affected by the project, including land, air, water, minerals, flora, fauna, ambient noise, and objects of historic or aesthetic interest."

Specific project impacts to biological resources may be considered "significant" if they would:

- Have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Game or U.S. Fish and Wildlife Service;

- Have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, regulations or by the California Department of Fish and Game or U.S. Fish and Wildlife Service;

- Have a substantial adverse effect on federally protected wetlands as defined by Section 404 of the Clean Water Act (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means;

- Interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites;

- Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance; or

- Conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan.

Furthermore, CEQA Guidelines Section 15065(a) states that a project may trigger the requirement to make a "mandatory finding of significance" if the project has the potential to

> Substantially degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, reduce the number or restrict the range of an endangered, rare or threatened species, or eliminate important examples of the major periods of California history or prehistory.

3.2 RELEVANT GOALS, POLICIES, AND LAWS

3.2.1 Threatened and Endangered Species

State and federal "endangered species" legislation has provided the CDFG and the USFWS with a mechanism for conserving and protecting plant and animal species of limited distribution and/or low or declining populations. Species listed as threatened or endangered under provisions of the state and federal endangered species acts, candidate species for such listing, state species of special concern, and some plants listed as endangered by the California Native Plant Society are collectively referred to as "species of special status." Permits may be required from both the CDFG and USFWS if activities associated with a proposed project will result in the "take" of a listed species. "Take" is defined by the state of California as "to hunt, pursue, catch, capture, or kill, or attempt to hunt, pursue, catch, capture or kill" (California Fish and Game Code, Section 86). "Take" is more broadly defined by the federal Endangered Species Act to include "harm" (16 USC, Section 1532(19), 50 CFR, Section 17.3). Furthermore, the CDFG and the USFWS are responding agencies under CEQA. Both agencies review CEQA documents in order to determine the adequacy of their treatment of endangered species issues and to make project-specific recommendations for their conservation.

3.2.2 Migratory Birds

State and federal laws also protect most birds. The Federal Migratory Bird Treaty Act (16 U.S.C., scc. 703, Supp. I, 1989) prohibits killing, possessing, or trading in migratory birds, except in accordance with regulations prescribed by the Secretary of the Interior. This act encompasses whole birds, parts of birds, and bird nests and eggs.

3.2.3 Birds of Prey

Birds of prey are also protected in California under provisions of the State Fish and Game Code, Section 3503.5, which states that it is "unlawful to take, possess, or destroy any birds in the order *Falconiformes* or *Strigiformes* (birds of prey) or to take, possess, or destroy the nest or eggs of any such bird except as otherwise provided by this code or any regulation adopted pursuant thereto." Construction disturbance during the breeding season could result in the incidental loss of fertile eggs or nestlings, or otherwise lead to nest abandonment. Disturbance that causes nest abandonment and/or loss of reproductive effort is considered "taking" by the CDFG.

3.2.4 Waters of the U.S. and Other Jurisdictional Waters

Natural drainage channels and adjacent wetlands may be considered "Waters of the United States" (hereafter referred to as "jurisdictional waters") subject to the jurisdiction of the U.S. Army Corps of Engineers (USACE). The extent of jurisdiction has been defined in the Code of Federal Regulations but has also been subject to interpretation of the federal courts. Jurisdictional waters generally include:

- All waters which are currently used, or were used in the past, or may be susceptible to use in interstate or foreign commerce, including all waters which are subject to the ebb and flow of the tide;
- All interstate waters including interstate wetlands:
- All other waters such as intrastate lakes, rivers, streams (including intermittent streams), mudflats, sandflats, wetlands, sloughs, prairie potholes, wet meadows, playa lakes, or natural ponds, the use, degradation or destruction of which could affect interstate or foreign commerce;
- All impoundments of waters otherwise defined as waters of the United States under the definition;
- Tributaries of waters identified in paragraphs (a)(1)-(4) (i.e. the bulleted items above).

As recently determined by the United States Supreme Court in *Solid Waste Agency of Northern Cook County v. U.S. Army Corps of Engineers* (the SWANCC decision), channels and wetlands isolated from other jurisdictional waters cannot be considered jurisdictional on the basis of their use, hypothetical or observed, by migratory birds.

The USACE regulates the filling or grading of such waters under the authority of Section 404 of the Clean Water Act. The extent of jurisdiction within drainage channels is defined by "ordinary high water marks" on opposing channel banks. Wetlands are habitats with soils that are intermittently or permanently saturated, or inundated. The resulting anaerobic conditions select for plant species known as hydrophytes that show a high degree of fidelity to such soils. Wetlands are identified by the presence of hydrophytic vegetation, hydric soils (soils saturated intermittently or permanently saturated by water), and wetland hydrology according to methodologies outlined in the 1987 Corps of Engineers Wetlands Delineation Manual (USACE 1987).

All activities that involve the discharge of fill into jurisdictional waters are subject to the permit requirements of the USACE (Wetland Training Institute, Inc. 1991). Such permits are typically issued on the condition that the applicant agrees to provide mitigation that result in no net loss of wetland functions or values. No permit can be issued until the Regional Water Quality Control Board (RWQCB) issues a certification (or waiver of such certification) that the proposed activity will meet state water quality standards. The filling of isolated wetlands, over which the USACE has disclaimed jurisdiction, is regulated by the RWQCB. It is unlawful to fill isolated wetlands without filing a Notice of Intent with the RWQCB. The RWQCB is also responsible for enforcing National Pollution Discharge Elimination System (NPDES) permits, including the General Construction Activity Storm Water Permit. All projects requiring federal money must also comply with Executive Order 11990 (Protection of Wetlands).

The California Department of Fish and Game has jurisdiction over the bed and bank of natural drainages according to provisions of Section 1601 and 1602 of the California Fish and Game Code (2003). Activities that would disturb these drainages are regulated by the CDFG via a Streambed Alteration Agreement. Such an agreement typically stipulates that certain measures will be implemented which protect the habitat values of the drainage in question.

3.2.5 Local Policies or Habitat Conservation Plans

It is assumed that the City of Clovis will be concurrently updating existing general plan policies related to the protection of biological resources. Proposed land uses within the GPU area should be in compliance with these policies, wherever possible. No habitat conservation plans are known to be in effect for the City of Clovis and surrounding areas.

3.3 IMPACTS AND MITIGATIONS SPECIFIC TO THE PROJECT SITE

The City of Clovis has established a GPU area of 43,569 acres for which an overall precedent will be set for future land use. The GPU establishes growth lines for the City of Clovis to the year 2035. Over time, development or land use changes will extend into these areas to accommodate new growth. However, projected growth beyond the 2035 boundary is also incorporated into the GPU. The sensitive or protected biotic resources in and around the Clovis area will likely be impacted by future development as a result of the conversion of agricultural and undeveloped lands to residential, commercial, and industrial development.

Although potentially suitable habitat is present within the GPU area for a number of sensitive species and habitats, these resources would be restricted to certain areas within the planning area. Therefore, habitat zones have been identified within the planning area consisting of Urban, Rural, and Drainage/Canal. Urban lands include all highly developed lands associated with commercial, industrial, single and multifamily residential areas, and associated infrastructure such as detention basins, and other land uses under significant influence of the urban environment. Rural areas include rural residential, agriculture, and grassland/seasonal wetland areas. Drainage/canals include all natural, altered-natural, and manmade water conveyance features and associated riparian habitat. Impacts to specific biological resources have been evaluated for each of these three zones. Evaluation of impacts by zones was established to aid City planners in their consideration of potential impacts to sensitive or protected biological resources when considering certain areas for future projects and growth.

Specific projects have not been proposed at this time. However, the following subsections evaluate the impact such development may have on sensitive or protected biological resources

and provide a mitigation matrix to be followed to ensure impacts to these resources from future projects are reduced to a less than significant level (see Table 3).

Table 3. Clovis GPU Mitigation Matrix

Step 1: Biological Resource/Habitat Assessment	A qualified biologist will conduct a reconnaissance level field survey of individual project sites for the presence and quality of biological resources potentially affected by project development. These resources include, but are not limited to, special status species or their habitat, sensitive habitats such as wetlands or riparian areas, and jurisdictional waters. If sensitive or protected biological resources are absent from the project site and adjacent lands potentially affected by the project, the biologist shall submit a written report stating such to the City of Clovis, and the project may proceed without any further biological investigation. If sensitive or protected biological resources are present on the project site or may be potentially affected by the project, proceed to Step 2.
Step 2: Impact Assessment	A qualified biologist will evaluate impacts to sensitive or protected biological resources from project development. The impact assessment may require focused surveys that determine absence or presence and distribution of biological resources on the site. These surveys may include, but are not limited to: 1) focused special status animal surveys if suitable habitat is present; 2) appropriately timed focused special status plant surveys that will maximize detection and accurate identification of target plant species; 3) a delineation of jurisdictional boundaries around potential waters of the U.S. or State. The results of these surveys will assist in assessing actual project impacts. Alternatively, the project applicant may forgo focused plant and animal surveys and assume presence of special status species in all suitable habitats on the project site. Once project related impacts have been evaluated, proceed to Step 3.
Step 3: Avoidance Mitigation	The project should avoid potential impacts to sensitive or protected biological resources. Depending on the resources potentially present on the project site avoidance may include: 1) establishing appropriate no-disturbance buffers around on-site or adjacent resources and/or 2) initiating construction at a time when special status or protected animal species will not be vulnerable to project related mortality (e.g.. outside the avian nesting season or bat maternal or wintering roosting season). Consultation with relevant regulatory agencies may be required in order to establish suitable buffer areas. If the project avoids all sensitive or protected biological resources, no further action is required. If resource avoidance is not feasible, proceed to Step 4.
Step 4: Minimization Mitigation	Project proponents should design the project to minimize potential impacts to sensitive or protected biological resources, in consultation with a qualified biologist and/or appropriate regulatory agency staff. In addition to an environmentally sensitive project design, other minimization measures may include1) exclusion and/or silt fencing; 2) relocation of impacted resources; 3) construction monitoring by a qualified biologist; and 4) an informative training program conducted by a qualified biologist for construction personnel on sensitive biological resources that may be impacted by project construction. Proceed to Step 5. If project minimization is not practicable or adequate, proceed to Step 5.

Table 3 (cont.). Clovis GPU Mitigation Matrix	
Step 5: Compensatory Mitigation	A qualified biologist will develop appropriate mitigations that will reduce project impacts to sensitive or protected biological resources to a less than significant level. The type and amount of mitigation will depend on the resources impacted, the extent of the impacts, and the quality of habitats to be impacted. Mitigations may include, but are not limited to: 1) Compensation for lost habitat or waters in the form of preservation or creation of in-kind habitat or waters, either onsite or offsite, protected by conservation easement; 2) Purchase of appropriate credits from an approved mitigation bank servicing the Clovis GPU area; 3) Payment of in lieu fees. If jurisdictional waters or state or federally threatened or endangered species will be impacted, appropriate permits will be required; proceed to Step 6.
Step 6: Permitting	Individual project impacts to waters of the U.S. and other jurisdictional waters will require compliance with the federal Clean Water Act, California Water Code, and/or California Fish and Game Code. Accordingly, project applicants should obtain appropriate permit authorization for such impacts. The types of permits potentially required for impacts to jurisdictional waters are a Clean Water Act permit issued by the USACE, a California Water Certificate or Waste Discharge Order issued by the RWQCB, and Stream Alteration Agreement issued by the CDFG. Individual project impacts to federally or state listed species will require compliance with the federal and state Endangered Species Acts. Accordingly, project applicants should obtain appropriate permit authorization for such impacts. The types of permits potentially required for impacts to state or federally listed species are a Biological Opinion issued by the USFWS and/or an Incidental Take Permit issued by the CDFG. In issuing these permits, each responsible agency is required to ensure that the proposed mitigation meets the standards for mitigation requirements under each Act and/or Code. Consultation with the agencies regarding mitigation strategy is recommended.

Less than Significant Impacts

3.3.1 Impacts to Special Status Plant Species Absent or Unlikely within the Planning Area

Potential Impacts. Of the 13 special status plant species potentially occurring in the region, 10 have either been documented on the site or have the potential to occur within the planning area. The remaining three species, Califronia jewel flower, Hartweg's golden sunburst, and caper-fruited tropidocarpum are either absent or unlikely to occur in the planning area due to the absence of suitable habitat and/or that the planning area is well outside the species current known range. Possible impacts to regional populations of these three species from eventual site development will not occur due to their absence from the site.

Mitigation. None warranted.

3.3.2 Impacts to Special Status Animal Species Absent or Unlikely within the Planning Area

Potential Impacts. Of the 25 special status animal species potentially occurring in the region, a total of 20 may utilize or reside within the planning area. Five of the remaining species, the western yellow-billed cuckoo, Fresno kangaroo rat, San Joaquin kit fox, hardhead, and bald eagle would not occur or would be unlikely to occur on the site due to the absence of suitable habitat or because the planning area is outside the known range for the species. Possible impacts to regional populations of these five species from implementation of the GPU will not be significant as none of these special status animals would be impacted.

Mitigation. None warranted.

3.3.3 Impacts from Loss of Foraging Habitat to Special Status Animal Species Potentially Foraging within the Planning Area

Potential Impacts. Three species would occur on the site as foragers, only, and breed/nest/roost elsewhere. These include the short-eared owl, California mastiff bat, and spotted bat. Full implementation of the GPU would result in the loss of some foraging habitat for these three species. However, the planning area does not represent unique foraging habitat for these species and similar abundant foraging habitat would continue to exist within the region after implementation of the GPU. Therefore, the loss of foraging habitat from GPU implementation would not significantly impact regional populations of these species.

Mitigation. None warranted.

3.3.4 Impacts to Movement Corridors

Impact. Although drainages may facilitate the movement of local, common wildlife species occurring in the planning area, the planning area does not appear to contain significant "movement corridors" for native wildlife. As described in detail in Section 2.5, with the exception of Little Dry Creek through the Clovis landfill area, these features lead to the urban environments of the Fresno/Clovis metropolitan area and therefore do not provide any linkage between significant or necessary habitats for native wildlife species. A considerable amount of

open space lands in the planning area and surrounding lands will continue to be used by native species for home range and dispersal movements. It is understood that the implementation of the GPU will not facilitate development within the Little Dry Creek corridor. Therefore, implementation of the GPU will have a less than significant effect on movement corridors.

Mitigation. None warranted.

3.3.5 Local Policies or Habitat Conservation Plans

Potential Impacts. It is assumed that all future development within the GPU area would be in compliance with the provisions of the City of Clovis General Plan polices. No known Habitat Conservation Plans are in effect for the Clovis area.

Mitigation. None warranted.

Potentially Significant Impacts

3.3.6 Impacts to Special Status Vernal Pool Plants

Urban and Drainage/Canal Zones

Impact. Vernal pool habitat required by these species is absent from these zones. Impacts to these species within these zones would be absent.

Mitigation. None warranted.

Rural Zone

Impact. Special status vernal pool plants described in Section 2.3.1 occur or potentially occur in seasonal wetlands associated with grassland habitats in the planning area. Seasonal wetland areas in rural residential areas offer marginal habitat for special status plant species due to the high level of human activity in these areas. Given the historic and ongoing loss of vernal pool habitat required by these species in this portion of Fresno and Madera Counties, any impacts to this species or occupied habitat are considered significant.

Mitigation. To reduce impacts to these species from future projects that result from the implementation of the GPU, project applicants will follow the mitigation matrix presented in Table 3 prior to development or project approval.

3.3.7 Impacts to the San Joaquin Golden Sunburst

Urban and Drainage/Canal Zones

Impact. Undisturbed heavy clay soils required by this species are absent from these zones. Impacts to this species within these zones would be absent.

Mitigation. None warranted.

Rural Zone

Impact. The San Joaquin adobe sunburst is known to occur in the planning area (Figure 3). A population of San Joaquin adobe sunburst occurs on approximately 7.5 acres of preserved land within the Quail Lakes residential development. As discussed in Section 2.3.1, this species requires undisturbed heavy clay soils of the Centerville, Cibo, Porterville, or Mt. Olive series. Of these four soil series, only two are found within the planning area, Centerville clays and Mt. Olive clays. Undisturbed areas containing these soils have been mapped as heavy clay soils on Figure 3. Development of lands containing these soils would have the potential to eliminate an as-yet-unknown population of this sensitive plant species. Impacts to San Joaquin adobe sunburst are therefore considered potentially significant.

Mitigation. To reduce impacts to this species from future projects that result from the implementation of the GPU, project applicants will follow the mitigation matrix presented in Table 3 prior to development or project approval.

3.3.8 Impacts to the Madera Leptosiphon

Urban and Drainage/Canal Zones

Impact. Grassland or suitable woodland habitats required by this species are absent from these zones. Impacts to this species within these zones would be absent.

Mitigation. None warranted.

Rural Zone

Impact. As discussed in Section 2.3.3, Madera leptosiphon is known to occur in oak woodland habitat within the project vicinity (Figure 5). Other populations have been documented in grassland habitats. Undisturbed grassland areas within the planning area provide potential habitat for this species. Development of lands within these grassland areas would have the potential to eliminate an as-yet-unknown population of this sensitive plant species. Impacts to Madera leptosiphon are therefore considered potentially significant.

Mitigation. To reduce impacts to this species from future projects that result from the implementation of the GPU, project applicants will follow the mitigation matrix presented in Table 3 prior to development or project approval.

3.3.9 Impacts to Sanford's Arrowhead

Urban, Rural, and Drainage/Canal Zones

Impact. This species is known to occur in slow moving creeks, earthen canals and detention basins within the project vicinity, including an offsite, downstream reach of Redbank Slough, and likely occurs within the planning area proper. Similar habitats occurring within all zones of the planning area potentially support populations of Sanford's arrowhead. Projects resulting from the implementation of the GPU that impact these habitats either directly or through altering the hydrology of these features may eliminate an as-yet-unknown population of this sensitive plant species. Impacts to Sanford's arrowhead are therefore considered potentially significant.

Mitigation. To reduce impacts to this species from future projects that result from the implementation of the GPU, project applicants will follow the mitigation matrix presented in Table 3 prior to development or project approval.

3.3.10 Impacts to Vernal Pool Fairy Shrimp and Vernal Pool Tadpole Shrimp

Urban and Drainage/Canal Zones

Impact. Vernal pool habitat required by these species is absent from these zones. Impacts to these species within these zones would be absent.

Mitigation. None warranted.

Rural Zone

Impact. The federally threatened vernal pool fairy shrimp has been documented within the planning area in vernal pools within grassland habitat and seasonally inundated areas within rural residential habitat. Although the federally endangered vernal pool tadpole shrimp has not been documented within the planning area, it may occupy similar or the same habitat as the vernal pool fairy shrimp. These species may be present in vernal pools or seasonally inundated areas across this zone. Given the historic and ongoing loss of habitat for this species in this portion of Fresno and Madera Counties any impacts to these species or occupied habitat would be considered significant.

Mitigation. To reduce impacts to these species from future projects that result from the implementation of the GPU, project applicants will follow the mitigation matrix presented in Table 3 prior to development or project approval.

3.3.11 Impacts to California Tiger Salamander

Urban and Drainage/Canal Zones

Impact. Vernal pool habitat required for breeding and grassland habitat required for aestivation by this species is absent from these zones. Impacts to this species within these zones would be absent.

Mitigation. None warranted.

Rural Zone

Impact. As discussed in Section 2.3.6 the California and federally threatened California tiger salamander is known to breed and aestivate in the planning area in grasslands containing suitable breeding habitat in the form of large vernal pools. While not the typical habitat for this species, seasonal ponds within less dense rural residential areas could provide breeding opportunity for

CTS and rodent burrows on surrounding lands could provide potential aestivation habitat. Given the historic and ongoing loss of habitat for this species in this portion of Fresno and Madera Counties any impacts to this species or occupied habitat would be considered significant.

Mitigation. To reduce impacts to this species from future projects that result from the implementation of the GPU, project applicants will follow the mitigation matrix presented in Table 3 prior to development or project approval.

3.3.12 Impacts to Western Spadefoot Toad

Urban and Drainage/Canal Zones

Impact. Vernal pool habitat required for breeding and grassland habitat required for aestivation by these species is absent from these zones. Impacts to this species within these zones would be absent.

Mitigation. None warranted.

Rural Zones

Impact. As discussed in Section 2.3.7 the western spadefoot toad is known to breed and aestivate in grasslands containing suitable breeding habitat in the form of vernal pools within the planning area). While not the typical habitat for this species, seasonal ponds within less dense rural residential areas could provide breeding opportunity for this species and rodent burrows in surrounding lands could provide potential aestivation habitat. Given the historic and ongoing loss of habitat for this species in this portion of Fresno and Madera Counties impacts to this species or occupied habitat may be considered significant.

Mitigation. To reduce impacts to this species from future projects that result from the implementation of the GPU, project applicants will follow the mitigation matrix presented in Table 3 prior to development or project approval.

3.3.13 Impacts to Western Pond Turtles

Urban Zone

Impact. Developed lands in urban areas provide unsuitable habitat for the western pond turtle due to the high level of human activity and lack of suitable aquatic habitat.

Mitigation. None warranted.

Drainage/Canal Zone

Impact. Most drainages within the planning area provide unsuitable habitat for the western pond turtle due to the low seasonal flows within these drainages that produce inadequate aquatic habitat for this species. However, the stretch of Redbank Slough in the vicinity of the Quail Lakes development and the stretch of Little Dry Creek through the City landfill area provide suitable aquatic habitat for western pond turtles. Canals provide extremely marginal habitat for the pond turtle due to the lack of vegetation within the canal and swift currents.

Mitigation. To reduce impacts to this species from future projects resulting from the implementation of the GPU that may impact the hydrology or lands adjacent to Little Dry Creek or Redbank Slough, project applicants will follow the mitigation matrix presented in Table 3 prior to development or project approval.

Rural Zone

Impact. The western pond turtle may inhabit ponds and small lakes within the planning area. The loss or degradation of aquatic habitats across the state has greatly reduced pond turtle populations. Therefore, impacts to this species may be considered significant.

Mitigation. To reduce impacts to this species from future projects that result from the implementation of the GPU, project applicants will follow the mitigation matrix presented in Table 3 prior to development or project approval.

3.3.14 Impacts to Swainson's Hawks

Urban Zone

Impact. Developed lands in urban areas provide unsuitable habitat for the Swainson's hawk due to the high level of human activity and lack of suitable foraging habitat.

Mitigation. None warranted.

Drainage/Canal and Rural Zones

Impact. Swainson's hawk may utilize grassland and agricultural lands used for annual crops in rural zones for foraging, and trees in rural areas or riparian trees associated with natural drainages for nesting. While this species is known to occur in the vicinity of the planning area, no individuals or nest sites have been documented within the planning area. Therefore, while potentially occurring in the planning area, this area does not appear to offer important or unique habitat value. However, should a nesting pair occur within the area impacted by a future project, construction activities may adversely affect nesting success or result in mortality of individual birds; such an impact would constitute a violation of state and federal laws (see Section 3.2.3) and would be considered a significant impact under CEQA.

Mitigation. To reduce impacts to this species from future projects that result from the implementation of the GPU, project applicants will follow the mitigation matrix presented in Table 3 prior to development or project approval.

3.3.15 Impacts to Burrowing Owl

Urban Zone

Impact. Developed lands in urban areas provide unsuitable habitat for the burrowing owl due to the high level of human activity and lack of suitable foraging habitat.

Mitigation. None warranted.

Drainage/Canal and Rural Zones

Impact. As discussed in Section 2.3.10, borrowing owls have been observed in grassland habitat within the planning area. Grasslands and adjoining levee banks associated with canals and drainages provide the best burrowing owl habitat within the planning area. Other areas of the planning area providing potential, but less suitable, habitat for burrowing owls are open agricultural lands such as disced fields or row crops and adjacent levee banks. Should burrowing owls occur within the area impacted by a future project, construction activities may adversely affect nesting success or result in mortality of individual birds; such an impact would constitute a violation of state and federal laws (see Section 3.2.3) and would be considered a significant

impact under CEQA. Loss of occupied habitat from project development may also be considered a potentially significant impact.

Mitigation. To reduce impacts to this species from future projects that result from the implementation of the GPU, project applicants will follow the mitigation matrix presented in Table 3 prior to development or project approval.

3.3.16 Impacts to American Badger

Urban Zone

Impact. Developed lands in urban areas provide unsuitable habitat for badgers due to the high level of human activity and lack of suitable foraging habitat.

Mitigation. None warranted.

Drainage/Canal and Rural Zones

Impact. The American badger has been documented within the planning area. This species potentially occurs within rural zones of the planning area. Grasslands provide the best habitat for this species. Riparian areas and levee banks associated drainages and canals within rural areas also provide suitable habitat for badgers. Rural residential and agriculture areas provide potential but much less suitable habitat for the badger due to regular soil disturbance, human activity, and/or the presence of domestic dogs. Should this species occur within the area impacted by a future project, construction activities may result in mortality of individual badgers. Such an impact would be considered a potentially significant impact under CEQA. Loss of occupied habitat from project development may not be considered a significant impact due to the abundance of similar habitat in the region.

Mitigation. To reduce impacts to this species from future projects that result from the implementation of the GPU, project applicants will follow the mitigation matrix presented in Table 3 prior to development or project approval.

3.3.17 Impacts to Migratory Birds

Urban, Rural, and Drainage/Canal Zones

Impact. In addition to the Swainson's hawk, numerous other avian species such as northern harriers, red-tailed hawks, loggerhead shrike, and many other migratory bird species occur within various portions of the planning area. Projects resulting from the implementation of the GPU have the potential to cause nest abandonment or mortality of individual birds across the planning area. Such impacts constitute a violation of state and federal laws (see Sections 3.2.2 and 3.2.3) and may be considered a significant impact under CEQA.

Mitigation. To reduce impacts to this species from future projects that result from the implementation of the GPU, project applicants will follow the mitigation matrix presented in Table 3 prior to development or project approval.

3.3.18 Impacts to Native Wildlife Nursery Sites

Urban, Rural, and Drainage/Canal Zones

Impact. A number of features within the planning area provide nursery sites for wildlife species. Vernal pools provide potential nursery sites for vernal pool fairy shrimp, vernal pool tadpole shrimp, western spadefoot toads, and CTS. Impacts to these species have been addressed above. Vehicular passes over canals and creeks provide potential nesting habitat for cliff swallows. In fact cliff swallow nests have been monitored by LOA biologist Austin Pearson at the Shepherd and Fowler intersection overpass of Dry Creek as part of a City improvement project to that area. Emergent wetland vegetation or blackberry thickets associated with drainages and ponds on the site provide potential habitat for nesting colonies of tri-colored blackbirds, a California species of concern. Impacts to cliff swallows and tri-colored blackbirds are covered in Section 3.3.16. Cavities in large trees and abandoned or dilapidated structures in rural areas provide potential roosting habitat for bats. Bats are vulnerable to mortality during the summer maternal roosting season when juvenile bats have not developed the ability to fly and fend for themselves and the winter roosting season when bats may be hibernating and unable to escape from disturbed roosting sites. Projects resulting from the implementation of the GPU that require the demolition of abandoned or dilapidated buildings or removal of large trees may result in the mortality of large numbers of bats. Such impacts would be considered a significant impact under CEQA.

Mitigation. To reduce impacts to native wildlife nursery sites from future projects that result from the implementation of the GPU, project applicants will follow the mitigation matrix presented in Table 3 prior to development or project approval.

3.3.19 Impacts to Sensitive Habitats: Riparian Forest, Vernal Pools, Jurisdictional Waters

Urban Zone

Impact. Developed lands in urban areas contain no sensitive habitats due to the high level of human disturbance and activity.

Mitigation. None warranted.

Rural and Drainage/Canal Zones

Impact. As discussed in Section 2.4 and 2.6, sensitive habitats and jurisdictional waters occur within the planning area. Riparian habitat is present along portions of all onsite named creeks. Vernal pool habitat is present throughout most of the grasslands areas. Jurisdictional waters include all named creeks and their tributaries in the planning area and possibly many of the vernal pools on the site. Jurisdictional waters would also include major canals in the planning area such as the Friant Kern Canal, Enterprise Canal, and Gould Canal. Projects resulting from the implementation of the GPU that may impact these areas may constitute a significant impact on these resources depending on the extent and nature of the impact.

Mitigation. To reduce impacts to sensitive habitats and jurisdictional waters from future projects that result from the implementation of the GPU, project applicants will follow the mitigation matrix presented in Table 3 prior to development or project approval.

3.3.20 Degradation of Water Quality in Seasonal Drainages, Stock Ponds, and Downstream Waters

Urban Zone

Impact. Infill development is expected to have a less than significant impact on water quality to downstream waters relative to background contaminant levels common in urban areas.

Furthermore, the flat topography in this zone would lead to little to no erosion of any exposed soils.

Mitigation. None warranted.

Rural and Drainage/Canal Zones

Impact. Extensive grading often leaves the soils of construction zones barren of vegetation and, therefore, vulnerable to erosion. Eroded soil is generally carried as sediment in surface runoff to be deposited in natural creek beds, canals, and adjacent wetlands. Furthermore, runoff is often polluted with grease, oil, pesticide and herbicide residues, heavy metals, etc. Although lands in and around Clovis are nearly level, lands with rolling topography or proximate to natural drainages have the potential to contribute silt and pollutants to downstream waters. Therefore, the potential for erosion and the degradation of water quality in downstream waters is potentially significant.

It should be noted that projects involving the grading of large tracts of land must be in compliance with provisions of a General Construction permit (a type of NPDES permit) available from the RWQCB.

Mitigation. To reduce impacts to downstream waters from future projects that result from the implementation of the GPU, project applicants will follow the mitigation matrix presented in Table 3 prior to development or project approval.

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APPENDIX A: SELECTED PHOTOGRAPHS

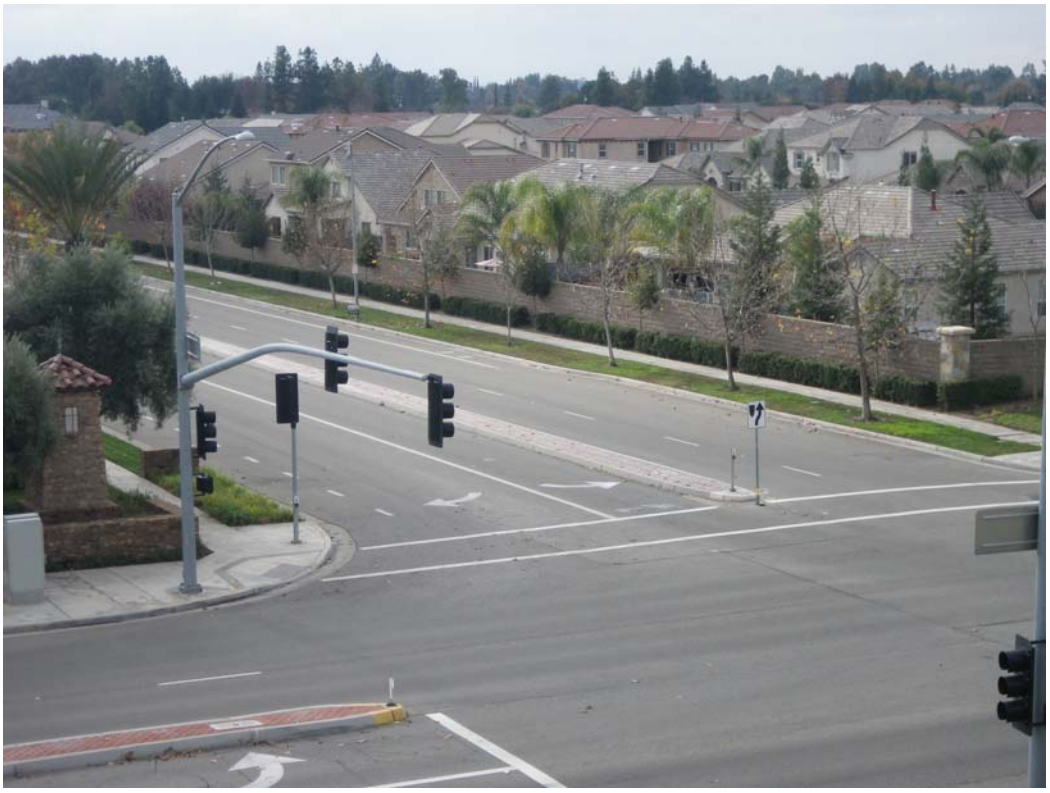

Photo 1: Urban environment of Clovis.

Photo 2: Agricultural land.

Photo 3: Agricultural land.

Photo 4: Rural residential area.

Photo 5: One of many unmapped ponds within the rural residential area.

Photo 6: Grassland north of Herndon Ave with vernal pool in foreground.

Photo 7: Grassland within Dry Creek reservoir flood zone; riparian trees along Dry Creek in background.

Photo 8: Little Dry Creek in Clovis landfill section of the planning area.

Photo 9: Dry Creek within rural residential area between Dry Creek Reservoir and the Enterprise Canal.

Photo 10: Friant-Kern Canal.

Photo 11: Manmade Quail Lakes.

Photo 12: Detention basin managed by the Fresno Metropolitan Flood Control District.

Appendix G

Cultural Resources Study

Appendices

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Cultural Resources Study in Support of the Clovis General Plan Update Environmental Impact Report, City of Clovis, Fresno County, California

Prepared for

The Planning Center|DC&E

Prepared by

SWCA Environmental Consultants

December 2012

CULTURAL RESOURCES STUDY IN SUPPORT OF THE CLOVIS GENERAL PLAN UPDATE ENVIRONMENTAL IMPACT REPORT, CITY OF CLOVIS, FRESNO COUNTY, CALIFORNIA

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U.S. Geologic Survey 7.5-minute Topographic Quadrangles
Academy, Clovis, Friant, Round Mountain, California

SWCA Project No. 022459.00
SWCA Cultural Resources Report Database No. 2012-466

December 7, 2012

Keywords: Records Search, Positive Results, General Plan, SB 18, Clovis, Fresno County

EXECUTIVE SUMMARY

Purpose and Scope: SWCA Environmental Consultants (SWCA) was retained by The Planning Center (TPC) to perform a cultural resources study in support of the City of Clovis (City) General Plan Update and Environmental Impact Report (EIR). The study includes a cultural resources records search, coordination with Native American groups, assistance to the City of Clovis with Senate Bill 18 coordination, and the preparation of a cultural resources technical report. The study area consists of approximately 47,804 acres (75 square miles) located in and adjacent to the city of Clovis, Fresno County California (Figure 1). This includes the 14,859 acres within the city boundary, its 5,633-acre sphere of influence (SOI), and the rural areas beyond the city and its SOI, which encompass approximately 27,312 acres. In compliance with the California Environmental Quality Act (CEQA), the City requires the preparation of an EIR to be completed in conjunction with the City General Plan Update. The EIR assesses the potential for the proposed City General Plan Update to result in environmental impacts, including those on cultural resources. The purpose of this cultural resources technical report is to characterize existing conditions for cultural resources in the study area and recommend mitigation measures for any potential adverse impacts. Because the City General Plan Update would represent a program of options for continued and future land uses, and no specific developments or entitlements associated with its adoption, the cultural resources technical report uses a programmatic rather than a site-specific approach. This report will provide substantial evidence to assist in the compliance with the provisions of CEQA with respect to cultural resources.

Dates of Investigation: SWCA requested a California Historical Resources Information System (CHRIS) records search on September 21, 2012. The search was conducted by staff at the Southern San Joaquin Valley Information System (SSJIC) located at California State University, Bakersfield, who provided results to SWCA on October 9, 2012. The California Native American Heritage Commission (NAHC) was contacted to request a review of the Sacred Lands File (SLF) on September 21, 2012, and a faxed response was received on September 24, 2012.

Summary of Findings: The SSJIC records search identified 152 previously conducted cultural resources studies within the study area. 60 previously recorded cultural resources were also identified through the records search, 11 of which (10-001154; 10-00155; 10-001691; 10-004704; 10-004708; 10-005014; 10-0055635; 10-005801; 10-005837; 10-006109; and 10-006110) have been determined eligible for the NRHP, and are also eligible for or listed in the CRHR. The County of Fresno also maintains a list of archaeological sites and historic sites, buildings and structures found to be locally significant, including 14 located within the city of Clovis. Following review of the SLF, the NAHC identified Native American cultural resources within 0.5 miles of the study area, specifically in the Academy, Friant, and Round Mountain quadrangles, and noted the possibility for cultural resources to be unearthed during construction activities. Further consultation with a contact list of 16 Native American individuals or tribal organizations provided by the NAHC confirmed that there are culturally sensitive areas within the study area.

Recommendations:

Archaeological Resources: The records search and SLF search results indicate that the General Plan area contains archaeological resources. Coordination with Native American individuals or tribal organizations that may have knowledge of cultural resources in or near the study area also indicates the general plan area to be culturally sensitive. While large portions of the rural areas beyond the city boundaries and the SOI have been previously studied, future development or improvements related to changes in land use could potentially impact and cause significant adverse impacts to archaeological resources.

Implementation of Cultural Resources Mitigation Measures 1, 2, 3, and 4 would reduce both direct and cumulative impacts to any previously unrecorded archaeological resources that may be encountered during construction. After mitigation, potential construction and cumulative impacts would not be significant under both the National Environmental Policy Act (NEPA) and CEQA.

Historical Resources: The records search indicates that the General Plan area contains a large quantity of buildings and structures that are older than 50 years of age; therefore it is probable that future development in the project area will result in the identification of historical resources. Within the city boundaries, it appears there is a particularly high potential to encounter historic buildings and structures. Future development or improvements related to changes in land use could potentially impact historic buildings and structures and cause significant adverse impacts to historical resources. The following measures are recommended to assist in the avoidance and mitigation of potential impacts from future projects in the General Plan area to historical resources. Implementation of Cultural Resources Mitigation Measures 5, 6, and 7 would reduce both direct and cumulative impacts to any previously unrecorded archaeological resources that may be encountered during construction. After mitigation, potential construction and cumulative impacts would not be significant under both the NEPA and CEQA.

Disposition of Data: The final cultural resources report and any subsequent related reports will be filed with the Planning Center; the SSJVIC at California State University, Bakersfield; and with SWCA's Pasadena, California office. All records related to the current study are also on file at the SWCA Pasadena office.

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INTRODUCTION

SWCA Environmental Consultants (SWCA) was retained by The Planning Center (TPC) to perform a cultural resources study in support of the City of Clovis (City) General Plan Update and Environmental Impact Report (EIR). The study includes a cultural resources records search, coordination with Native American groups, assistance to the City of Clovis with Senate Bill 18 coordination, and the preparation of a cultural resources technical report. The plan area consists of approximately 47,804 acres (75 square miles) located in and adjacent to the city of Clovis, Fresno County California (Figure 1). This includes the 14,859 acres within the city boundary, its 5,633-acre sphere of influence (SOI), and the rural areas beyond the city and its SOI, which encompass approximately 27,312 acres (Figure 2). In compliance with the California Environmental Quality Act (CEQA), the City requires the preparation of an EIR to be completed in conjunction with the City General Plan Update. The EIR assesses the potential for the proposed City General Plan Update to result in environmental impacts, including those on cultural resources. The purpose of this cultural resources technical report is to characterize existing conditions for cultural resources in the study area and recommend mitigation measures for any potential adverse impacts. Because the City General Plan Update would represent a program of options for continued and future land uses, and no specific developments or entitlements associated with its adoption, the cultural resources technical report uses a programmatic rather than a site-specific approach. This report will provide substantial evidence to assist in the compliance with the provisions of CEQA with respect to cultural resources.

Project Location

The city of Clovis is located in central Fresno County, approximately 6.5 miles northeast of the Fresno downtown area (Figure 1). It is surrounded by portions of unincorporated areas of Fresno County to the north, east, and south, and the city of Fresno to the west and southwest. The current study area encompasses approximately 47,804 acres (75 square miles) and includes the City of Clovis incorporated boundaries, its SOI, and specific areas beyond the city and its SOI (Figure 2). It is roughly bound by Copper Avenue to the north, Academy Avenue to the east, Shields Avenue to the south, and Willow Avenue to the West, and is bisected by State Route 168 (SR-168) from the northeast to the southwest. These boundaries are generally based on those established by the current General Plan, which was adopted in 1993. The 14,859 acres within the city boundary are primarily urbanized, with residential, commercial, and industrial development (Figure 3). Located in unincorporated Fresno County, land uses in the 5,633-acre SOI and 27,313-acre plan area beyond the SOI consist of agricultural and rural residential activities.

Figure 1. Project vicinity.

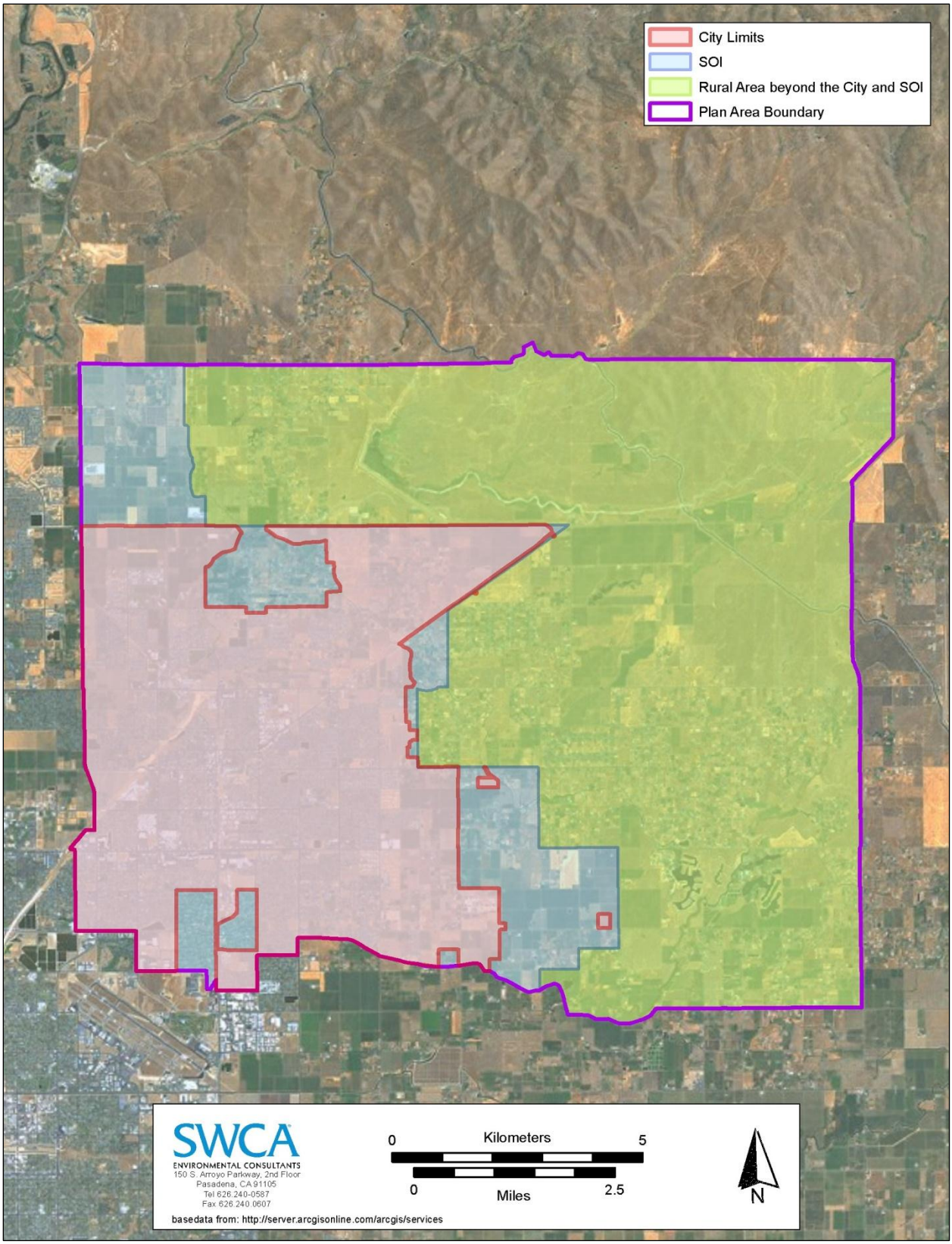

Figure 2. Plan Area.

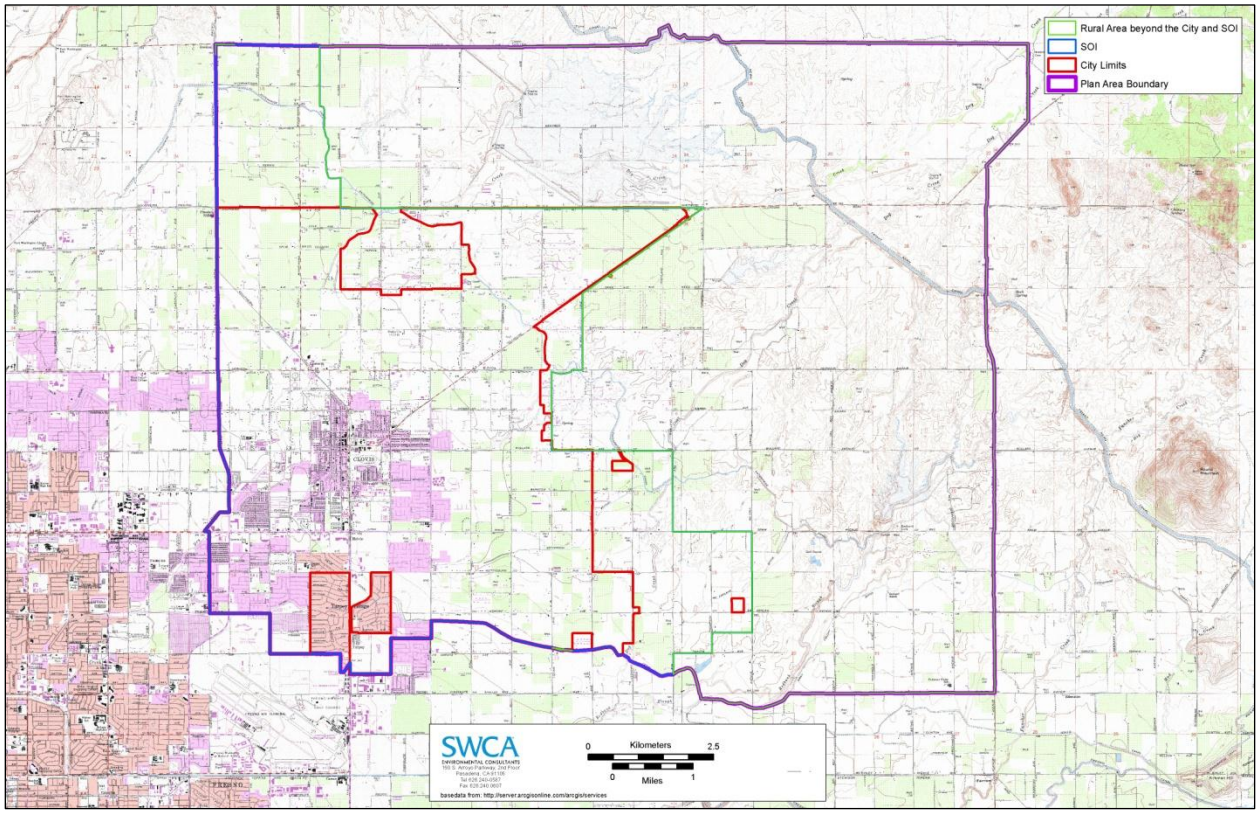

Figure 3. City Limits.

Project Description

The proposed project is an update to the City of Clovis General Plan and Development Codes, which was adopted in 1993. The Clovis General Plan Update is intended to shape development within the Plan Area through 2035 and beyond, while the update to the Development Code is intended to consolidate and compile amendments adopted since the 1970s into a reorganized and reformatted document that also reflects changes to the General Plan. The General Plan Update involves a revision to the land use map and all elements except Housing and adds a new Economic Development Element. It would consist of the following elements: Land Use, Circulation, Community Facilities (previously Public Facilities), Open Space Conservation, Safety, Noise, Air Quality, and Economic Development. The Housing Element, which is subject to specific laws and timeframes dictated by the state, was updated and adopted in 2010 and is not included as a part of the comprehensive update. However, it will be reformatted and integrated into the General Plan Update. The Development Code Update will reflect the changes to the General Plan and the revised land use and zoning designation. The update will also compile existing information and past code amendments in an easy-to-reference manner; provide a procedures guide; update land uses to contemporary standards; and propose limited land use and development standard policy modifications.

REGULATORY SETTING

This section identifies federal regulations; state legislation; and local statutes, ordinances, and guidelines that govern the identification and treatment of cultural resources and analysis of project-related effects to

cultural resources. The lead agency must consider these requirements in making decisions on projects that may affect cultural resources.

Federal

National Historic Preservation Act of 1966

The National Historic Preservation Act (NHPA) of 1966 established the National Register of Historic Places (NRHP) as the official list of districts, sites, buildings, structures, and objects worthy of preservation. Overseen by the National Park Service (NPS) under the U.S. Department of the Interior, the NRHP was authorized under the NHPA, as amended. Its listings encompass all National Historic Landmarks, as well as historic areas administered by NPS.

NRHP guidelines for the evaluation of historic significance were developed to be flexible and to recognize the accomplishments of all who have made significant contributions to the nation's history and heritage. Its criteria are designed to guide state and local governments, federal agencies, and others in evaluating potential entries in the NRHP. For a property to be listed or determined eligible for listing, it must be demonstrated to possess integrity and to meet at least one of the following criteria (NPS 1990):

> The quality of significance in American history, architecture, archaeology, engineering, and culture is present in districts, sites, buildings, structures, and objects that possess integrity of location, design, setting, materials, workmanship, feeling, and association, and:
>
> A. That are associated with events that have made a significant contribution to the broad patterns of our history; or
>
> B. That are associated with the lives of persons significant in our past; or
>
> C. That embody the distinctive characteristics of a type, period, or method of construction, or that represent the work of a master, or that possess high artistic values, or that represent a significant and distinguishable entity whose components may lack individual distinction; or
>
> D. That have yielded, or may be likely to yield, information important in prehistory or history.

Integrity is defined in NRHP guidance, *How to Apply the National Register Criteria*, as "the ability of a property to convey its significance. To be listed in the NRHP, a property must not only be shown to be significant under the NRHP criteria, but it also must have integrity" (NPS 1990). NRHP guidance further asserts that properties be completed at least 50 years ago to be considered for eligibility. Properties completed fewer than 50 years before evaluation must be proven to be "exceptionally important" (criteria consideration G) to be considered for listing.

A historic property is defined as "any prehistoric or historic district, site, building, structure, or object included in, or eligible for inclusion in, the NRHP maintained by the Secretary of the Interior. This term includes artifacts, records, and remains that are related to and located within such properties. The term includes properties of traditional religious and cultural importance to an Indian tribe or Native Hawaiian organization and that meet the NRHP criteria" (36 Code of Federal Regulations [CFR] Sections 800.16(i)(1)).

Effects on historic properties under Section 106 of the NHPA are defined in the assessment of adverse effects in 36 CFR Sections 800.5(a)(1):

> An adverse effect is found when an undertaking may alter, directly or indirectly, any of the characteristics of a historic property that qualify the property for inclusion in the National Register in a manner that would diminish the integrity of the property's location, design, setting, materials, workmanship, feeling, or association. Consideration shall be given to all qualifying characteristics of a historic property, including those that may have been identified subsequent to the original evaluation of the property's eligibility for the National Register. Adverse effects may include reasonably foreseeable effects caused by the undertaking that may occur later in time, be farther removed in distance or be cumulative.

Adverse effects on historic properties are clearly defined and include, but are not limited to:

(i) Physical destruction of or damage to all or part of the property;

(ii) Alteration of a property, including restoration, rehabilitation, repair, maintenance, stabilization, hazardous material remediation and provision of handicapped access, that is not consistent with the Secretary's Standards for the Treatment of Historic Properties (36 CFR Part 68) and applicable guidelines;

(iii) Removal of the property from its historic location;

(iv) Change of the character of the property's use or of physical features within the property's setting that contributes to its historic significance;

(v) Introduction of visual, atmospheric or audible elements that diminish the integrity of the property's significant historic features;

(vi) Neglect of a property which causes its deterioration, except where such neglect and deterioration are recognized qualities of a property of religious and cultural significance to an Indian tribe or Native Hawaiian organization; and

(vii) Transfer, lease, or sale of property out of Federal ownership or control without adequate and legally enforceable restrictions or conditions to ensure long-term preservation of the property's historic significance (36 CFR 800.5 (2)).

To comply with Section 106, the criteria of adverse effect are applied to historic properties, if any exist in the project Area of Potential Effect (APE), pursuant to 36 CFR Sections 800.5(a)(1). If no historic properties are identified in the APE, a finding of "no historic properties affected" will be made for the proposed project. If there are historic properties in the APE, application of the criteria of adverse effect will result in project-related findings of either "no adverse effect" or of "adverse effect," as described above. A finding of no adverse effect may be appropriate when the undertaking's effects do not meet the thresholds in criteria of adverse effect 36 CFR Sections 800.5(a)(1), in certain cases when the undertaking is modified to avoid or lessen effects, or if conditions were imposed to ensure review of rehabilitation plans for conformance with the *Secretary of the Interior's Standards for the Treatment of Historic Properties* (codified in 36 CFR Part 68).

If adverse effects findings were expected to result from the proposed project, mitigation would be required, as feasible, and resolution of those adverse effects by consultation may occur to avoid, minimize, or mitigate adverse effects on historic properties pursuant to 36 CFR Part 800.6(a).

Native American Graves Protection and Repatriation Act

The Native American Graves Protection and Repatriation Act (NAGPRA) of 1990 (25 United States Code [USC] 3001 et seq.) protects human remains, funerary objects, sacred objects, and items of cultural patrimony of indigenous peoples on federal lands. NAGPRA stipulates priorities for assigning ownership

or control of such cultural items excavated or discovered on federal or tribal lands, or in the possession and control of an agency that has received federal funding. Thus NAGPRA may apply to the City of Clovis if it receives federal funding and takes possession and control of the items described above.

NAGPRA also provides for the repatriation of human remains and associated items previously collected from federal lands and in the possession or control of a federal agency or federally funded repository. Implementing regulations are codified in 43 CFR Part 10. In addition to defining procedures for dealing with previously collected human remains and associated items, these regulations outline procedures for negotiating plans of action or comprehensive agreements for treatment of human remains and associated items encountered in intentional excavations, or inadvertent discoveries on federal or tribal lands.

State

California Environmental Quality Act

CEQA requires a lead agency to determine whether a project may have a significant effect on historical resources (Section 21084.1). If it can be demonstrated that a project will cause damage to a unique archaeological resource, the lead agency may require that reasonable efforts be made to permit any or all of these resources to be preserved in place or left in an undisturbed state. To the extent that they cannot be left undisturbed, mitigation measures are required (Section 21083.2[a], [b], and [c]).

Section 21083.2(g) defines a *unique archaeological resource* as an archaeological artifact, object, or site about which it can be clearly demonstrated that without merely adding to the current body of knowledge, there is a high probability that it meets any of the following criteria:

1. Contains information needed to answer important scientific research questions and that there is a demonstrable public interest in that information.
2. Has a special and particular quality such as being the oldest of its type or the best available example of its type.
3. Is directly associated with a scientifically recognized, important prehistoric or historic event or person.

A *historical resource* is a resource listed in or determined to be eligible for listing in the California Register of Historical Resources (CRHR) (Section 21084.1); a resource included in a local register of historical resources (Section 15064.5[a][2]); or any object, building, structure, site, area, place, record, or manuscript that a lead agency determines to be historically significant (Section 15064.5[a][3]).

Public Resources Code (PRC) Section 5024.1, Section 15064.5 of the CEQA Guidelines, and PRC Sections 21083.2 and 21084.1 were used as the basic guidelines for this cultural resources study. PRC Section 5024.1 requires an evaluation of historical resources to determine their eligibility for the CRHR. The purpose of the register is to maintain listings of the state's historical resources and to indicate which properties are to be protected from substantial adverse change. The criteria for listing resources on the CRHR were expressly developed to be in accordance with previously established criteria developed for listing in the NRHP, enumerated below.

According to PRC Section 5024.1(c)(1–4), a resource is considered historically significant if it 1) retains "substantial integrity," and 2) meets at least one of the following criteria:

1. Is associated with events that have made a significant contribution to the broad patterns of California's history and cultural heritage.
2. Is associated with the lives of persons important in our past.

3. Embodies the distinctive characteristics of a type, period, region or method of installation, or represents the work of an important creative individual, or possesses high artistic values.
4. Has yielded, or may be likely to yield, information important in prehistory or history.

Impacts to significant cultural resources that affect the characteristics of any resource that qualify it for the NRHP or that adversely alter the significance of a resource listed on or eligible for the CRHR are considered a significant effect on the environment. These impacts could result from "physical demolition, destruction, relocation, or alteration of the resource or its immediate surroundings such that the significance of an historical resource would be materially impaired" (CEQA Guidelines, Section 15064.5 [b][1], 2000). *Material impairment* is defined as demolition or alteration "in an adverse manner [of] those characteristics of an historical resource that convey its historical significance and that justify its inclusion in, or eligibility for inclusion in, the California Register…" (CEQA Guidelines, Section 15064.5[b][2][A]).

California Senate Bill 18

Signed into law in 2004, Senate Bill (SB) 18 requires that cities and counties notify and consult with California Native American Tribes about proposed local land use planning decisions for the purpose of protecting traditional tribal cultural sites. Cities and counties must provide general and specific plan amendment proposals to California Native American Tribes that have been identified by the Native American Heritage Commission as having traditional lands located within the city's boundaries. If requested by the Native American Tribes, the city must also conduct consultations with the tribes prior to adopting or amending their general and specific plans.

Local

Fresno County List of Historical Places

The Fresno County List of Historic Places was established to inventory all historic and prehistoric sites and structures whether or not those sites are currently listed in any registry program (Fresno County 2012). The Historic Places application is for the use of individuals and organizations desiring to have historic sites and/or structures approved under the Fresno County List of Historic Places. The commission advises the board of supervisors on property/landmark preservation and designation; sees to the maintenance of the list of historic places in the county; advises the board of supervisors on properties that might be added to the local, state, and national registers of historic places; and coordinates with other agencies and organizations in the community as necessary to carry out the goal of historic preservation.

Clovis General Plan

Adopted in 1993, the Open Space/Conservation Element (Chapter 6) of the Clovis General Plan provides general guidance for the protection of cultural resources within the city. Provided below is the goal and related policies concerning cultural resources (City of Clovis 1993):

Goal 7:

Preserved and Enhanced Prehistoric, Historic and Cultural Resources In and Around the Clovis Project Area.

Policy 7.1: Retain and maintain historic structures.

Actions:

- Work with the community organizations to provide programs oriented to the preservation of Clovis' history.
- Use redevelopment funds and other mechanisms to promote historic restoration, focusing on the Old Town area.
- Consider the use of flexible zoning regulations to encourage preservation of structures and architectural styles.

Policy 7.2: Preserve known archaeological resources and seek to identify additional archaeological sites within the project area.

Actions:

- Require archaeological surveys to be completed as a component of development submittals in areas with potentially high or high archaeological resources as identified on the Sensitive Archaeological Areas Exhibit [Exhibit 48, 4-212].
- The services of a qualified archaeologist then shall be required to determine the extent and significance of a site if evidence of archaeological artifacts are discovered during excavation.

CULTURAL SETTING

Prehistoric Overview

California prehistory is divided into three broad temporal periods that reflect similar cultural characteristics throughout the state: 1) the Paleoindian Period (ca. 9000–6000 B.C.), 2) the Archaic Period (6000 B.C.–A.D. 500), and 3) the Emergent Period (A.D. 500–Historic Contact) (Fredrickson 1973, 1974, 1994a). The Archaic is divided further into the Lower (6000–3000 B.C.), Middle (3000–1000 B.C.), and Upper (1000 B.C.–A.D. 500) Periods, generally governed by climatic and environmental variables such as the drying of pluvial lakes at the transition from the Paleoindian to the Lower Archaic.

The study area lies in what generally is described as the San Joaquin Valley subregion of the Central Valley Archaeological Region, which is one of eight arbitrary organizational divisions of the state (Moratto 1984:Fig. 1). This archaeological subregion extends southward from the Sacramento–San Joaquin Delta into today's Kern County, and encompasses the southern half of the great Central Valley. The subregion includes most of Kings, Merced, and Stanislaus Counties, as well as the western portions of Fresno, Kern, Madera, and Tulare Counties.

Occupation in the Central Valley during the Prehistoric Period is estimated to have occurred as early as 12,000 years ago, but only a few archaeological sites have been identified that predate 5,000 years ago. It is possible that Holocene alluvial deposits buried many prehistoric sites in this area. For example, Moratto (1984:214) has estimated that as much as 10 meters (m) of sediment accumulated along the lower stretches of the Sacramento River and San Joaquin River drainage systems during the last 5,000–6,000 years.

Prehistoric material culture in central California subsequent to the Paleoindian Period has been categorized according to "periods" or "patterns" that define broad technological, economic, social, and ideological elements over long periods of time and large areas. A series of generalized periods associated with regionally based "patterns" typically are used today as part of a tripartite classification scheme for central California. This Central California Taxonomic System (CCTS) was the result of efforts of a number of researchers (e.g., Beardsley 1954; Heizer 1949), and was developed further after the advent of

radiocarbon dating (Bennyhoff 1994; Bennyhoff and Fredrickson 1969; Fredrickson 1973, 1974, 1994 a,b; Heizer 1958; Ragir 1972; and see Hughes 1994).

South of the Sacramento–San Joaquin Delta, the San Joaquin Valley is one of the least known archaeological areas within the state. The valley encompasses a large area, and there is a significant variation in the archaeological assemblages that reflects influences from the Delta area as well as southern California (Moratto 1984:185–189). A large body of literature does exist for prehistory subsequent to the Paleoindian Period, but for the most part, it has yet not been synthesized. In addition, as recently suggested by Riddell (2002:95), one of California's archaeological pioneers, up to 90 percent of all the sites in the southern San Joaquin Valley—including "most of the large, significant and important village sites"—have been largely destroyed.

In general, the prehistory of the San Joaquin Valley following the Paleoindian Period is characterized using the revised CCTS tripartite classification scheme, with Early, Middle, and Late Periods (see, e.g., Fredrickson 1986; Moratto 1984; Osborne and Sutton 1993; Schiffman and Garfinkel 1981; also see Wedel 1941). In the Sacramento Valley and the Delta, the following regional patterns are associated with the broader based periods: Early Period/Windmiller Pattern (formerly Early Horizon), Middle Period/Berkeley Pattern (formerly Middle Horizon), and Late Period/Augustine Pattern (formerly Late Horizon). In coastal southern California, according to the widely used regional synthesis developed by Wallace (1955, 1978), the Milling Stone, Intermediate, and Late Prehistoric Periods are roughly contemporaneous with the Early, Middle, and Late Periods within the Central Valley.

Paleoindian Period (ca. 9,000–6000 B.C.)

Human occupation in the San Joaquin Valley dates to as early as the terminal Pleistocene/early Holocene, or about 11,000 years ago. A large number of fluted points have been collected from surface sites on the Pleistocene lakeshores of Buena Vista, Kern, and Tulare Lakes. Fluted points (e.g., Clovis and Folsom) found throughout the western United States generally are associated with the hunting of large game animals. Other resources certainly were exploited as part of the subsistence strategy of mobile groups of hunters and gatherers during this period, although most archaeological evidence is related to hunting. At ancient Lake Tulare, for example, fauna contemporaneous with the Paleoindian lithics include extinct forms of ground sloths, elephants, camels, horses, and bison (Dillon 2002:116).

In general, only one or two Clovis-like fluted points have been found at Paleoindian Period sites in California. A notable exception is the Witt site (CA-KIN-32) on the western shore of Tulare Lake in Kings County (Riddell and Olsen 1969). More than 275 fluted points have been collected from the surface of this site since the 1950s (Osborne and Sutton 1993). As summarized by Dillon (2002:116), additional sites have also been found on the shores of Pleistocene Lake Tulare, adding to the mounting evidence for Paleoindian occupation in California prior to 10,000 years ago. On the southwestern edge of Buena Vista Lake in Kern County, recovery of deeply buried artifacts included fragments of two large points, three crescents, and two knives at site CA-KER-116 (Fredrickson and Grossman 1977). The site is dated to approximately 8,000 years ago, when the lake level was approximately 87 m above mean sea level (msl).

Leaf-shaped points and knives, crescents, and scrapers typically characterize the artifact assemblages found during this period near Pleistocene lakeshores in southern California. To reduce terminological confusion, Moratto (1984:92) subsumed the numerous local patterns (e.g., San Dieguito Complex, Lake Mojave Period) under the overarching Western Pluvial Lakes Tradition (WPLT), first defined by Bedwell (1970). The literature on the prehistory of California, however, typically references the Paleoindian Period, Early Man Period, or San Dieguito Complex, rather than the WPLT.

Early Period (ca. 6000–1000 B.C.)

A substantially greater number of sites throughout southern California have been identified to the Early Period compared to the Paleoindian Period. As a result of climatic changes and the drying of pluvial lakes, subsistence strategies shifted to an increased emphasis on plant resources, as evidenced by an abundance of handstones and milling stones. In southern California, this period is generally referred to as the Milling Stone Period (Wallace 1955, 1978), with sites common in the southern California coastal region between Santa Barbara and San Diego, and at many near-coastal and inland locations.

During the Early Period, people practiced a mixed procurement strategy of both game and plant parts, with the addition of seeds. The mixed exploitation of a wide range of natural resources ties into a seasonal foraging strategy. Populations likely occupied the lower elevations of the valley in the winter months and shifted to higher elevations during the summer. Artifacts common to the Early Period are baked clay net weights, shell beads and ornaments, charmstones, and heavy stemmed projectile points, indicating use of the atlatl. Mortars and pestles are present at sites affiliated with the end of the period.

One level of a stratified shell midden site (CA-KER-116) on the shores of Buena Vista Lake in Kern County is representative of the Early or Milling Stone Period in the San Joaquin Valley. Artifacts include handstones, milling stones, and flake scrapers. Extended burials are also present in this level at the site, which was excavated initially in the 1930s (Wedel 1941), again in the 1960s (Fredrickson and Grossmann 1977), and in the 1980s by local groups (Schiffman and Garfinkel 1981). As summarized by Fredrickson (1986), who directed fieldwork in the 1960s, the Early Period cultural assemblage at the site has more in common with Milling Stone Period sites in southern California than contemporaneous Windmiller Pattern sites in the lower Sacramento Valley, because no shell ornaments, charmstones, or quartz crystals were recovered.

Middle Period (ca. 1000 B.C.–A.D. 1000)

During the Middle Period, subsistence becomes more diversified with an increased emphasis on seed processing along with continued hunting and some fishing. A shift to a greater reliance on acorns as a dietary staple is interpreted during the period from an increase in mortars and pestles, along with a decrease in handstones and metates. Mortars and pestles are better suited to crushing and grinding acorns, whereas handstones and metates were used primarily for grinding wild grass grains and seeds (Moratto 1984:209–210). Milling implements include cobble mortars, as well as wooden or hopper mortars.

The artifact assemblage demonstrates that hunting remained an important aspect of food procurement during the Middle Period. Projectile points are large and heavy, indicating continued use of the atlatl to fell game. Artifacts also include shell ornaments in geometric shapes, shell beads, and spindle-shaped charmstones. Bone tools such as awls, fish spear tips, saws, and flakers became prevalent during this period. Along with the diversification in the economy, settlement patterns show a reduction in mobility accompanied by an increase in residential bases and population growth.

At Lake Buena Vista, Wedel (1941) reported the presence of bone tools, limpet shell ornaments, and *Olivella* beads as well as roasting pits at midden site CA-KER-60. The roasting pits were used secondarily for flexed burials. Wedel tentatively attributed the deposit to the Middle Period. CA-KER-60 was later subsumed under CA-KER-116 (see Fredrickson and Grossmann 1977). Fredrickson (1986) describes the roasting ovens at CA-KER-116 as clay-lined and filled with freshwater clamshell. He also suggests that the split-punched *Olivella* beads recovered from this level are a common San Joaquin Valley type, diagnostic of the early Late Period in central California. This suggests a more likely date for the assemblage of A.D. 900–1000.

Late Period (ca. A.D. 1000–Historic Contact)

The Late Period is evidenced by a number of changes in subsistence, foraging, and land use patterns that begin to reflect the use pattern known from Historic Period Native American groups in the area. A substantial increase in the intensity of subsistence exploitation—including fishing, hunting, and gathering (particularly the acorn)—evidences in the archaeological record correlates directly with an increase in population growth (Moratto 1984:211–214).

The period is characterized by shell beads and ornaments, stone beads, clamshell disk beads, tubular stone smoking pipes, arrow-shaft straighteners, and small projectile points, indicating introduction of the bow and arrow. Shaped, flat-bottomed bowl mortars and cylindrical pestles are common. There is an increase in sedentism, accompanied by firm establishment of territorial boundaries. Exchange networks, with the use of clamshell disk beads, were developed during this period.

In addition to the assemblages described above from the stratified deposits excavated at site CA-KER-116, Late Period material is also present. The Late Period assemblage includes baked clay objects, delicate triangular projectile points (used with the bow and arrow), bone tools, and bowl hopper mortars. Beads and ornaments are well represented and include disk *Olivella* beads, *Haliotis* beads and ornaments, and marine clamshell disk beads, as well as pendants and carvings made from steatite. Fredrickson (1986) estimates that the Late Period deposit dates between A.D. 1500 and historic contact.

Ethnographic Overview

The study area lies at the intersection of where ethnographers generally recognize three cultural-geographical divisions of Yokuts: Northern Valley, Southern Valley, and Foothills. The Yokuts language family (derived from the native term for "person") included at least 11 dialects among its Southern Valley branch: *Wechihit*, *Nutunutu*, *Tachi*, *Chunut*, *Wo'lasi*, *Choynok*, *Koyeti*, *Yawelmani*, *Yowlumni*, *Wowol*, and *Telamni* (Mithun 2001:567). As will be further discussed below, the distinction between the Northern versus Southern and Foothill Yokuts, aside from separate cultural adaptations to divergent environments, is primarily based on speaking distinct branches of the language.

Foothill Yokuts

The Foothill Yokuts included about 15 named tribes, representing the eastern third of the 40 to 50 recorded Yokuts tribes (Speir 1978:471). Although a Foothill Yokuts dialect group has been identified, its boundaries do not precisely correspond to those of the cultural-geographic Foothill subdivision described below (Silverstein 1978:446). The Foothill Yokuts culture group has been subdivided into Northern, Central, and Southern divisions; however, the constituent groups were similar enough to one another that the emic validity of this division is questionable. The tribes that were nearest to the project area were the Bokninuwad (or Hoeynche) of the Upper Deer Creek area (near California Hot Springs) and the Yawdanchi of the North Fork Tule River (north of Springville). Each Foothill Yokuts tribe inhabited one or more villages, each with its own chief, and occupied a home territory encompassing one or two drainage systems (Latta 1999:197–200; Speir 1978:471–472).

Given their location on the western slope of the Sierras between 610 and 1,219 m (2,000–4,000 feet) above sea level, it is not surprising that the Foothill Yokuts drew resources from the San Joaquin Valley to the west and the coniferous forests to the east. Their diet was notably omnivorous; staples included deer, quail, and acorns, while supplemental foods included a wide variety of small mammals, berries, seeds, and fish. Deer were typically dispatched with bow and arrow, quail were trapped, and fish were captured with spears or weirs. Both fish and acorns were dried and stored for later use. Acorns were

usually ground into meal in bedrock mortars located near habitation areas, leached in a sandy basin, and cooked into mush or baked into cakes (Speir 1978:472–473).

The Foothill Yokuts material culture had much in common with their neighbors, and demonstrated both eastern and western influences. They hunted using either self- or sinew-backed bows (imported from the Sierras) and arrows with wooden or cane shafts, wooden foreshafts, and a wooden or stone point. Flaked stone tools were made from obsidian and local quartz. Imported obsidian reportedly came from both western (Coast Ranges) and eastern (Coso) sources, the latter in semifinished forms (perhaps as bifacial preforms). Ground stone implements such as mortars, pestles, and acorn anvils were made from local granite, and boiling stones were made from foothills soapstone. Wooden bowls and mortars were reported among the Northern Foothills tribes, but widely available bedrock outcrops made them less necessary in the central and southern regions. Central Foothills women made utilitarian, coiled, sand-tempered, and undecorated pottery, the craft evidently reaching them by way of the Owens Valley Paiute via the Monache. Common forms included flat-bottomed bowls with straight sides and incurving rims, pinch pots, and hand-molded tobacco pipes. Their basketry was far superior in quality to their pottery, and included a wide variety of coiled and twined forms. Foothill Yokuts structures included conical houses, shade ramadas, sweathouses, and hemispherical grinding shades. Houses, which were made from pole frames covered in thatch, measured 3.7 to 4.6 m (12–15 feet), perhaps 3 m (10 feet) high. The shallowly excavated floor featured a central fire pit surrounded by pine needle beds (Speir 1978:473–477). The Yawandanchi are unique among the Foothill Yokuts in that they reportedly arranged their tule thatch homes in rows. They also apparently built larger, ridged houses with two fireplaces and doors at each end that bore strong morphological similarities to Central Valley houses (Kroeber 1925:522).

Northern Valley Yokuts

Ethnographically, the Northern Valley Yokuts occupied the San Joaquin Valley from the bend of the San Joaquin River to a point just north of the lower Calaveras River, including the project area. The Northern Valley Yokuts were part of the Valley Yokuts, whose members lived throughout the San Joaquin Valley and peripheral foothills.

The primary food source for the Northern Valley Yokuts was the acorn. Mortars and pestles were used to process acorns into a mush. Numerous other seeds, nuts, fruits, and roots were also exploited for subsistence. Important animal foods sources for the Northern Valley Yokuts included domestic dog, rabbit, skunk, deer, elk, and antelope. Many birds species were captured in traps, and fish were obtained through poisoning of streams, basket catching, and spearing. Several types of reptiles and amphibians were also consumed (Kroeber 1925).

The Northern Valley Yokuts constructed boats, fashioned crude pottery, and made coiled baskets that were traded with neighboring groups. The Northern Valley Yokuts trade network included the Costanoans (Ohlone) in the Monterey Bay region, the Salinan in the North Coast ranges, and the Miwok, from whom political and social patterns were borrowed (Wallace 1978).

Few Northern Valley Yokuts survived the Protohistoric Period. The Northern Valley Yokuts suffered the devastating effects of missionization, disease, and the onrush of gold miners during the mid-nineteenth century. Population decline and erosion of Northern Valley Yokuts culture began in the Spanish-Mexican Period (1769–1846), rapidly accelerating with the onset of American settlement and the Gold Rush. The few native survivors of the Protohistoric Period were forced to adapt to the American system; many found low-paying work on ranches in the area (Wallace 1978:462–470).

Southern Valley Yokuts

The Southern Valley Yokuts' territory included Tulare, Buena Vista, and Kern Lakes as well as the connecting sloughs, and the lower portion of the Kings, Kaweah, Tule, and Kern Rivers. The area consisted of extensive swamps and marshlands that provided an enormous variety and abundance of wildlife and aquatic flora. Although the southern San Joaquin Valley received only 5–10 inches of rain annually, melting snows from the Sierra Nevada Mountains provided plentiful runoff. As the Yokuts adapted to the abundance of subsistence resources, they developed a culture of comparatively greater material wealth and tended to live in large, more permanent settlements.

At the beginning of the Historic Period, 15 different Yokuts independent tribes were identified in the Southern San Joaquin Valley. Village place names along the segment route include *Kadistin*, *Yiwomn*i, and *Woilo* at Bakersfield (Wallace 1978:448). The basic domestic and economic unit in Southern Valley Yokuts society was the nuclear family. The families were grouped into patrilineal totemic lineages. A totem, animal, or bird, was a symbol representing the father's line. The totem was dreamed about and prayed to; that lineage was also forbidden to kill or eat the creature represented by the totem. The lineage was a mechanism for transmitting offices, performing certain ceremonial duties, and creating mutual loyalties. These lineages were further organized into two moieties, or groups. The moieties had little to do with day-to-day life, but did serve certain functions. They would serve as opposing teams for games and as reciprocal groups in mourning rites and first-fruits ceremonies. Moiety exogamy was customary but not absolute.

There was no overall political unity among the tribes, and they were split into self-governing local groups. Each group had a name, spoke a different dialect, and had a territory that was collectively owned. Some official positions were filled through patrilineal inheritance. In the Tachi tribe, each settlement had a chief for each moiety and the pair shared equal authority.

Single-family residences were constructed by using long poles, limbs, or sticks with one end set on the ground in an oval pattern, and the other ends brought together at the top to form a frame that was then covered with mats made from tule reeds. Some groups, using the same materials, built a distinctive long, steep-roofed communal house. This structure would shelter 10 or more families; each family had a fireplace and outside door. Along the front of the house, a long, open shade porch was constructed, and many of the domestic activities such as cooking were performed there. Additionally, each village had a communally owned sweathouse.

Adapting to their environment, the Southern Valley Yokuts developed a mixed economic subsistence pattern that emphasized fishing; hunting waterfowl; and collecting shellfish, roots, and seeds. Most of their region was treeless except for cottonwoods, sycamores, and willows that lined the river channels and sloughs. Oaks did not extend very far onto the valley floor. Therefore, acorns were not readily available and were generally obtained by trade with neighboring groups. Small land mammals and birds were only a small portion of the native diet, and the Southern Valley Yokuts rarely ventured into open country to capture antelope and elk. They did, however, capture larger mammals when they came to the lakes and sloughs for water.

Yokuts technology was shaped by the source of raw materials available. The very important tule provided the basis for canoe manufacture as well as their highest technological skill: basket weaving. Canoe-shaped rafts, which could hold six people and their belongings, were constructed of dried tules and constituted the Yokuts' favored mode of travel. Their baskets varied in shape and use, and included bowl-shaped cooking containers, conical burden baskets, flat winnowing trays, seed beaters, and a unique necked water bottle. Wood and stone crafts were comparatively undistinguished. Wood and many lithic

materials were imported, and even stone mortars and pestles were obtained through trade. Marine shells were secured via trade with coastal peoples and used for currency and personal adornment.

Various cooking methods were employed. Tule roots and seeds were ground into meal, mixed with water, and stone-boiled in baskets. Fish and meat were broiled and roasted on coals and ashes. Small earth ovens were used to bake both vegetable and animal foods. Salt grass was used for seasoning. Firewood was at a premium, and dried tules were usually substituted.

No significant number of Southern Valley Yokuts came under the control of the coastal Franciscan missionaries; however, significant impact to their culture resulted from infiltration of escaped natives from the missions. The runaways introduced foreign practices, which contributed to the erosion of traditional life ways. Complete cultural breakdown and near-total disappearance of native peoples from the San Joaquin Valley accompanied U.S. annexation of California. The land passed quickly into the hands of the settlers. Because of the early and rapid decimation of the Southern Valley Yokuts and the rapid collapse of their culture, there is relatively little published literature regarding them, and ethnographic descriptions obtained from aged informants are certainly incomplete. It is clear, however, that some Yokuts remained in the area, as evidenced by bits of information gleaned from multiple sources.

The messianic Ghost Dance movement, started in 1870 by a Paiute shaman in western Nevada, spread to include Southern Valley Yokuts followers (Bean and Vane 1978; Rawls 1984). This movement was based on a vision predicting an apocalyptic future in which all whites would be destroyed, the dead would return to life, and the world would be returned to Indians. Rituals involved dancing in semi-subterranean structures. The Ghost Dance was most accepted by tribes whose culture was devastated by the Mission and Mexican Periods as well as the Gold Rush. Although the movement fell out of popularity when the predicted apocalypse did not occur, it was important for the revitalization of tribes such as the Yokuts by reestablishing some of their social systems, providing spiritual reassurance, and creating intertribal bonds through a common cause in a difficult time (Bean and Vane 1978:670).

Many Yokuts came to live on the Tejon Reservation in the 1850s, a place of temporary refuge for member of numerous local tribes. After the U.S. government eliminated that reservation, it was not until the twentieth century that permanent provisions were made for Southern Valley Yokuts within what had once been their lands. The Santa Rosa Rancheria was established on 790 acres in Kings County, and the Table Mountain Rancheria was established in 1916 on 400 acres in Fresno County (California Indian Assistance Program 2003:142 and 155). Today, some 650 Southern Valley Yokuts continue to reside in or around these rancherias. The Tule River Reservation, established in 1873 in Tulare County near Porterville, is the primary remaining land base of the tribe, consisting of 55,436 acres and 1,400 members (California Indian Assistance Program 2003:159). Many cultural programs are operated from Tule River, including a recent resurgence of the Bear Dance healing ceremony, which is being taught and spread throughout other southern California tribes. The Carrizo Plain contains sites of religious significance for the Southern Valley Yokuts, and tribal members continue to visit the rock art sites located within the national monument.

Historic Overview

Post-contact history for the state of California is generally divided into three periods: the Spanish Period (1769–1822), Mexican Period (1822–1848), and American Period (1848–present). Although Spanish, Russian, and British explorers visited the area for brief periods between 1529 and 1769, the Spanish Period in California begins in 1769 with the establishment of a settlement at San Diego and the founding of Mission San Diego de Alcalá, the first of 21 missions constructed between 1769 and 1823. News of Mexico's independence from Spain reaching California in 1822 marks the beginning of the Mexican Period. The signing of the Treaty of Guadalupe Hidalgo in 1848, ending the Mexican-

American War, signals the beginning of the American Period when California became a territory of the United States.

Spanish Period (1769–1822)

Spanish explorers made sailing expeditions along the coast of southern California between the mid-1500s and mid-1700s. In search of the legendary Northwest Passage, Juan Rodríquez Cabríllo stopped in 1542 at present-day San Diego Bay. However, more than 200 years passed before Spain began the colonization and inland exploration of Alta California. The 1769 overland expedition by Captain Gaspar de Portolá marks the beginning of California's Historic Period, occurring just after the King of Spain installed the Franciscan Order to direct religious and colonization matters in assigned territories of the Americas. With a band of 64 soldiers, missionaries, Baja (lower) California Native Americans, and Mexican civilians, Portolá established the Presidio of San Diego, a fortified military outpost, as the first Spanish settlement in Alta California. In July 1769, while Portolá was exploring southern California, Franciscan Fr. Junípero Serra founded Mission San Diego de Alcalá at Presidio Hill, the first of the 21 missions that would be established in Alta California by the Spanish and the Franciscan Order between 1769 and 1823.

During this period, California consisted of two distinct regions, the coast and the interior. Nearly all of the Franciscan's efforts focused on the former due to its mild climate and convenient shipping routes, with the furthest inland mission established 30 miles from the coast in Soledad. Referred to in official documents as *terra incognita*, the interior region was largely unsettled and unknown to the Franciscans (Smith 2004:36). The earliest Spanish explorations of the region were made by Pedro Fages, a military commander who first entered the San Joaquin Valley in 1772. Although additional expeditions were undertaken by the Spanish Military and Franciscans, most of the exploration conducted in the San Joaquin Valley during the Spanish Period was directed toward retrieving the native neophytes who had run away from the coastal missions (Smith 2004).

A major emphasis during the Spanish Period in California was the construction of missions and associated presidios to integrate the Native American population into Christianity and communal enterprise. Incentives were also provided to bring settlers to pueblos or towns, but just three pueblos were established during the Spanish Period, only two of which were successful and remain as California cities (San José and Los Angeles). Several factors kept growth within Alta California to a minimum, including the threat of foreign invasion, political dissatisfaction, and unrest among the indigenous population.

Mexican Period (1822–1848)

After more than a decade of intermittent rebellion and warfare, New Spain (Mexico and the California territory) won independence from Spain in 1821. In 1822, the Mexican legislative body in California ended isolationist policies designed to protect the Spanish monopoly on trade, and decreed California ports open to foreign merchants (Dallas 1955).

Extensive land grants were established in the interior during the Mexican period, in part to increase the population inland from the more settled coastal areas where the Spanish had first concentrated their colonization efforts. The secularization of the missions following Mexico's independence from Spain resulted in the subdivision of former mission lands and establishment of many additional ranchos. However, little settlement of the Central Valley appears to have taken place during the Mexican Period. In 1846, Governor Pio Pico granted General José Castro the 48,000-acre Rancho Rio del San Joaquin, which encompassed roughly 1.25 miles on either side of the San Joaquin River from Millerton Lake to present-day Herndon (Baloian 2010:8).

American Period (1848–Present)

War in 1846 between Mexico and the United States precipitated the Battle of Chino, a clash between resident Californios and Americans in the San Bernardino area. The Mexican-American War ended with the Treaty of Guadalupe Hidalgo in 1848, ushering California into its American Period.

California officially became a state with the Compromise of 1850, which also designated Utah and New Mexico (with present-day Arizona) as United States Territories (Waugh 2003). Horticulture and livestock, based primarily on cattle as the currency and staple of the rancho system, continued to dominate the southern California economy through the 1850s. The Gold Rush began in 1848, and with the influx of people seeking gold, cattle were no longer desired only for their hides but also as a source of meat and other goods. During the 1850s cattle boom, *rancho vaqueros* drove large herds from southern to northern California to feed that region's burgeoning mining and commercial boom.

Like much of California, the Gold Rush had a major impact on Fresno County. Gold was discovered near Millerton in the foothills of the Sierra Nevada Range in 1850. Millerton was originally the center of settlement of the county, and it became the first county seat. The area's population increased and towns were established near supply posts along rivers and overland routes. Fresno County was organized in 1856, and the City of Fresno became the county seat in 1874.

Fresno County's agricultural potential was recognized when the otherwise arid land was transformed by early irrigation efforts. Two pioneers of irrigation in the county were Moses Church and A.Y. Easterby, who developed some of the area's first canals to supply water to their agricultural developments in 1876. As irrigation systems further developed, a shift occurred in both the size of farms and the type of crops that were grown. With more readily available water, farmers were able to move away from wheat cultivation, which required vast amounts of land, toward the premium crops that could be grown on lots as small as 20 acres, such as grapes, citrus, and tree fruit (Baloian 2010:9). This progress fostered population growth, and new communities soon developed throughout Fresno County and the San Joaquin Valley.

Clovis

Clovis was founded following the construction of a freight stop along the recently completed San Joaquin Valley Railroad in 1891. As the agricultural potential of Fresno County began to be realized in the late nineteenth century, a number of individuals rapidly developed the railway to transport the region's grain, cattle and timber further distances. In close proximity to agriculture and the nearby Sierras, the new stop had an ideal location and was named after local farmer Clovis M. Cole, who sold a large portion of his wheat ranch in support of the railway (Gudde 1998:83).

Another contributor to the growth of Clovis was the Fresno Flume and Irrigation Company. The company constructed the Shaver log flume that started at the Shaver Dam and traveled 42 miles into the valley to the present-day intersection of Fifth Street and Clovis Avenue. Here, the company constructed 40-acre mill and finishing plant, which served as an impetus for the further development of Clovis as workers arrived to work at the plant (Baloian 2010:10).

A number of businesses, churches, and schools soon developed in response to the increasing population and by 1895, the community had its first post office (Durham 1998). Following the arrival of Italian immigrants, grape production began in Clovis as the new residents started the first vineyards in the region (Smith 2004:545). Clovis incorporated in 1912 and grew modestly into the twentieth century, with its economy continuing to rely primarily on agriculture. An unprecedented demand for canned food occurred with the onset of World War I, stimulating the local economy and growth within the city. As evidence of the city's changing status, the Clovis high school was relocated to an ornate, Spanish-designed building in 1920.

Increased agricultural production required additional water, and the Central Valley Project (CVP) was undertaken in the early 1930s to provide irrigation and water management to the San Joaquin Valley. The CVP began as a New Deal project, but was not completed until the early 1950s due to labor shortages caused by World War II (Baloian 2010:11). An original component of the project is the Friant-Kern Canal, which flows immediately northeast of Clovis. The city experienced a modest building boom in the years following World War II as a number of housing developments expanded away from the city center. Although residential growth has continued since that time, the city continues to maintain the small-town character from which it developed.

RESULTS

Literature Search

On September 21, 2012, SWCA Cultural Resources Specialist Steven Treffers requested a search of the California Historical Resources Information System (CHRIS) at the Southern San Joaquin Valley Information Center (SSJVIC) located at California State University, Bakersfield. SWCA received the search results on October 9, 2012. The search included any previously recorded cultural resources and investigations within the 74.69-square-mile study area, with a review of the NRHP, the CRHR, the California Points of Historical Interest list, the California Historical Landmarks list, the Archaeological Determinations of Eligibility list, and the California State Historic Resources Inventory (HRI). Prior cultural resources studies and previously recorded cultural resources were plotted on U.S. Geological Survey topographic maps, which have been included in the Confidential Appendix A of this report, along with a letter from the SSJVIC summarizing the results of the records search.

Prior Cultural Resources Studies within the Study Area

The SSJVIC records search indicates a total of 152 prior cultural resources studies have been conducted within the 77,804-acre study area (Table 1). Of this total, the majority encompass areas that are located outside of the incorporated boundaries of the city of Clovis, in the city's SOI and the rural areas beyond. Both the northwest and southeast portions of the SOI have been extensively investigated within the last 10 years, largely as part of studies relating to the City of Clovis Specific Plan (FR-01797; FR-02289). Outside the city boundaries and SOI, the north and northeast portions of the unincorporated rural areas have also been extensively studied. Two of the studies that included much of these areas (FR-00548; FR-01130) focused on the Red Bank and Fancher Creeks, and a third (FR-02118) was in support of a proposed 3,481-acre housing development. Few cultural resources studies have been conducted within the incorporated boundaries of the city of Clovis. Investigations have been largely limited to linear corridors for transportation-related projects, including the development of SR-168 (FR-02234; FR-02235).

Table 1. Prior Cultural Resources Studies within the Study Area

SSJVIC Report No.	Title of Study	Author	Year
FR-00029	*Archaeological Investigations for the Kerckhoff Hydroelectric Project*	Varner, Dudley	1977
FR-00069	*A Phase I Architectural Survey for the Highway City Specific Plan Area City of Fresno, California*	Hudlow, Scott	1996
FR-00074	*Archaeological Reconnaissance of the Shepherd 230 kV Substation and Transmission Line*	Baker, Suzanne	1978
FR-00101	*Archaeological Reconnaissance of the Proposed Forbes Land Development*	Beck, Allen	1985
FR-00107	*Archaeological Reconnaissance of the Proposed Sobaje Land Development*	Unknown	n.d.

Table 1. Prior Cultural Resources Studies within the Study Area

SSJVIC Report No.	Title of Study	Author	Year
FR-00117	*Cultural Resources Survey for Rural Residential Development of Tract #4267 (near Barstow and McCall Avenues) Fresno County*	Michael Paoli and Associates	1991
FR-00118	*Cultural Resources Survey for Rural Residential Development of Tract #4249 in Fresno County*	Michael Paoli and Associates	1991
FR-00142	*Phase-1 Archaeological Survey for a Co-Location Communications Facility, Fresno County, California*	Flint, Sandra	1998
FR-00161	*A Cultural Resources Survey for the Proposed Copper Avenue Extension Project Initial Study, Fresno Metropolitan Flood Control District, Fresno County, California*	Roper, Kristina	1998
FR-00169	*Gewachiu: The Salvage of Site 4-FRE-398*	McAlexander, Marvin and Ward Upson	1969
FR-00196	*Negative Archaeological Survey Report, Route 168, R9.3/R11.9, Fresno County*	Laylander, Don and Karen Nissen	1997
FR-00256	*Request for Determination of Eligibility from the Keeper of the National Register of Historic Properties Submitted to the Advisory Council on Historic Preservation*	Smith, Ephraim	1996
FR-00270	*Cultural Resources Survey for the Sunnyside/Alluvial Avenues School Site, Clovis Unified School District, Fresno County*	Michael Paoli and Associates	1991
FR-00272	*Cultural Resources Assessment, Basin 7-D Fowler and Alluvial Avenues, Clovis, Fresno County*	Michael Paoli and Associates	1991
FR-00279	*Cultural Resources Assessment for the Clovis Unified School District Northeast Educational Center Shepherd Avenue, Fresno County*	Michael Paoli and Associates	1992
FR-00281	*Cultural Resources Assessment, Fresno Metropolitan Flood Control District Stormwater Retention Basin BT, Nees and Marion Avenues, Fresno County*	Michael Paoli and Associates	1992
FR-00282	*Cultural Resources Assessment, for the Fresno Metropolitan Flood Control District Stormwater Retention Basins BD, BX, BZ, DE, and AQ in Northeast Fresno and North Clovis, Fresno County*	Michael Paoli and Associates	1992
FR-00284	*Cultural Resources Assessment, Rural Residential Development, Shepherd, Academy and SR 168, Fresno County*	Bissonnette, Linda	1992
FR-00289	*Phase I Cultural Resources Assessment, Clovis Unified School District Elementary School Site, Gettysburg and Locan Avenues, Fresno County*	Bissonnette, Linda	1993
FR-00290	*Cultural Resources Assessment, Fresno Metropolitan Flood Control District, Big Dry Creek Ditch Realignment, Fresno County*	Bissonnette, Linda	1993
FR-00293	*Phase I Cultural Resources Assessment, Eagle Gate Corporation Subdivision, Shepherd Avenue Near Fowler Avenue, Fresno County*	Bissonnette, Linda	1993
FR-00298	*Phase I Cultural Resources Assessment, Clovis Unified School District Elementary School Site, Herndon and Locan Avenues, Fresno County*	Bissonnette, Linda	1993
FR-00303	*Phase I Cultural Resources Assessment, Fresno Metropolitan Flood Control District, Stormwater Retention Basins 7H, 4D, and BQ, Fresno County*	Bissonnette, Linda	1996
FR-00340	*An Archaeological Reconnaissance Along Herndon Avenue between Villa and State Highway 168, Fresno County, California (EA 1565)*	Varner, Dudley	1979
FR-00391	*Archaeological Reconnaissance of Villa Avenue, from Shaw Avenue to Herndon Avenue, Fresno County*	Varner, Dudley	1980
FR-00392	*Archaeological and Historical Survey for Ashlan Avenue Widening Project, Fresno County, California*	Unknown	n.d.
FR-00399	*Archaeological and Historical Survey for Peach Avenue Widening and Improvements Project*	Granskog, Jane	1983

Table 1. Prior Cultural Resources Studies within the Study Area

SSJVIC Report No.	Title of Study	Author	Year
FR-00438	*Archaeological Reconnaissance for TPM 5548, Fresno County, CA*	Crist, Michael and Billy Peck	1980
FR-00450	*An Archaeological Assessment of Fowler Avenue, Fresno County, California*	Jackson, Scott	1991
FR-00483	*Archaeological and Historical Inventory for the Bullard/Fifth Street Couplet Project, Fresno County, California*	Kipps Jo Anne	1982
FR-00492	*Negative Archaeological Survey Report, Fresno Metropolitan Flood Control District, Basin DM, Fresno County, California*	Kus, James	1992
FR-00493	*Negative Archaeological Survey Report, Fresno Metropolitan Flood Control District, Basin DL, Fresno County, California*	Kus, James	1992
FR-00494	*Negative Archaeological Survey Report, Fresno Metropolitan Flood Control District, Basin 3G, Fresno County, California*	Kus, James	1992
FR-00523	*Archaeological Survey of the Academy Specific Plan Area, Fresno County, California, Preliminary Report*	Kus, James, Donald Wren, and Claudia Mader	1992
FR-00524	*Archaeological Survey of the Academy Specific Plan Area, Fresno County, California, Final Report*	Kus, James, Donald Wren, and Claudia Mader	1992
FR-00534	*Archaeological Survey Report for the Behymer Lake Storm Drainage and Flood Control Project, Initial Study*	Jones & Stokes Associates, Inc.	1991
FR-00548	*Redbank and Fancher Creeks Intensive Cultural Resources Survey*	Meighan, Clement and Brian Dillon	1987
FR-00621	*An Archaeological Assessment of the Quail Lakes Project, Fresno County, California*	Parr, Robert	1990
FR-00661	*Archaeological Survey Report of Route 168 Study Areas, Fresno County, California*	Price, Barry, Michael Moratto and C.G. Lebow	1992
FR-00792	*Environmental Assessment 1406 (Thompson and Nees Roads)*	Cursi, Kathi and Dudley Varner	1978
FR-00793	*Archaeological Reconnaissance of the Harlan/Parr Property, Fresno County, California*	Cursi, Kathi and Dudley Varner	1979
FR-00818	*A Cultural Resources Survey for the California State University, Fresno, 69 Acres SNAP Parcel at the Intersection of Bullard and Willow Avenues, Fresno County, California*	Wickstrom, Brian	1995
FR-00847	*RE: EA No. 1616*	Varner, Dudley	1978
FR-00892	*Redbank Estates Reconnaissance EA 1982 Tract #3301*	Wren, Donald	1980
FR-00929	*Walker Moore Archaeological Survey TP 5901-EA 2251*	Wren, Donald	1982
FR-01006	*Archaeological Field Reconnaissance Report Summary: Chesnut-Willow Avenue Project*	Wren, Donald	1988
FR-01084	*An Archaeological Survey for Susan Mortensen, Variance Application No. 3353 – EA 3810*	Wren, Donald	1992
FR-01114	*An Archaeological Survey of a Proposed Ponding Basin, Locan Avenue, Fresno County, California*	Wren, Donald	1995
FR-01117	*An Archaeological Survey: A Proposed Elementary School Site on Sierra Avenue*	Wren, Donald	1995
FR-01124	*An Archaeological Survey for Robert Carson, Northwest Corner of Academy and Shaw, Fresno County, California*	Wren, Donald	1996

Table 1. Prior Cultural Resources Studies within the Study Area

SSJVIC Report No.	Title of Study	Author	Year
FR-01130	*Archaeological Reconnaissance of the Redbank and Fancher Creek Investigation Area*	Wren, Donald and Michael Crist	1975
FR-01140	*Final Report: Redbank and Fancher Creeks Archaeological Data Recovery Program, CA-FRE-632, -633, -1154, and -1155, Fresno County, California*	Langenwalter, Paul, et al.	1989
FR-01172	*Archaeological Investigations for the Kerckhoff Hydroelectric Project, Fresno County*	Varner, Dudley and Kevin McCormick	1977
FR-01173	*Progress Report on the Intensive Cultural Resources Survey of the Lands Proposed for the Redbank and Fancher Creeks Flood Control Project, Fresno County, California*	Meighan, C.W. and B.D. Dillon	1984
FR-01174	*Dillon, Redbank Fancher NRHP Evaluations, Draft*	Unknown	1987
FR-01222	*Historic Property Survey Report, Willow Avenue, between 1,320 north of Shaw Avenue to Herndon Avenue*	Fey, Russell	1989
FR-01223	*Revised Draft, Historic Architectural Survey Report, Willow Avenue Extension, City of Fresno*	Fey, Russell	1989
FR-01236	*Historical Property Survey Report for the Villa Avenue Improvement Project, Clovis California*	Larry Seeman Associates	1981
FR-01588	*Historical Architectural Survey Report for Route 168 Rural Project*	Smith, Ephraim	1991
FR-01589	*An Archaeological Survey Report for a Portion of the Adopted Route of 6-FRE-168*	Dondero, Steven	1989
FR-01590	*Route 168, Temperance Avenue to Lodge Road, 06-FRE-168-R9.0/R28.1, Historic Architectural Survey Report*	Dames & Moore	1991
FR-01619	*Dog Creek Cultural/Historical Resource Report*	Wren, Donald	1999
FR-01657	*A Cultural Resource Study for the Via Wireless Base Site on Copper Avenue, Near Clovis, Fresno County, California*	Varner, Dudley	2000
FR-01700	*A Phase I Archaeological Study for a Proposed Senior Housing Project Located at 101 Barstow Road, City of Clovis, County of Fresno, California*	Wlodarski, Robert	2001
FR-01718	*RE: Nextel Communications Wireless Telecommunications Service Facility – Fresno County*	Billat, Lorna	n.d.
FR-01724	*Review of the Proposed AT&T Wireless Services Project "Clovis Community," located at 7499 North Locan Avenue in the City of Clovis, Fresno County, California*	ATC Associates Inc.	2000
FR-01725	*Review of the Proposed AT&T Wireless Services Project "Armstrong," located at 457 Armstrong Avenue in the City of Clovis, Fresno County, California*	ATC Associates Inc.	2000
FR-01726	*Review of the Proposed AT&T Wireless Services Project "Triple A," located 1655 Shaw Avenue in the City of Clovis, Fresno County, California*	ATC Associates Inc.	2000
FR-01758	*Archaeological Survey and Architectural Evaluation for the Academy Avenue Widening Project, Highway 180 to Shaw Avenue, Fresno County, California*	Applied EarthWorks, Inc.	2001
FR-01760	*An Assessment of the Historical and Architectural Significance of Clovis Union High School*	Smith, Ephraim and John Powell	1981
FR-01797	*A Cultural Resource Study for the Clovis Southeast Specific Plan, Clovis, California*	Wren, Donald	2002
FR-01806	*RE: 36 CFR Part 800 Review for Pacific Bell Wireless CV-608-01, 1620 Herndon Avenue, Clovis, Fresno County*	Rugroden, Sandie	2001
FR-01813	*RE: Archaeological Survey Report and Record Search Review for Clayton Project No. 70-01740.00, Ashlan Cell Site, Fresno County (PL# 922-27)*	Pacific Legacy, Inc.	2002

Table 1. Prior Cultural Resources Studies within the Study Area

SSJVIC Report No.	Title of Study	Author	Year
FR-01817	*Review of the Proposed Bechtel Telecommunications/AT&T Wireless Services Project "Bullard and Highway 168," located at SE Corner of Stuart Avenue and Peach Avenue in Clovis, Fresno County, California*	ATC Associates Inc.	2001
FR-01821	*RE: 36 CFR Part 800 Review for Pacific Bell Wireless CV-610-01, 100 East Ashlan Avenue, Clovis, Fresno County*	Rugroden, Sandie	2001
FR-01832	*RE: Nextel Communications Wireless Telecommunications Service Facility – Fresno County*	Billat, Lorna	n.d.
FR-01842	*Results of Archaeological Survey Conducted at Proposed "Tarpey Village" Verizon Wireless Tower, Fresno County, California (REF. #FCC011108A)*	O'Connell, Keith	2002
FR-01846	*Review of the Proposed Bechtel Telecommunications/AT&T Wireless Services Project "Willow and Shaw," located at 771 West Shaw Avenue in Fresno, Clovis County [sic], California*	Knudson, Holly	2001
FR-01863	*Archaeological Investigations for Tower Modifications at 34 Cell Tower Sites*	Nadolski, John A.	2001
FR-01866	*Archaeological Survey and Architectural Evaluation for the Academy Avenue Reconstruction Project, Shaw Avenue to Highway 168, Fresno County, California*	Nettles, Wendy, Kevin Palmer, and Sandra Flint	2002
FR-01869	*Archaeological Investigations for Tower Modifications at 34 Cell Tower Sites*	Nadolski, John A.	2001
FR-01870	*Archaeological Investigations for Tower Modifications at 34 Cell Tower Sites*	Nadolski, John A.	2001
FR-01876	*Negative Archaeological Survey Report, Ferrara Archaeological Survey*	Kus, James	2002
FR-01879	*A Cultural Resource Study, Dry Creek Impoundment Project, City of Clovis, Fresno County, California*	Wren, Donald	2002
FR-01880	*RE: Cultural Resource Assessment for Cingular CV-735-02, Willow/Herndon*	Holson, John	2002
FR-01890	*A Cultural Resource Study, Teague/Clovis Elementary School Project, Fresno County, California*	Wren, Donald	2002
FR-01902	*A Cultural Resource Study for the Estill Property, Fresno County, California*	Varner, Dudley	2003
FR-01946	*Section 106 Review of the Proposed Bechtel Corporation Project "Buchanan," located at the Southeast Corner of Willow Avenue and Nees Avenue in Clovis, Fresno County, California*	Moore, Holly	2003
FR-01975	*NEPA Screening for Wireless Telecommunication Site – Ashlan Academy Cell Site, 12457 East Ashlan Avenue in Sanger, California*	Krzeminski, Mike	2001
FR-01977	*A Phase I Archaeological Study for the L.C. Hotchkiss Terrace II Senior Housing Project, City of Clovis, County of Fresno, California*	Wlodarski, Robert	2004
FR-01982	*A Cultural Resource Study of the Harland Ranch Property, Fresno County, California*	Varner, Dudley	2003
FR-02016	*A Cultural Resource Study of the Harland Ranch – Additional Property, Fresno County, California*	Varner, Dudley	2004
FR-02030	*RE: Cultural Resource Assessment for the Sierra Vista Mall Cellular Tower, Project #CC-532-05*	St. Clair, Michelle	2004
FR-02042	*A Cultural Resource Study of the Ashland-Leonard Property, Fresno County, California*	Varner, Dudley	2004
FR-02043	*RE: Proposed Cellular Tower Project in Fresno County, California, Site Name/Number: CA-1203A/Marks-Lower Valley; CA-1261A/Nees; and CA-1753D/Temperance*	Billat, Lorna	2004
FR-02044	*A Cultural Resource Study of the Mathias Property, Fresno County, California*	Varner, Dudley	2004
FR-02061	*A Cultural Resource Study of the Jensen Property, Fresno County, California*	Varner, Dudley	2004

Table 1. Prior Cultural Resources Studies within the Study Area

SSJVIC Report No.	Title of Study	Author	Year
FR-02062	*Request for SHPO Review of FCC Undertaking, Shepherd/CA-1202A, Fresno County*	Thai, Sean	n.d.
FR-02066	*Request for SHPO Review of FCC Undertaking, McCall/CA-1206A, Fresno County*	Thai, Sean	n.d.
FR-02068	*Request for SHPO Review of FCC Undertaking, Toll House/CA-1241C, Fresno County*	Thai, Sean	n.d.
FR-02077	*A Cultural Resource Study of the Bautista Property, Fresno County, California*	Varner, Dudley	2005
FR-02078	*A Cultural Resource Study of the Boatman Property, Fresno County, California*	Varner, Dudley	2005
FR-02092	*RE: Archaeological Assessment of the Proposed Ashlan Minnewawa Cingular Wireless Cell Site (FS-509-01), Fresno County, California (PL# 1170-108)*	Holson, John	2005
FR-02099	*Records Search Results and Site Visit for Cricket Telecommunications Facility Candidate FAT-034A (Ashlan/DeWolf), 7715 East Ashlan, Clovis, Fresno County, California*	Bonner, Wayne	2005
FR-02103	*Records Search Results and Site Visit for Cricket Telecommunications Facility Candidate FAT-060A (Academy/Ashlan), 12457 East Ashlan, Sanger, Fresno County, California*	Bonner, Wayne	2005
FR-02115	*A Cultural Resource Study of the Highland-Leonard Property, Fresno County, California*	Varner, Dudley	2005
FR-02118	*Sensitivity Analysis for a Proposed 3,481-Acre Housing Development near the City of Clovis in Fresno County, California*	Flint, Sandra, Wendy Nettles, and Randy Baloian	2005
FR-02123	*Historic Resources Evaluation Report for the Peach Avenue Couplet, Clovis, California*	Nettles, Wendy and Randy Baloian	2005
FR-02124	*HPSR and ASR, for the Peach Avenue Couplet Project*	Baloian, Randy	2005
FR-02125	*Archaeological Survey Report, Preach Avenue Couplet Project, Clovis, California*	Baloian, Randy	2005
FR-02175	*Hope VI – Yosemite Village Project Site, Archaeological Survey, County of Fresno*	Hatoff, B., D. Livingstone, and M. St. Clair	2005
FR-02180	*New Tower ("NT") Submission Packet, FCC Form 620, Highland, CA-3280F*	Billat, Lorna	2006
FR-02181	*New Tower ("NT") Submission Packet, FCC Form 620, Sierra Highway, SC-10144B*	Billat, Lorna	2006
FR-02182	*RE: SHPO Consultation, Cellular Communications Tower Site – Bullard & Highland, 8881 East Bullard Avenue, Fresno County, Clovis, California*	O'Connell, Keith	2005
FR-02183	*Records Search Results and Site Visit for Cingular Telecommunications Facility Candidate FRSNCAFR104 (Cherokee Road), 95 West Shaw Avenue, Clovis, Fresno County, California*	Bonner, Wayne	2005
FR-02203	*A Cultural Resource Study of the Battlin Brooks Property, Fresno County, California*	Varner, Dudley	2006
FR-02204	*RE: Archaeological Literature Review for the Proposed Copper Minnewawa Site (FS-511-C1), Fresno County California PL #1735-03*	Jones, Kari	2006
FR-02214	A Cultural Resource Study of the Nees Assemblage Property, Fresno County, California	Varner, Dudley	2006
FR-02215	*Archaeological Survey Report for the City of Clovis Enterprise Canal Trail Project, Fresno County, California*	Baloian, Randy	2006

Table 1. Prior Cultural Resources Studies within the Study Area

SSJVIC Report No.	Title of Study	Author	Year
FR-02234	*Historic Property Survey Report, Route 168 Urban Project, PM 0.0 Route 180 to PM 9.0 Temperance Avenue, 06-Fre-168 R0.0/R9.0, 06255-342200, Contract No. 06SFP8803*	Hack, Sheryl	1992
FR-02235	*Historic Architectural Survey Report #1 for Route 168 Urban Project, 06-Fre-168 R0.0/R9.0, 06255-342200*	Hack, Sheryl	1992
FR-02239	*NT Submission Packet – FCC Form 620, Cell Tower Site at 488 West Shaw Avenue, Clovis, Fresno County, California*	Hatoff, Brian	2006
FR-02241	*New Tower ("NT") Submission Packet, FCC Form 620, Burgan, SC-10143B*	Billat, Lorna	2006
FR-02251	*Records Search Results and Site Visit for Cingular Telecommunications Facility Candidate FS-511-04 (Copper/Minnewawa), 3497 East International, Clovis, Fresno County, California*	Bonner, Wayne	2005
FR-02254	*Cultural Resources Report, ESPN Radio Towers, Unclassified Conditional Use Permit, Application No. 3111, SCH #2005081063*	Hatoff, Brian	2006
FR-02257	*Archaeological Survey Report for the Willow and Shepherd Avenues Signal Light Project in Clovis and Fresno, Fresno County, California*	Baloian, Randy	2006
FR-02258	*Historical Resources Evaluation Report for the Willow and Shepherd Avenues Signal Light Project in Clovis and Fresno, Fresno County, California*	Nettles, Wendy and Randy Baloian	2006
FR-02259	*Historical Resources Evaluation Report and Archaeological Survey Report for the Herndon Avenue Widening Project between Willow and Minnewawa in Clovis, Fresno County, California*	Baloian, Randy	2006
FR-02266	*Evaluation of the Historical Significance of the Balfe Ranch, Fresno County, California*	Nettles, Wendy and Randy Baloian	2007
FR-02269	*New Tower ("NT") Submission Packet, FCC Form 620, North Fowler, CA-3108J*	Billat, Lorna	2006
FR-02285	*NT Submission Packet – FCC Form 620, Cingular Wireless, Shepherd & Sunnyside*	Losee, Carolyn	2006
FR-02289	*Cultural Resources Reconnaissance Survey of the City of Clovis Northwest Urban Center Specific Plan Area, Fresno County, California*	Nettles, Wendy and Randy Baloian	2006
FR-02295	*New Tower ("NT") Submission Packet, FCC Form 620, Clovis, CA-006*	Billat, Lorna	2007
FR-02296	*New Tower ("NT") Submission Packet, FCC Form 620, Lamonica Stadium, SC-3001A*	Billat, Lorna	2008
FR-02301	*Cultural Resources Inventory for the City of Clovis Research and Technology Business Park Expansion Project, Fresno County, California*	Baloian, Randy	2008
FR-02308	*RE: Cultural Resources Investigation for AT&T Project CN2530-B "Shepherd & Sunnyside" 1120 North Sunnyside Avenue, Clovis, Fresno County, California*	Losee, Carolyn	2008
FR-02319	*Archaeological Survey Report, Willow Avenue Widening in the City of Fresno between Decatur and Perrin Avenues, Fresno County, California*	Baloian, Randy	2009
FR-02320	*Records Search Results and Site Visit for T-Mobile USA Candidate SC10143C (SR896-Gettysburg Elementary) 2100 Gettysburg Avenue, Clovis, Fresno County, California*	Bonner, Wayne	2008
FR-02321	*Records Search Results and Site Visit for T-Mobile USA Candidate SR912-SC40139A (Veteran's Stadium), 1560 Minnewawa Avenue, Clovis, Fresno County, California*	Bonner, Wayne	2008
FR-02323	*Phase I Cultural Resources Study, Clovis Community Medical Center, Healthcare Campus Expansion, Herndon and Temperance Avenues, City of Clovis, Fresno County, California*	Roper, Kristina	2008

Table 1. Prior Cultural Resources Studies within the Study Area

SSJVIC Report No.	Title of Study	Author	Year
FR-02355	*Cultural Resource Study for a Wilson Homes Project (Bullard & Locan) in the City of Clovis, Fresno County, California*	Varner, Dudley	2010
FR-02356	*Cultural Resource Study for a Two Creeks South Project (DeWolf & Leonard) in the City of Clovis, Fresno County, California*	Varner, Dudley	2010
FR-02357	*Cultural Resource Study for a 5701 Enterprises, L.P. Project Ashland and Leonard) in the City of Clovis, Fresno County, California*	Varner, Dudley	2010
FR-02390	*Evaluation of the Historical Significance of La Paloma Winery in Clovis, Fresno County, California*	Nettles, Wendy and Randy Baloian	2008
FR-02414	*Cultural Resources Inventory of Caltrans District 6 Rural Conventional Highways in Fresno, Western Kern, Kings, Madera, and Tulare Counties*	Leach-Palm, Laura, et al.	2010
FR-02425	*New Tower ("NT") Submission Packet, FCC Form 620, Ashlan Avenue & Armstrong Avenue, CN2708*	Billat, Lorna	2011
FR-02465	*RE: Archaeological Monitoring for the City of Clovis Solar Panel and Carport Construction Project*	Armstrong, Matthew	2012
FR-02474	*Archaeological Survey Report, Temperance Avenue Widening in the City of Clovis, Fresno County, California*	Baloian, Randy	2012
FR-02476	*Historical Resources Evaluation Report, Shaw and De wolf Avenue Signal Light Project in the City of Clovis, Fresno County, California*	Morlet, Aubrie	2012
FR-02490	*Section 106 Compliance for Enterprise Canal at Big Dry Creek Improvement Project, Fresno County, California (Project No. 10-SCAO-015)*	Chotkowski, Michael	2009
FR-02500	*Records Search Results and Site Visit for T-Mobile USA Candidate SR912-SC40139A (Veteran's Stadium), 1560 Minnewawa Avenue, Clovis, Fresno County, California*	Bonner, Wayne	2008
FR-2502	*NT Submission Packet, New Cell Tower at 2823 Helm Avenue, Odd Fellow SC10105A*	Hooks, Cullon	n.d.

Previously Recorded Cultural Resources within the Study Area

As identified in Table 2, the SSJVIC CHRIS records search identified 60 previously recorded cultural resources in the study area (SSJVIC 2012). Of these, there are 25 prehistoric archaeological sites, 4 historic archaeological sites, 1 combined prehistoric/historic archaeological site, and 30 historic buildings, structures, or objects (BSOs). The resources are primarily located outside the incorporated boundaries of the City of Clovis, where the majority of the prior cultural resources have been conducted as described above.

Of the 60 previously recorded cultural resources, 11 (10-001154; 10-00155; 10-001691; 10-004704; 10-004708; 10-005014; 10-0055635; 10-005801; 10-005837; 10-006109; and 10-006110) have been determined eligible for the NRHP, and are also eligible for or listed in the CRHR. Many of the prehistoric and historic archaeological sites identified have not been evaluated for historical significance. Additionally, some historic buildings and properties were determined ineligible for the NRHP, but were not evaluated for state or local significance.

Table 2. Previously Recorded Cultural Resources within the Study Area

Primary No.	Trinomial	Resource Description	CRHR/NRHP Eligibility Status	Recorded by and Year
10-001154	CA-FRE-1154	Prehistoric site: bedrock milling site	2S2	Dillon, B. 1984
10-001155	CA-FRE-1155	Prehistoric site: bedrock milling site	2S2	Dillon, B. 1984
10-001395	CA-FRE-1395	Prehistoric site: bedrock milling site	N/A	Wren, D. 1982
10-001691	CA-FRE-1691	Prehistoric site: bedrock milling site	2S2	Indermill, R. & Planas, L. 1984
10-002574	CA-FRE-2574H	Prehistoric/historic site: flaked stone tool and debitage; domestic trash and debris scatter	N/A	Ross, K. 2009
10-002610	CA-FRE-2610	Prehistoric site: artifact concentration	N/A	Price, C. 1990
10-002611	CA-FRE-2611	Prehistoric site: processing site with bedrock milling	N/A	Price, C. 1990
10-002655	CA-FRE-2655	Prehistoric site: bedrock milling site	N/A	Price, B. 1991
10-002678	CA-FRE-2678	Prehistoric site: bedrock milling site	N/A	Columbo, M. et al. 1992
10-002679	CA-FRE-2679	Prehistoric site: bedrock milling site	N/A	Columbo, M. et al. 1992
10-002680	CA-FRE-2680	Prehistoric site: bedrock milling site	N/A	Columbo, M. et al. 1992
10-002681	CA-FRE-2681	Prehistoric site: bedrock milling site	N/A	Columbo, M. et al. 1992
10-002716	CA-FRE-2716	Prehistoric site: bedrock milling site	N/A	Forrest, D. et al. 1991
10-002717	CA-FRE-2717	Prehistoric site: bedrock milling site	N/A	Forrest, D. et al. 1991
10-002718	CA-FRE-2718	Prehistoric site: bedrock milling site	N/A	Forrest, D. et al, 1991
10-002719	CA-FRE-2719	Prehistoric site: bedrock milling site	N/A	Forrest, D. et al. 1991
10-002720	CA-FRE-2720	Prehistoric site: bedrock milling site	N/A	Forrest, D. et al. 1991
10-002721	CA-FRE-2721	Prehistoric site: bedrock milling site	N/A	Forrest, D. et al. 1991
10-002792	CA-FRE-2792	Prehistoric site: bedrock milling site	N/A	Wren, D. and Forrest, D. 1991
10-002798	CA-FRE-2798	Prehistoric site: bedrock milling site	N/A	Forrest, D. and D. Wren, 1991
10-002809	CA-FRE-2809	Prehistoric site: bedrock milling site	N/A	Forrest, D. and D. Wren, 1991
10-002811	CA-FRE-2811	Prehistoric site: bedrock milling site	N/A	Forrest, D. and D. Wren, 1991
10-002812	CA-FRE-2812	Prehistoric site: bedrock milling site	N/A	Forrest, D. and D. Wren, 1991
10-002860	CA-FRE-2860H	Historic site: metal wagon wheel and axle, and scattered iron pieces	N/A	Kus, J. and C. Mader, 1993

Table 2. Previously Recorded Cultural Resources within the Study Area

Primary No.	Trinomial	Resource Description	CRHR/NRHP Eligibility Status	Recorded by and Year
10-002861	CA-FRE-2861H	Historic site: sheetmetal and solder seamed cans, fenceposts, barbed wire, concrete, buggy parts, one large unidentified cast iron piece, modern garbage, and glass	N/A	Kus, J. and C. Mader, 1993
10-002862	CA-FRE-2862	Prehistoric site: small scatter of lithics	N/A	Kus, J. and C. Mader, 1993
10-002863	CA-FRE-2863	Prehistoric site: bedrock milling site	N/A	Kus, J. and C. Mader, 1993
10-002904	CA-FRE-2904	Prehistoric site: bedrock milling site	N/A	Bissonnette, Linda, 1993
10-002993	CA-FRE-112H	Historic site: clear glass medicine bottle	N/A	Price, B., 1991
10-004668	–	Historic BSO: Herndon Orchards	6Z	Fey, Michael, 1989
10-004704	–	Historic BSO: Friant-Kern Canal/Academy Avenue Bridge	3	Palmer, Lex, 2001
10-004706	–	Historic BSO: residence and ancillary building	6Z	Palmer, Lex, 2001
10-004707	–	Historic BSO: Enterprise Canal Bridge	6Z	Palmer, Lex, 2001
10-004708	–	Historic BSO: residence and barn	3	Palmer, Lex, 2001
10-005014	–	Historic BSO: Loflin Residence	3S	Smith, E.K. and N.L. Pennington, 1996
10-005197	–	Historic site: original site of the Tarpey Depot	N/A	Wesson, A. and C. Hacking, 2002
10-005313	–	Historic BSO: 4845 E. Inyo Ave.	6Z	Livingstone, David, 2003
10-005474	–	Historic BSO: Dirlin Property	6Z	Brady, Jon, 2005
10-005509	–	Historic BSO: Gattie Farm,	6Z	Applied EarthWorks, Inc., 2005
10-005510	–	Historic BSO: Radisich Farm	6Z	Applied EarthWorks, Inc., 2005
10-005511	–	Historic BSO: West Branch Helm Colonial Ditch	6Z	Applied EarthWorks, Inc., 2005
10-005569	–	Historic BSO: Brown Farm	6Z	Baloian, R., 2006
10-005635	–	Historic BSO: Balfe Ranch	3S	Nettles, W., 2007
10-005801	–	Historic BSO: JFR-009; Friant-Kern Canal	2S2	Beason, Mark and Rebecca Flores, 1951
10-005820	–	Historic BSO: C. Todd Clark Farm Complex	6Z	Smith, E.K. and N.L. Pennington, 1991; Baloian, R., 2007
10-005837	–	Historic BSO: La Paloma Winery	3CS	Nettles, W., 2008
10-005934	–	Historic BSO: Enterprise Canal	6Z	Baloian, R., 2007
10-006106	–	Historic BSO: Livonia and Horace Riggs Residence	6Z	Scott, Gloria, 1992.

Table 2. Previously Recorded Cultural Resources within the Study Area

Primary No.	Trinomial	Resource Description	CRHR/NRHP Eligibility Status	Recorded by and Year
10-006107	–	Historic BSO: Rollie Argent House	6Z	Scott, Gloria, 1992
10-006108	–	Historic BSO: Thomas Howison Residence	6Z	Scott, Gloria, 1992
10-006109	–	Historic BSO: Cobb-Wheeler Residence	3S	Scott, Gloria, 1992
10-006110	–	Historic BSO: Truman Kahler Property	3S	Scott, Gloria, 1992
147128*	–	Historic BSO: 222 5th Street	6Y	USFS, 2000
079545*	–	Historic BSO: 1636 5th Street	7J	DOE/HUD, 1992
080502*	–	Historic BSO: 7832 East Tollhouse Road	6Y	FHWA, 1993
080503*	–	Historic BSO: 9036 East Tollhouse Road	6Y	FHWA, 1993
123244*	–	Historic BSO: 116 North 10th Street	6Y	DOE/HUD, 1999
084756*	–	Historic BSO: 325 Pollasky Avenue (Clovis Chamber Community Hall)	7N1	Unknown, 1989
187620*	–	Historic BSO: 1835 Shaw Avenue (Back of the Sierra)	6Y	FDIC, 2012
097637*	–	Historic BSO: 8953 Tollhouse Road (Larson Residence [Fig Ranch])	6Y	FHWA, 1995

Notes:

2S2 = individual property determined eligible for NRHP by a consensus through Section 106 process; listed in CRHR.

3 = appears eligible for NRHP to person completing or reviewing form.

3S = appears eligible for the NRHP as an individual property through survey evaluation.

3CS = appears eligible for CRHR as an individual property through survey evaluation.

6Y = determined ineligible for the NRHP by consensus through Section 106 process; not evaluated for CRHR or local listing.

6Z = found ineligible for NRHP, CRHR, or local designation through survey evaluation.

7J = received by Office of Historic Preservation for evaluation or action but not yet evaluated.

7N1 = needs to be reevaluated (formerly NRHP Status Code 4).

* HRI property number – no primary number associated with resource.

Fresno County List of Historical Resources

The Fresno County Historical Landmarks and Records Commission also maintains a list of archaeological sites and historic sites, buildings and structures found to be locally significant (Fresno County 2012), including 14 located within the city of Clovis (Table 3).

Table 3. City of Clovis Properties Listed in the Fresno County List of Historical Resources

County Site No.	Resource Name	Address or Location	Property Description
18	Fresno Copper Mine	4 miles northeast of Clovis near Old Stage Road	One of two copper mines in Fresno County, operating between 1870 and 1912
31	Pollasky Railroad	None listed	Rail line that ran from Fresno City to Friant and was later taken over by the Southern Pacific Railroad
110	The Hays Home	4735 North Temperance Avenue	Eastlake-style residence built in 1903
111	The Reyburn Home	4538 North DeWolf Avenue	Vernacular-style residence built in 1881
112	The Sharer Home	6177 East Shaw Avenue	Eastlake-style residence built in 1892
113	The Browne House	3354 East Behymer Avenue	Eastlake-style residence built in 1916

Table 3. City of Clovis Properties Listed in the Fresno County List of Historical Resources

County Site No.	Resource Name	Address or Location	Property Description
138	Ovid Ingmire Home	336 Pollasky Avenue	None provided
146	Old Clovis Courthouse	Southeast corner of 4th Street and Pollasky Avenue	Courthouse that was constructed between 1912 and 1915 as the First National Bank of Clovis
157*	Carnegie Library	325 Pollasky Avenue	Library that was constructed in 1914
178	Garfield School	3958 East Sheperd Avenue	School constructed in 1912, no longer extant
180	Old Clovis High School	901 5th Street	Old high school, constructed in 1920
188	Academy Cemetery	Mendocino Road	One of the oldest cemeteries in Fresno County
192*	Larson Residence and Cobb Fig Compound	8953 E. Tollhouse Road	Five pre-1946 structures
193	L.W. Gibson House	940 3rd Street	Residence built in 1912

Notes:

*Also identified in records search, see Table 2.

Historic Research

Review of Historic Maps

In addition to reviewing previously conducted studies and previously recorded site records, SWCA examined the study area on historic U.S. Geological Survey topographic maps. By the early 1920s, the downtown area of Clovis was partially developed, with commercial and residential buildings clustered around the Southern Pacific Railroad tracks. Outside the city center, the area was still sparsely populated and appears to have been largely agricultural. The city grew modestly in the following 20 years and had not changed extensively by the end of World War II. Typical of post–World War II growth, substantial development occurred in and around the city by 1964, with a much denser city center and a number of housing tracts in place to the south and southwest. Aerial photographs show the city has continued to develop substantially since this time and that the previously agricultural surrounding areas are now primarily residential.

Sacred Lands File Search and Initial Native American Coordination

Native American coordination was initiated for this project on September 21, 2012. As part of the process of identifying cultural resources in or near the study area, the California Native American Heritage Commission (NAHC) was contacted to request a review of the Sacred Lands File (SLF). The NAHC faxed a response on September 24, 2012 (Appendix B), and stated that Native American cultural resources were identified within 0.5 miles of the study area, specifically in the Academy, Friant, and Round Mountain quadrangles. Additionally, the NAHC noted the possibility for cultural resources to be unearthed during construction activities. A contact list of 16 Native American individuals or tribal organizations that may have knowledge of cultural resources in or near the study area was also provided by the NAHC. Letters were prepared and mailed to each of the NAHC-listed contacts on September 25, 2012, requesting information regarding any Native American cultural resources in or immediately adjacent to the study area.

Four responses were received regarding the coordination letters. The record of telephone conversation and email for these responses is included in Appendix B of this report:

- On October 2, 2012, David Alvarez of the Traditional Choinumni Tribe stated via email that cultural resources do exist in or near the study area, and requested that this information be noted in the General Plan Update.
- On October 9, 2012, SWCA spoke via telephone with Lawrence Bill of the Sierra Nevada Native American Coalition. Mr. Bill stated that there are culturally sensitive areas in the study area and requested that he be notified if any Native American religious or cultural resources are identified during any future ground-disturbing activities.
- SWCA spoke via telephone with John Davis of the Kings River Choinumni Farm Tribe on October 9, 2012, who requested that he be notified if any Native American religious or cultural resources are identified during any future ground-disturbing activities.
- On October 9, 2012, SWCA spoke via telephone with Stan Alec of the Kings River Choinumni Farm Tribe. Mr. Alec stated that there are culturally sensitive areas in the study area and requested that he be notified if any Native American religious or cultural resources are identified during any future ground-disturbing activities.

Two follow-up phone calls were made to each of the remaining seven Native American contacts on October 9, 2012, and October 23, 2012. No additional responses have been received to date. A complete record of Native American coordination to date is provided in Table 4.

Table 4. Record of Native American Coordination Efforts

NAHC-Provided Contact	Coordination Efforts	Results of Coordination Efforts
Big Sandy Rancheria of Mono Indians P.O. Box 337/37302 Auberry, California 93602 Contact: Elizabeth Hutchins Kipp, Chairperson	**9/25/12:** Letter sent via U.S. Mail. **10/9/12:** Left a voicemail. **10/23/12:** Left a voicemail.	No further action required.
Cold Springs Rancheria of Mono Indians P.O. Box 209 Tollhouse, California 93667 Contact: Robert Marquez, Chairperson	**9/25/12:** Letter sent via U.S. Mail. **10/9/12:** Left telephone message. **10/23/12:** Unable to leave a voicemail.	No further action required.
Dumna Wo-Wah Tribal Government 2216 East Hammond Street Fresno, California 93602 Contact: Robert Ledger Sr., Chairperson	**9/25/12:** Letter sent via U.S. Mail. **10/9/12:** Spoke with Mr. Ledger. Second letter sent via email. **10/23/12:** Left a voicemail.	No further action required.
Sierra Nevada Native American Coalition P.O. Box 125 Dunlap, California 93621 Contact: Lawrence Bill, Interim Chairperson	**9/25/12:** Letter sent via U.S. Mail. **10/9/12:** Mr. Bill confirmed that there are sensitive areas throughout the city of Clovis. He requests to be notified if anything is discovered during ground-disturbing activities.	No further action required.
Choinumni Tribe; Choinumni/Mono 2736 Palo Alto Avenue Clovis, California 93611 Contact: Lorrie Planas	**9/25/12:** Letter sent via U.S. Mail. *****Unable to make follow-up telephone call because no telephone number was provided by the NAHC.	No further action required.
Kings River Choinumni Farm Tribe 1064 Oxford Avenue Clovis, California 93621 Contact: John Davis, Chairman	**9/25/12:** Letter sent via U.S. Mail. **10/9/12:** Spoke to Mr. Davis, who asked to be notified if anything is found during ground-disturbing activities.	No further action required.

Table 4. Record of Native American Coordination Efforts

NAHC-Provided Contact	Coordination Efforts	Results of Coordination Efforts
Dunlap Band of Mono Historical Preservation Society P.O. Box 18 Dunlap, California 93621 Contact: Mandy Marine, Board Chairperson	**9/25/12:** Letter sent via U.S. Mail. **10/9/12:** Left a voicemail. **10/23/12:** Left a voicemail.	No further action required.
Wukasche Indian Tribe/Eshom Valley Band 1179 Rock Haven Court Salinas, California 93906 Contact: Kenneth Woodrow, Chairperson	**9/25/12:** Letter sent via U.S. Mail. **10/9/12:** Left a voicemail. **10/23/12:** Spoke with Mr. Woodrow. Second letter sent via email.	No further action required.
Chowchilla Tribe of Yokuts 10553 North Rice Road Fresno, California 93720 Contact: Jerry Brown	**9/25/12:** Letter sent via U.S. Mail. **10/9/12:** No voicemail available. **10/23/12:** No voicemail available.	No further action required.
Cold Springs Rancheria of Mono Indians P.O. Box 209 Tollhouse, California 93667 Contact: Tribal Administrator	**9/25/12:** Letter sent via U.S. Mail. **10/9/12:** Left a voicemail. **10/23/12:** Left a voicemail.	No further action required.
Kings River Choinumni Farm Tribe 2248 Vartikian Avenue Clovis, California 93611 Contact: Stan Alec	**9/25/12:** Letter sent via U.S. Mail. **10/9/12:** Mr. Alec confirmed that there are sensitive areas in the study area. Mr. Alec asked to be notified if anything is found in those areas.	No further action required.
The Choinumni Tribe of Yokuts 1505 Barstow Avenue Clovis, California 93611 Contact: Rosemary Smith, Chairperson	**9/25/12:** Letter sent via U.S. Mail. *****Unable to make follow-up telephone call because no telephone number was provided by the NAHC.	No further action required.
Traditional Choinumni Tribe 2415 East Houston Avenue Fresno, California 93720 Contact: David Alvarez, Chairperson	**9/25/12:** Letter sent via U.S. Mail. **10/2/12:** Mr. Alvarez confirmed that cultural resources are present within the study area.	No further action required.
Santa Rosa Tachi Rancheria P.O. Box 8 Lemoore, California 93245 Contact: Lalo Franco, Cultural Coordinator	**9/25/12:** Letter sent via U.S. Mail. **10/9/12:** Left a voicemail. **10/23/12:** Left a voicemail.	No further action required.
Dumna Wo-Wah Tribal Government 2216 East Hammond Street Fresno, California 93602 Contact: Eric Smith, Cultural Resource Manager	**9/25/12:** Letter sent via U.S. Mail. **10/9/12:** Spoke with Robert Ledger. Second letter sent via email. **10/23/12:** Left a voicemail.	No further action required.
Dumna Wo-Wah Tribal Government 2216 East Hammond Street Fresno, California 93602 Contact: John Ledger, Assistant Cultural Resource Manager	**9/25/12:** Letter sent via U.S. Mail. **10/9/12:** Spoke with Robert Ledger. Second letter sent via email. **10/23/12:** Left a voicemail.	No further action required.

California Senate Bill 18 Coordination

To assist with formal government-to-government consultation with NAHC-listed bands or tribes pursuant to SB 18, SWCA also contacted the NAHC on behalf of the City of Clovis for a review of the SLF on September 26, 2012. The NAHC provided a consultation list of tribal governments with traditional lands

or cultural places located within the General Plan area on September 27, 2012, which they believe should be contacted for additional information. So that a meaningful consultation with interested Native American groups can be completed, this list was forward to the City of Clovis, where all records of this consultation will be kept on file.

POTENTIAL IMPACTS AND MITIGATION MEASURES

Archaeological Resources

Significance Threshold

Under CEQA, archaeological resources may meet the definition of a historical resource or unique archaeological resource. Any project that may cause a substantial adverse change in the significance of a historical recourse would also have a significant effect on the environment. Substantial adverse change to the significance of a historical resource is defined as physical demolition, destruction, alteration, or relocation of the resource or immediate surroundings such that its significance would be materially impaired. CEQA states that when a project would cause damage to a unique archaeological resource, reasonable efforts must be made to preserve the resource in place or leave it in an undisturbed state. Mitigation measures are required to the extent that the resource could be damaged or destroyed by a project. Implementation of the following mitigation measures would mitigate to the greatest extent feasible the potential for future projects to impact archaeological resources.

Impacts to Archaeological Resources

The records search and SLF search results indicate that the General Plan area contains archaeological resources. Coordination with a contact list of Native American individuals or tribal organizations that may have knowledge of cultural resources in or near the study area was also provided by the NAHC also indicates that general plan area to be culturally sensitive. While large portions of the rural areas beyond the city boundaries and the SOI have been previously studied, future development or improvements related to changes in land use could potentially impact and cause significant adverse impacts to archaeological resources. The following measures are recommended to assist in the avoidance and mitigation of potential impacts from future projects in the General Plan area to historical resources.

Cultural Resources Mitigation Measure 1

To determine the archaeological sensitivity of a proposed project area, archaeological resources assessments shall be performed under the supervision of an archaeologist that meets the Secretary of the Interior's Professional Qualifications Standards (PQS) in either prehistoric or historic archaeology. Assessments shall include a CHRIS records search at the SSJVIC and of the SLF maintained by the NAHC. The records searches will determine if the proposed project area has been previously surveyed for archaeological resources, identify and characterize the results of previous cultural resource surveys, and disclose any cultural resources that have been recorded and/or evaluated. A Phase I pedestrian survey shall be undertaken in proposed project areas that are undeveloped to locate any surface cultural materials. By performing a records search, consultation with the NAHC, and a Phase I survey, a qualified archaeologist will be able to classify the project area as having high, medium, or low sensitivity for archaeological resources.

Cultural Resources Mitigation Measure 2

If potentially significant archaeological resources are identified through an archaeological resources assessment, and impacts to these resources cannot be avoided, a Phase II Testing and Evaluation investigation shall be performed by an archaeologist who meets the PQS prior to any construction-related ground-disturbing activities to determine significance. If resources determined significant or unique through Phase II testing, and site avoidance is not possible, appropriate site-specific mitigation measures shall be established and undertaken. These might include a Phase III data recovery program that would be implemented by a qualified archaeologist and shall be performed in accordance with the Office of Historic Preservation's *Archaeological Resource Management Reports (ARMR): Recommended Contents and Format* (1990) and *Guidelines for Archaeological Research Designs* (1991).

Cultural Resources Mitigation Measure 3

If the archaeological assessment did not identify potentially significant archaeological resources within the proposed project area but indicated the area to be highly sensitive for archaeological resources, a qualified archaeologist shall monitor all ground-disturbing construction and pre-construction activities in areas with previously undisturbed soil. The archaeologist shall inform all construction personnel prior to construction activities of the proper procedures in the event of an archaeological discovery. The training shall be held in conjunction with the project's initial on-site safety meeting, and shall explain the importance and legal basis for the protection of significant archaeological resources. In the event that archaeological resources (artifacts or features) are exposed during ground-disturbing activities, construction activities in the immediate vicinity of the discovery shall be halted while the resources are evaluated for significance by an archaeologist who meets the PQS. If the discovery proves to be significant, it shall be curated with a recognized scientific or educational repository.

Cultural Resources Mitigation Measure 4

If the archaeological assessment did not identify potentially significant archaeological resources within the proposed project area, but indicates the area to be of medium sensitivity for archaeological resources, an archaeologist who meets the PQS shall be retained on an on-call basis. The archaeologist shall inform all construction personnel prior to construction activities about the proper procedures in the event of an archaeological discovery. The training shall be held in conjunction with the project's initial on-site safety meeting, and shall explain the importance and legal basis for the protection of significant archaeological resources. In the event that archaeological resources (artifacts or features) are exposed during ground-disturbing activities, construction activities in the immediate vicinity of the discovery shall be halted while the on-call archaeologist is contacted. If the discovery proves to be significant, it shall be curated with a recognized scientific or educational repository.

Historical Resources

Significance Threshold

Under CEQA, any project that may cause a substantial adverse change in the significance of a historical recourse would also have a significant effect on the environment. Substantial adverse change to the significance of a historical resource is defined as physical demolition, destruction, alteration, or relocation of the resource or immediate surroundings such that its significance would be materially impaired. CEQA states that when a project will cause damage to a historical resource, reasonable efforts must be made to preserve the resource in place or left in an undisturbed state. Mitigation measures are required to the extent that the resource could be damaged or destroyed by a project. Projects that follow the Secretary of

the Interior's Standards for the Treatments of Historic Properties (Standards) are typically mitigated below the level of significance.

Impacts to Historical Resources

The records search indicates that the General Plan area contains a large quantity of buildings and structures that are older than 50 years of age; therefore it is probable that future development in the project area will result in the identification of historical resources. Within the city boundaries, it appears there is a particularly high potential to encounter historic buildings and structures (Figure 3). Future development or improvements related to changes in land use could potentially impact historic buildings and structures and cause significant adverse impacts to historical resources. The following measures are recommended to assist in the avoidance and mitigation of potential impacts from future projects in the General Plan area to historical resources.

Cultural Resources Mitigation Measure 5

Prior to any construction activities that may affect historical resources, a historical resources assessment shall be performed by an architectural historian or historian who meets the PQS in architectural history or history. This shall include a records search at the SSJVIC to determine if any resources that may be potentially affected by the project have been previously recorded, evaluated, and/or designated on the NRHP or CRHR. Following the records search, the qualified architectural historian or historian will conduct a reconnaissance-level and/or intensive-level survey in accordance with the California Office of Historic Preservation guidelines to identify any previously unrecorded potential historical resources that may be potentially affected by the proposed project. Pursuant to the definition of a historical resource under CEQA, potential historical resources shall be evaluated under a developed historic context.

Cultural Resources Mitigation Measure 6

To ensure that projects requiring the relocation, rehabilitation, or alteration of a historical resource not impair its significance, the Standards shall be used to the maximum extent possible. The application of the Standards shall be overseen by a qualified architectural historian or historic architect meeting the PQS. Prior to any construction activities that may affect the historical resource, a report identifying and specifying the treatment of character-defining features and construction activities shall be provided to the City.

Cultural Resources Mitigation Measure 7

If a proposed project would result in the demolition or significant alteration of a historical resource, it cannot be mitigated to a less than significant level. However, recordation of the resource prior to construction activities will assist in reducing adverse impacts to the resource to the greatest extent possible. Recordation shall take the form of Historic American Buildings Survey (HABS), Historic American Engineering Record (HAER), or Historic American Landscape Survey (HALS) documentation, and shall be performed by an architectural historian or historian who meets the PQS. Documentation shall include an architectural and historical narrative; medium- or large-format black and white photographs, negatives, and prints; and supplementary information such as building plans and elevations, and/or historic photographs. Documentation shall be reproduced on archival paper and placed in appropriated in appropriate local, state, or federal institutions. The specific scope and details of documentation would be developed at the project level.

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Appendix A

Records Search Results

Confidential

Appendix B

NAHC Sacred Lands File Results and Native American Coordination

STATE OF CALIFORNIA Edmund G. Brown, Jr., Governor

NATIVE AMERICAN HERITAGE COMMISSION
915 CAPITOL MALL, ROOM 364
SACRAMENTO, CA 95814
(916) 653-6251
Fax (916) 657-5390
Web Site www.nahc.ca.gov
ds_nahc@pacbell.net

September 24, 2012

Mr. Steven Treffers, Assistant Architectural Nistorian
SWCA Environmental Consultants
150 S. Arroyo Parkway, 2nd Floor
Pasadena, CA 91105

Sent by FAX to: 626-240-0607
No. of Pages: 5

Re: Sacred Lands File Search and Native American Contacts list for the proposed Sacred Lands File Search and Native American Contacts list for the proposed **"Environmental Impact Report for the City of Clovis General Plan Update;"** located in the City of Clovis; Fresno County, California

Dear Mr. Treffers:

The Native American Heritage Commission (NAHC) conducted a Sacred Lands search based on the data provided and **Native American cultural resource sites were identified** within one-half mile of the project site, the 'area of potential effect' (e.g. APE): you specified in the Friant, Academy and Round Mountain USGS Quadrangles, but not in the Clovis USGS Quadrangl, Also the absence of archaeological fixtures and other cultural resource items does not preclude their existence at the subsurface level. In addition, please note; the NAHC Sacred Lands Inventory is not exhaustive and does not preclude the discovery of cultural resources during any project groundbreaking activity.

California Public Resources Code §§5097.94 (a) and 5097.96 authorize the NAHC to establish a Sacred Land Inventory to record Native American sacred sites and burial sites. These records are exempt from the provisions of the California Public Records Act pursuant to. California Government Code §6254 (r). The purpose of this code is to protect such sites from vandalism, theft and destruction.

In the 1985 Appellate Court decision (170 Cal App 3rd 604), the court held that the NAHC has jurisdiction and special expertise, as a state agency, over affected Native American resources, impacted by proposed projects including archaeological, places of religious significance to Native Americans and burial sites

The California Environmental Quality Act (CEQA – CA Public Resources Code §§ 21000-21177, amendments effective 3/18/2010) requires that any project that causes a substantial adverse change in the significance of an historical resource, that includes archaeological resources, is a 'significant effect' requiring the preparation of an Environmental Impact Report (EIR) per the CEQA Guidelines defines a significant impact on the environment as 'a substantial, or potentially substantial, adverse change in any of physical conditions within an area affected by the proposed project, including ...objects of historic or aesthetic significance." In order to comply with this provision, the lead agency is required to assess

whether the project will have an adverse impact on these resources within the 'area of potential effect (APE), and if so, to mitigate that effect. CA Government Code §65040.12(e) defines "environmental justice" provisions and is applicable to the environmental review processes. The NAHC recommends *avoidance* as defined by CEQA Guidelines §15370(a) to pursuing a project that would damage or destroy Native American cultural resources and California Public Resources Code Section 21083.2 (Archaeological Resources) that requires documentation, data recovery of cultural resources, construction to avoid sites and the possible use of covenant easements to protect sites.

Early consultation with Native American tribes in your area is the best way to avoid unanticipated discoveries once a project is underway. Local Native Americans may have knowledge of the religious and cultural significance of the historic properties of the proposed project for the area (e.g. APE). Consultation with Native American communities is also a matter of environmental justice as defined by California Government Code §65040.12(e). We urge consultation with those tribes and interested Native Americans on the list that the NAHC has provided in order to see if your proposed project might impact Native American cultural resources. Lead agencies should consider avoidance as defined in §15370 of the CEQA Guidelines when significant cultural resources as defined by the CEQA Guidelines §15064.5 (b)(c)(f) may be affected by a proposed project. If so, Section 15382 of the CEQA Guidelines defines a significant impact on the environment as "substantial," and Section 2183.2 which requires documentation, data recovery of cultural resources.

The 1992 *Secretary of the Interiors Standards for the Treatment of Historic Properties* were revised so that they could be applied to all historic resource types included in the National Register of Historic Places and including cultural landscapes. Also, federal Executive Orders Nos. 11593 (preservation of cultural environment), 13175 (coordination & consultation) and 13007 (Sacred Sites) are helpful, supportive guides for Section 106 consultation. The aforementioned Secretary of the Interior's *Standards* include recommendations for all 'lead agencies' to consider the historic context of proposed projects and to "research" the cultural landscape that might include the 'area of potential effect.'

Partnering with local tribes and interested Native American consulting parties, on the NAHC list, should be conducted in compliance with the requirements of federal NEPA (42 U.S.C 4321-43351) and Section 106 4(f), Section 110 and (k) of the federal NHPA (16 U.S.C. 470 *et seq*), Section 4(f) of the Department of Transportation Act of 1966 (23 CFR 774); 36 CFR Part 800.3 (f) (2) & .5, the President's Council on Environmental Quality (CSQ, 42 U.S.C 4371 *et seq.* and NAGPRA (25 U.S.C. 3001-3013) as appropriate. The 1992 *Secretary of the Interiors Standards for the Treatment of Historic Properties* were revised so that they could be applied to all historic resource types included in the National Register of Historic Places and including cultural landscapes. Also, federal Executive Orders Nos. 11593 (preservation of cultural environment), 13175 (coordination & consultation) and 13007 (Sacred Sites) are helpful, supportive guides for Section 106 consultation. The NAHC remains concerned about the limitations and methods employed for NHPA Section 106 Consultation.

Also, California Public Resources Code Section 5097.98, California Government Code §27491 and Health & Safety Code Section 7050.5 provide for provisions for accidentally discovered archeological resources during construction and mandate the processes to be followed in the event of an accidental discovery of any human remains in a project location other than a 'dedicated cemetery', another important reason to have Native American Monitors on board with the project.

2

To be effective, consultation on specific projects must be the result of an ongoing relationship between Native American tribes and lead agencies, project proponents and their contractors, in the opinion of the NAHC. An excellent way to reinforce the relationship between a project and local tribes is to employ Native American Monitors in all phases of proposed projects including the planning phases.

Confidentiality of "historic properties of religious and cultural significance" may also be protected under Section 304 of he NHPA or at the Secretary of the Interior discretion if not eligible for listing on the National Register of Historic Places. The Secretary may also be advised by the federal Indian Religious Freedom Act (cf. 42 U.S.C., 1996) in issuing a decision on whether or not to disclose items of religious and/or cultural significance identified in or near the APE and possibility threatened by proposed project activity.

If you have any questions about this response to your request, please do not hesitate to contact me at (916) 653-6251.

Sincerely,

Dave Singleton

Attachment: Native American Contact List

Native American Contacts
Fresno County
September 24, 2012

Big Sandy Rancheria of Mono Indians
Elizabeth Hutchins Kipp, Chairperson
P.O. Box 337 / 37302 Western Mono
Auberry , CA 93602
ck@bigsandyrancheria.com
(559) 855-4003
(559) 855-4129 Fax

Choinumni Tribe; Choinumni/Mono
Lorrie Planas
2736 Palo Alto Choinumni
Clovis , CA 93611 Mono

Cold Springs Rancheria of Mono Indians
Robert Marquez, Chairperson
P.O. Box 209 Mono
Tollhouse , CA 93667
(559) 855-5043
559-855-4445 - FAX

Kings River Choinumni Farm Tribe
John Davis, Chairman
1064 Oxford Avenue Foothill Yokuts
Clovis , CA 93612-2211 Choinumni
(559) 307-6430

Dumna Wo-Wah Tribal Goverment
Robert Ledger SR., Tribal Chairperson
2216 East Hammond Street Dumna/Foothill
Fresno , CA 93602 Mono
ledgerrobert@ymail.com
559-519-1742 - office

Dunlap Band of Mono Historical Preservation Soc
Mandy Marine, Board Chairperson
P.O Box 18 Mono
Dunlap , CA 93621
mandy_marine@hotmail.com
559-274-1705

Sierra Nevada Native American Coalition
Lawrence Bill, Interim Chairperson
P.O. 125 Mono
Dunlap , CA 93621 Foothill Yokuts
(559) 338-2354 Choinumni

Wuksache Indian Tribe/Eshom Valley Band
Kenneth Woodrow, Chairperson
1179 Rock Haven Ct. Foothill Yokuts
Salinas , CA 93906 Mono
kwood8934@aol.com Wuksache
831-443-9702

This list is current only as of the date of this document.

Distribution of this list does not relieve any person of the statutory responsibility as defined in Section 7050.5 of the Health and Safety Code, Section 5097.94 of the Public Resources Code and Section 5097.98 of the Public Resources Code.

This list is applicable for contacting local Native Americans with regard to cultural resources for the proposed Environmental Impact Report for the City of Clovis General Plan Update (Project #024459); located in Fresno County, California for which a Sacred Lands File search and Native American Contacts list were requested.

Native American Contacts
Fresno County
September 24, 2012

Chowchilla Tribe of Yokuts
Jerry Brown
10553 N. Rice Road
Fresno , CA 93720
559-434-3160
North Valley Yokuts

Traditional Choinumni Tribe
David Alvarez, Chairperson
2415 E. Houston Avenue
Fresno , CA 93720
davealvarez@sbcglobal.net
(559) 292-5057 - Fax
(559) 323-6231
(559) 292-5057 FAX
Choinumni

Cold Springs Rancheria of Mono Indians
Tribal Administrator
PO Box 209
Tollhouse , CA 93667
coldsprgstribe@netptc.net
(559) 855-5043

(559) 855-4445 - FAX
Mono

Santa Rosa Tachi Rancheria
Lalo Franco, Cultural Coordinator
P.O. Box 8
Lemoore , CA 93245
(559) 924-1278 - Ext. 5
(559) 924-3583 - FAX
Tachi
Tache
Yokut

Kings River Choinumni Farm Tribe
Stan Alec
2248 Vartikian
Clovis , CA 93611
559-297-1787
559-647-3227 - cell
Foothill Yokuts
Choinumni

Dumna Wo-Wah Tribal Goverment
Eric Smith, Cultural Resource Manager
2216 East Hammond Street
Fresno , CA 93602
nuem2007@yahoo.com
559-519-1742 - office
Dumna/Foothill
Mono

The Choinumni Tribe of Yokuts
Rosemary Smith, Chairperson
1505 Barstow
Clovis , CA 96311
monoclovis@yahoo.com
Choinumni
Foothill YoKut

Dumna Wo-Wah Tribal Goverment
John Ledger, Assistant Cultural Resource Manage
2216 East Hammond Street
Fresno , CA 93602
ledger17bonnie@yahoo.com
559-519-1742 - office
Dumna/Foothill
Mono

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This list is applicable for contacting local Native Americans with regard to cultural resources for the proposed Environmental Impact Report for the City of Clovis General Plan Update (Project #024459); located in Fresno County, California for which a Sacred Lands File search and Native American Contacts list were requested.

SWCA
ENVIRONMENTAL CONSULTANTS
Sound Science. Creative Solutions.

Pasadena Office
150 S. Arroyo Parkway, 2nd Floor
Pasadena, CA 91105
Tel 626.240.0587 Fax 626.240.0607
www.swca.com

September 25, 2012

Stan Alec
Kings River Choinumni Farm Tribe
2248 Vartikian Avenue
Clovis, CA 93611

Sent Via U.S. Mail

RE: Cultural Resources Services in Support of the Environmental Impact Report for the Clovis General Plan Update, City of Clovis, Fresno County, California

Dear Mr. Alec:

On behalf of the City of Clovis, SWCA Environmental Consultants (SWCA) has been retained to conduct a cultural resources study in support of the Clovis General Plan Update and Environmental Impact Report (EIR) located in the City of Clovis, Fresno County, California. The General Plan Update and EIR will provide the city with a master document to guide future projects, evaluate potential project impacts, and streamline the permitting process.

The study area is located in Fresno County and consists of 74.17 square miles (47,469 acres) that are currently incorporated within the City of Clovis (see enclosed study area map). Specifically, the study area falls within the Academy, Clovis, Friant, and Round Mountain 7.5-minute California quadrangles.

As part of the process of identifying cultural resources issues for this project, SWCA contacted the California Native American Heritage Commission (NAHC) and requested a Sacred Lands File (SLF) search and a list of Native American individuals and/or tribal organizations that may have knowledge of cultural resources in or near the project area. The NAHC SLF search did identify Native American cultural resources within the immediate project area, and recommended that we consult with you directly regarding your knowledge of the presence of cultural resources that may be impacted by this project.

If you have knowledge of any cultural resources that may exist within or near the proposed project area, please contact me via telephone at (626) 240-0587 Ext. 6610; or via email at streffers@swca.com; or in writing at the above address at your earliest convenience. Thank you for your assistance.

Sincerely,

Steven Treffers
Assistant Cultural Resources Project Manager

Enclosures: study area map

SWCA
ENVIRONMENTAL CONSULTANTS
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Pasadena Office
150 S. Arroyo Parkway, 2nd Floor
Pasadena, CA 91105
Tel 626.240.0587 Fax 626.240.0607
www.swca.com

September 25, 2012

David Alvarez, Chairperson
Traditional Choinumni Tribe
2415 East Huston Avenue
Fresno, CA 93720

Sent Via U.S. Mail

RE: Cultural Resources Services in Support of the Environmental Impact Report for the Clovis General Plan Update, City of Clovis, Fresno County, California

Dear Mr. Alvarez:

On behalf of the City of Clovis, SWCA Environmental Consultants (SWCA) has been retained to conduct a cultural resources study in support of the Clovis General Plan Update and Environmental Impact Report (EIR) located in the City of Clovis, Fresno County, California. The General Plan Update and EIR will provide the city with a master document to guide future projects, evaluate potential project impacts, and streamline the permitting process.

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Sincerely,

Steven Treffers
Assistant Cultural Resources Project Manager

Enclosures: study area map

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Pasadena Office
150 S. Arroyo Parkway, 2nd Floor
Pasadena, CA 91105
Tel 626.240.0587 Fax 626.240.0607
www.swca.com

September 25, 2012

Lawrence Bill, Interim Chairperson
Sierra Nevada Native American Coalition
P.O. Box 125
Dunlap, CA 93621

Sent Via U.S. Mail

RE: Cultural Resources Services in Support of the Environmental Impact Report for the Clovis General Plan Update, City of Clovis, Fresno County, California

Dear Mr. Bill:

On behalf of the City of Clovis, SWCA Environmental Consultants (SWCA) has been retained to conduct a cultural resources study in support of the Clovis General Plan Update and Environmental Impact Report (EIR) located in the City of Clovis, Fresno County, California. The General Plan Update and EIR will provide the city with a master document to guide future projects, evaluate potential project impacts, and streamline the permitting process.

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Sincerely,

Steven Treffers
Assistant Cultural Resources Project Manager

Enclosures: study area map

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150 S. Arroyo Parkway, 2nd Floor
Pasadena, CA 91105
Tel 626.240.0587 Fax 626.240.0607
www.swca.com

September 25, 2012

Jerry Brown
Chowchilla Tribe of Yokuts
10553 North Rice Road
Fresno, CA 93720

Sent Via U.S. Mail

RE: Cultural Resources Services in Support of the Environmental Impact Report for the Clovis General Plan Update, City of Clovis, Fresno County, California

Dear Mr. Brown:

On behalf of the City of Clovis, SWCA Environmental Consultants (SWCA) has been retained to conduct a cultural resources study in support of the Clovis General Plan Update and Environmental Impact Report (EIR) located in the City of Clovis, Fresno County, California. The General Plan Update and EIR will provide the city with a master document to guide future projects, evaluate potential project impacts, and streamline the permitting process.

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Sincerely,

Steven Treffers
Assistant Cultural Resources Project Manager

Enclosures: study area map

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Pasadena Office
150 S. Arroyo Parkway, 2nd Floor
Pasadena, CA 91105
Tel 626.240.0587 Fax 626.240.0607
www.swca.com

October 23, 2012

Kenneth Woodrow, Chairperson
Wuksache Indian Tribe/Eshom Valley Band
1179 Rock Haven Court
Salinas, CA 93906

Sent Via Email

RE: Cultural Resources Services in Support of the Environmental Impact Report for the Clovis General Plan Update, City of Clovis, Fresno County, California

Dear Mr. Woodrow:

On behalf of the City of Clovis, SWCA Environmental Consultants (SWCA) has been retained to conduct a cultural resources study in support of the Clovis General Plan Update and Environmental Impact Report (EIR) located in the City of Clovis, Fresno County, California. The General Plan Update and EIR will provide the city with a master document to guide future projects, evaluate potential project impacts, and streamline the permitting process.

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Sincerely,

Steven Treffers
Assistant Cultural Resources Project Manager

Enclosures: study area map

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www.swca.com

September 25, 2012

Tribal Administrator
Cold Springs Rancheria of Mono Indians
P.O. Box 209
Tollhouse, CA 93667

Sent Via U.S. Mail

RE: Cultural Resources Services in Support of the Environmental Impact Report for the Clovis General Plan Update, City of Clovis, Fresno County, California

To Whom It May Concern:

On behalf of the City of Clovis, SWCA Environmental Consultants (SWCA) has been retained to conduct a cultural resources study in support of the Clovis General Plan Update and Environmental Impact Report (EIR) located in the City of Clovis, Fresno County, California. The General Plan Update and EIR will provide the city with a master document to guide future projects, evaluate potential project impacts, and streamline the permitting process.

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Sincerely,

Steven Treffers
Assistant Cultural Resources Project Manager

Enclosures: study area map

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Pasadena Office
150 S. Arroyo Parkway, 2nd Floor
Pasadena, CA 91105
Tel 626.240.0587 Fax 626.240.0607
www.swca.com

September 25, 2012

John Davis, Chairman
Kings River Choinumni Farm Tribe
1064 Oxford Avenue
Clovis, CA 93612

Sent Via U.S. Mail

RE: Cultural Resources Services in Support of the Environmental Impact Report for the Clovis General Plan Update, City of Clovis, Fresno County, California

Dear Mr. Davis:

On behalf of the City of Clovis, SWCA Environmental Consultants (SWCA) has been retained to conduct a cultural resources study in support of the Clovis General Plan Update and Environmental Impact Report (EIR) located in the City of Clovis, Fresno County, California. The General Plan Update and EIR will provide the city with a master document to guide future projects, evaluate potential project impacts, and streamline the permitting process.

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Sincerely,

Steven Treffers
Assistant Cultural Resources Project Manager

Enclosures: study area map

SWCA
ENVIRONMENTAL CONSULTANTS
Sound Science. Creative Solutions.

Pasadena Office
150 S. Arroyo Parkway, 2nd Floor
Pasadena, CA 91105
Tel 626.240.0587 Fax 626.240.0607
www.swca.com

September 25, 2012

Lalo Franco, Cultural Coordinator
Santa Rosa Tachi Rancheria
P.O. Box 8
Lenmore, CA 93245

Sent Via U.S. Mail

RE: Cultural Resources Services in Support of the Environmental Impact Report for the Clovis General Plan Update, City of Clovis, Fresno County, California

Dear Mr. Franco:

On behalf of the City of Clovis, SWCA Environmental Consultants (SWCA) has been retained to conduct a cultural resources study in support of the Clovis General Plan Update and Environmental Impact Report (EIR) located in the City of Clovis, Fresno County, California. The General Plan Update and EIR will provide the city with a master document to guide future projects, evaluate potential project impacts, and streamline the permitting process.

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Sincerely,

Steven Treffers
Assistant Cultural Resources Project Manager

Enclosures: study area map

SWCA
ENVIRONMENTAL CONSULTANTS
Sound Science. Creative Solutions.

Pasadena Office
150 S. Arroyo Parkway, 2nd Floor
Pasadena, CA 91105
Tel 626.240.0587 Fax 626.240.0607
www.swca.com

September 25, 2012

Elizabeth Hutchins Kipp, Chairperson
Big Sandy Rancheria of Mono Indians
P.O. Box 337/37302
Auberry, CA 93602

Sent Via U.S. Mail

RE: Cultural Resources Services in Support of the Environmental Impact Report for the Clovis General Plan Update, City of Clovis, Fresno County, California

Dear Ms. Kipp:

On behalf of the City of Clovis, SWCA Environmental Consultants (SWCA) has been retained to conduct a cultural resources study in support of the Clovis General Plan Update and Environmental Impact Report (EIR) located in the City of Clovis, Fresno County, California. The General Plan Update and EIR will provide the city with a master document to guide future projects, evaluate potential project impacts, and streamline the permitting process.

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Sincerely,

Steven Treffers
Assistant Cultural Resources Project Manager

Enclosures: study area map

SWCA
ENVIRONMENTAL CONSULTANTS
Sound Science. Creative Solutions.

Pasadena Office
150 S. Arroyo Parkway, 2nd Floor
Pasadena, CA 91105
Tel 626.240.0587 Fax 626.240.0607
www.swca.com

September 25, 2012

Robert Ledger Sr., Tribal Chairperson
Dumna Wo-Wah Tribal Government
2216 East Hammond Street
Fresno, CA 93602

Sent Via U.S. Mail

RE: Cultural Resources Services in Support of the Environmental Impact Report for the Clovis General Plan Update, City of Clovis, Fresno County, California

Dear Mr. Ledger:

On behalf of the City of Clovis, SWCA Environmental Consultants (SWCA) has been retained to conduct a cultural resources study in support of the Clovis General Plan Update and Environmental Impact Report (EIR) located in the City of Clovis, Fresno County, California. The General Plan Update and EIR will provide the city with a master document to guide future projects, evaluate potential project impacts, and streamline the permitting process.

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Sincerely,

Steven Treffers
Assistant Cultural Resources Project Manager

Enclosures: study area map

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150 S. Arroyo Parkway, 2nd Floor
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September 25, 2012

John Ledger, AssistantCultural Resource Manager
Dumna Wo-Wah Tribal Government
2216 East Hammond Street
Fresno, CA 93602

Sent Via U.S. Mail

RE: Cultural Resources Services in Support of the Environmental Impact Report for the Clovis General Plan Update, City of Clovis, Fresno County, California

Dear Mr. Ledger:

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Sincerely,

Steven Treffers
Assistant Cultural Resources Project Manager

Enclosures: study area map

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www.swca.com

September 25, 2012

Mandy Marine, Board Chairperson
Dunlap Band of Mono Historical Preservation Society
P.O. Box 18
Dunlap, CA 93621

Sent Via U.S. Mail

RE: Cultural Resources Services in Support of the Environmental Impact Report for the Clovis General Plan Update, City of Clovis, Fresno County, California

Dear Ms. Marine:

On behalf of the City of Clovis, SWCA Environmental Consultants (SWCA) has been retained to conduct a cultural resources study in support of the Clovis General Plan Update and Environmental Impact Report (EIR) located in the City of Clovis, Fresno County, California. The General Plan Update and EIR will provide the city with a master document to guide future projects, evaluate potential project impacts, and streamline the permitting process.

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Sincerely,

Steven Treffers
Assistant Cultural Resources Project Manager

Enclosures: study area map

SWCA
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www.swca.com

September 25, 2012

Robert Marquez, Chairperson
Cold Springs Rancheria of Mono Indians
P.O. Box 209
Tollhouse, CA 93667

Sent Via U.S. Mail

RE: Cultural Resources Services in Support of the Environmental Impact Report for the Clovis General Plan Update, City of Clovis, Fresno County, California

Dear Mr. Marquez:

On behalf of the City of Clovis, SWCA Environmental Consultants (SWCA) has been retained to conduct a cultural resources study in support of the Clovis General Plan Update and Environmental Impact Report (EIR) located in the City of Clovis, Fresno County, California. The General Plan Update and EIR will provide the city with a master document to guide future projects, evaluate potential project impacts, and streamline the permitting process.

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As part of the process of identifying cultural resources issues for this project, SWCA contacted the California Native American Heritage Commission (NAHC) and requested a Sacred Lands File (SLF) search and a list of Native American individuals and/or tribal organizations that may have knowledge of cultural resources in or near the project area. The NAHC SLF search did identify Native American cultural resources within the immediate project area, and recommended that we consult with you directly regarding your knowledge of the presence of cultural resources that may be impacted by this project.

If you have knowledge of any cultural resources that may exist within or near the proposed project area, please contact me via telephone at (626) 240-0587 Ext. 6610; or via email at streffers@swca.com; or in writing at the above address at your earliest convenience. Thank you for your assistance.

Sincerely,

Steven Treffers
Assistant Cultural Resources Project Manager

Enclosures: study area map

SWCA
ENVIRONMENTAL CONSULTANTS
Sound Science. Creative Solutions.

Pasadena Office
150 S. Arroyo Parkway, 2nd Floor
Pasadena, CA 91105
Tel 626.240.0587 Fax 626.240.0607
www.swca.com

September 25, 2012

Lorrie Planas
Choinumni Tribe; Choinumni/Mono
2736 Palo Alto Avenue
Clovis, CA 93611

Sent Via U.S. Mail

RE: Cultural Resources Services in Support of the Environmental Impact Report for the Clovis General Plan Update, City of Clovis, Fresno County, California

Dear Ms. Planas:

On behalf of the City of Clovis, SWCA Environmental Consultants (SWCA) has been retained to conduct a cultural resources study in support of the Clovis General Plan Update and Environmental Impact Report (EIR) located in the City of Clovis, Fresno County, California. The General Plan Update and EIR will provide the city with a master document to guide future projects, evaluate potential project impacts, and streamline the permitting process.

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Steven Treffers
Assistant Cultural Resources Project Manager

Enclosures: study area map

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www.swca.com

September 25, 2012

Eric Smith, Cultural Resource Manager
Dumna Wo-Wah Tribal Government
2216 East Hammond Street
Fresno, CA 93602

Sent Via U.S. Mail

RE: Cultural Resources Services in Support of the Environmental Impact Report for the Clovis General Plan Update, City of Clovis, Fresno County, California

Dear Mr. Smith:

On behalf of the City of Clovis, SWCA Environmental Consultants (SWCA) has been retained to conduct a cultural resources study in support of the Clovis General Plan Update and Environmental Impact Report (EIR) located in the City of Clovis, Fresno County, California. The General Plan Update and EIR will provide the city with a master document to guide future projects, evaluate potential project impacts, and streamline the permitting process.

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Sincerely,

Steven Treffers
Assistant Cultural Resources Project Manager

Enclosures: study area map

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Pasadena Office
150 S. Arroyo Parkway, 2nd Floor
Pasadena, CA 91105
Tel 626.240.0587 Fax 626.240.0607
www.swca.com

September 25, 2012

Rosemary Smith, Chairperson
The Choinumni Tribe of Yokuts
1505 Barstow Avenue
Clovis, CA 96311

Sent Via U.S. Mail

RE: Cultural Resources Services in Support of the Environmental Impact Report for the Clovis General Plan Update, City of Clovis, Fresno County, California

Dear Ms. Smith:

On behalf of the City of Clovis, SWCA Environmental Consultants (SWCA) has been retained to conduct a cultural resources study in support of the Clovis General Plan Update and Environmental Impact Report (EIR) located in the City of Clovis, Fresno County, California. The General Plan Update and EIR will provide the city with a master document to guide future projects, evaluate potential project impacts, and streamline the permitting process.

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Sincerely,

Steven Treffers
Assistant Cultural Resources Project Manager

Enclosures: study area map

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Pasadena, CA 91105
Tel 626.240.0587 Fax 626.240.0607
www.swca.com

September 25, 2012

Kenneth Woodrow, Chairperson
Wuksache Indian Tribe/Eshom Valley Band
1179 Rock Haven Court
Salinas, CA 93906

Sent Via U.S. Mail

RE: Cultural Resources Services in Support of the Environmental Impact Report for the Clovis General Plan Update, City of Clovis, Fresno County, California

Dear Mr. Woodrow:

On behalf of the City of Clovis, SWCA Environmental Consultants (SWCA) has been retained to conduct a cultural resources study in support of the Clovis General Plan Update and Environmental Impact Report (EIR) located in the City of Clovis, Fresno County, California. The General Plan Update and EIR will provide the city with a master document to guide future projects, evaluate potential project impacts, and streamline the permitting process.

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Sincerely,

Steven Treffers
Assistant Cultural Resources Project Manager

Enclosures: study area map

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150 S. Arroyo Parkway, 2nd Floor
Pasadena, CA 91105
Tel 626.240.0587 Fax 626.240.0607
www.swca.com

October 23, 2012

Kenneth Woodrow, Chairperson
Wuksache Indian Tribe/Eshom Valley Band
1179 Rock Haven Court
Salinas, CA 93906

Sent Via Email

RE: Cultural Resources Services in Support of the Environmental Impact Report for the Clovis General Plan Update, City of Clovis, Fresno County, California

Dear Mr. Woodrow:

On behalf of the City of Clovis, SWCA Environmental Consultants (SWCA) has been retained to conduct a cultural resources study in support of the Clovis General Plan Update and Environmental Impact Report (EIR) located in the City of Clovis, Fresno County, California. The General Plan Update and EIR will provide the city with a master document to guide future projects, evaluate potential project impacts, and streamline the permitting process.

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Sincerely,

Steven Treffers
Assistant Cultural Resources Project Manager

Enclosures: study area map

Steven Treffers

From: David Alvarez <davealvarez@sbcglobal.net>
Sent: Tuesday, October 02, 2012 2:55 PM
To: Steven Treffers
Subject: re: Cultural Resources - General Plan Update

Steven Treffers,
In regards to the letter I received; Cultural Resources Services in Support of the Environmental Impact Report for the Clovis General Plan Update, City of Clovis, Fresno County, California.
Yes, there is cultural resources that do exist within or near the proposed project area. Please note this is your plan.

Regards,

David Alvarez, Tribal Chairman
Traditional Choinumni Tribe
(East of the Kings River)
2415 E. Houston Ave.
Fresno, CA. 93720
559.323.6231
davealvarez@sbcglobal.net

Appendix H

Noise Measurements and Calculations Output

Appendices

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Interval Data - Noise Measurement Location 1

Site	Date	Time	Duration	Leq	Lmax	Lmin	L(2)	L(8)	L(16)	L(25)	L(50)	L(90)
1	22-Jul-13	16:16:15	45	73.0	77.1	59.1	77.1	76.5	75.7	74.1	72.4	66.7
1	22-Jul-13	16:17:00	60	64.2	71.7	53.8	71.0	68.5	66.8	64.8	62.6	56.3
1	22-Jul-13	16:18:00	60	72.9	79.4	57.2	78.9	77.5	76.5	75.1	70.6	59.3
1	22-Jul-13	16:19:00	60	72.7	78.2	53.6	78.0	76.9	76.1	74.0	71.5	59.4
1	22-Jul-13	16:20:00	60	71.1	78.7	59.3	75.7	74.3	73.6	72.9	70.1	64.1
1	22-Jul-13	16:21:00	60	71.6	78.7	54.1	77.5	76.1	75.2	74.0	69.1	57.1
1	22-Jul-13	16:22:00	60	71.1	76.2	53.3	75.8	75.1	73.8	73.0	69.9	58.8
1	22-Jul-13	16:23:00	60	71.4	76.7	46.9	76.7	75.9	75.3	74.5	66.8	51.3
1	22-Jul-13	16:24:00	60	68.6	75.8	48.5	75.0	73.3	72.2	69.8	65.9	51.6
1	22-Jul-13	16:25:00	60	71.4	76.9	55.0	76.1	75.2	74.5	73.9	70.4	57.2
1	22-Jul-13	16:26:00	60	69.5	74.9	57.3	74.3	72.8	72.1	71.4	68.6	61.7
1	22-Jul-13	16:27:00	60	68.1	74.4	47.5	74.4	73.0	72.2	70.2	64.0	48.4
1	22-Jul-13	16:28:00	60	72.8	77.4	47.7	77.4	76.6	75.9	75.0	72.2	53.2
1	22-Jul-13	16:29:00	60	71.1	77.5	49.0	76.8	75.1	74.4	73.5	68.8	50.6
1	22-Jul-13	16:30:00	60	71.6	77.1	58.1	77.0	75.7	74.7	73.7	70.1	59.8
SUMMARY			**15**	**71.2**	**79.4**	**46.9**						

Interval Data - Noise Measurement Location 2

Site	Date	Time	Duration	Leq	Lmax	Lmin	L(2)	L(8)	L(16)	L(25)	L(50)	L(90)
2	22-Jul-13	16:42:00	60	53.0	62.4	38.4	60.9	58.5	56.5	53.8	46.8	39.9
2	22-Jul-13	16:43:00	60	47.1	58.4	33.4	55.4	53.6	51.5	41.8	38.1	35.1
2	22-Jul-13	16:44:00	60	51.1	59.7	36.6	59.2	56.4	54.5	51.0	46.6	37.6
2	22-Jul-13	16:45:00	60	53.0	61.9	34.0	61.1	59.0	57.0	53.2	45.4	35.3
2	22-Jul-13	16:46:00	60	58.7	66.4	43.4	65.8	63.8	62.1	59.8	55.2	44.8
2	22-Jul-13	16:47:00	60	57.0	62.7	45.7	61.9	61.0	59.8	58.8	55.6	48.0
2	22-Jul-13	16:48:00	60	54.4	64.0	35.4	63.3	60.5	56.8	52.2	49.3	37.9
2	22-Jul-13	16:49:00	60	52.7	62.7	34.3	62.3	58.9	54.6	50.5	44.9	35.8
2	22-Jul-13	16:50:00	60	38.1	44.2	35.0	43.3	41.3	40.0	38.5	36.6	35.3
2	22-Jul-13	16:51:00	60	53.5	65.5	35.7	64.7	57.8	53.2	48.7	41.9	37.1
2	22-Jul-13	16:52:00	60	53.3	62.6	40.5	61.6	58.2	56.2	53.9	49.1	43.9
2	22-Jul-13	16:53:00	60	48.6	57.5	40.2	56.2	53.6	51.8	48.8	44.4	41.4
2	22-Jul-13	16:54:00	60	51.7	59.3	42.0	58.8	57.4	55.5	52.2	46.7	43.1
2	22-Jul-13	16:55:00	60	41.8	49.8	32.6	49.2	47.7	44.9	42.5	36.3	33.7
2	22-Jul-13	16:56:00	60	50.6	60.8	35.3	60.2	54.6	51.8	50.5	44.8	36.8
2	22-Jul-13	16:57:00	33.2	52.1	61.2	41.3	60.8	58.7	53.7	50.6	46.2	42.4
SUMMARY			**16**	**55.9**	**66.4**	**32.6**						

Interval Data - Noise Measurement Location 3

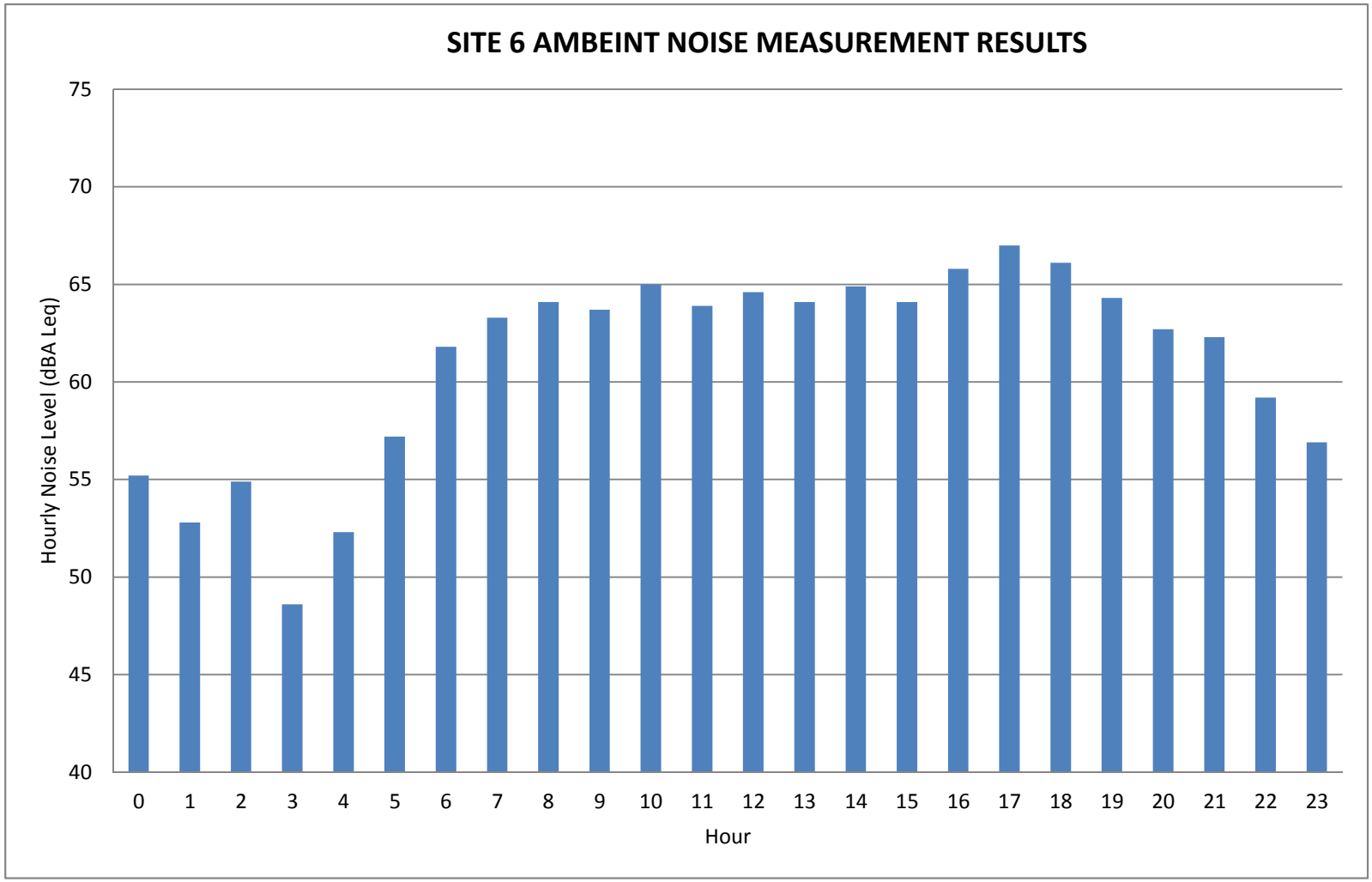
Site	Date	Time	Duration	Leq	Lmax	Lmin	L(2)	L(8)	L(16)	L(25)	L(50)	L(90)
3	22-Jul-13	14:58:12	47.9	62.2	68.2	52.8	67.8	66.8	65.7	64.0	59.2	53.9
3	22-Jul-13	14:59:00	60	66.6	75.3	50.2	74.3	71.9	69.8	67.1	63.4	52.0
3	22-Jul-13	15:00:00	60	64.2	72.3	48.7	71.0	69.8	68.5	66.4	56.7	49.1
3	22-Jul-13	15:01:00	60	67.6	72.7	51.6	72.5	71.0	70.3	69.5	67.5	52.6
3	22-Jul-13	15:02:00	60	64.3	72.8	51.6	71.2	68.7	67.7	66.3	60.3	52.5
3	22-Jul-13	15:03:00	60	68.9	75.8	60.6	74.9	73.2	72.0	70.0	67.1	61.6
3	22-Jul-13	15:04:00	60	66.2	72.5	50.3	72.3	71.0	70.0	68.6	62.4	52.0
3	22-Jul-13	15:05:00	60	69.0	76.6	53.3	74.9	73.3	72.0	70.2	68.3	55.4
3	22-Jul-13	15:06:00	60	69.3	74.6	62.0	73.9	72.7	71.3	70.2	68.2	64.4
3	22-Jul-13	15:07:00	60	64.2	70.4	55.0	70.3	68.7	66.2	64.9	62.6	57.0
3	22-Jul-13	15:08:00	60	68.0	73.4	58.9	72.8	71.0	70.4	69.7	67.3	61.9
3	22-Jul-13	15:09:00	60	63.5	69.6	53.3	69.2	67.0	65.3	64.5	62.9	56.3
3	22-Jul-13	15:10:00	60	67.8	74.8	49.4	74.0	72.4	71.4	69.6	65.4	53.6
3	22-Jul-13	15:11:00	60	65.2	74.4	50.5	73.0	71.0	69.1	66.2	58.1	51.5
3	22-Jul-13	15:12:00	60	67.2	72.1	54.3	71.7	70.7	69.8	69.1	66.8	57.4
3	22-Jul-13	15:13:00	30.6	64.8	71.8	54.3	71.5	69.4	67.4	65.7	63.0	56.0
SUMMARY			**16**	**66.7**	**76.6**	**48.7**						

Interval Data - Noise Measurement Location 4

Site	Date	Time	Duration	Leq	Lmax	Lmin	L(2)	L(8)	L(16)	L(25)	L(50)	L(90)
4	22-Jul-13	13:59:04	55.4	64	69.3	55.3	68.9	67.9	66.5	65.3	63.1	57.6
4	22-Jul-13	14:00:00	60	64.3	72.6	52	71.8	67.9	66.7	65.7	62.2	53.8
4	22-Jul-13	14:01:00	60	62.4	68.3	51.4	67.8	66.3	65.5	64.7	60.4	52.2
4	22-Jul-13	14:02:00	60	64.5	72.3	49.9	71.7	70.1	68.7	66.5	57.2	50.3
4	22-Jul-13	14:03:00	60	65.5	72.6	55.3	72.3	70.3	68.1	66.6	63.3	56.9
4	22-Jul-13	14:04:00	60	63.9	69	52.9	68.6	67.7	66.8	65.3	63.1	55.8
4	22-Jul-13	14:05:00	60	63.8	72.3	46.2	71.2	69.1	66.8	65.9	59.8	47.3
4	22-Jul-13	14:06:00	60	65.9	71.9	54.4	71.3	69.6	68.7	68.1	64.3	56.3
4	22-Jul-13	14:07:00	60	62.1	69.4	46.3	68.9	66.8	64.9	64	59.1	49.8
4	22-Jul-13	14:08:00	60	62.9	69.4	48.7	68.7	67.2	65.7	64.9	61.1	50.5
4	22-Jul-13	14:09:00	60	64.5	70.2	50.7	70	68.9	67.6	65.8	62.8	54.7
4	22-Jul-13	14:10:00	60	62.9	67.8	51.8	67	66	65.3	64.6	62.9	53.5
4	22-Jul-13	14:11:00	60	67.2	77.7	54.8	76.8	72	67.9	66.8	62.1	57.5
4	22-Jul-13	14:12:00	60	65.9	70.2	58.6	70	69.4	68.5	67.2	65	60.3
4	22-Jul-13	14:13:00	60	67.8	74.8	59.4	74.1	70.9	69.8	69	66.5	61.7
4	22-Jul-13	14:14:00	10.3	65.6	69	59.7	69	68.7	68.1	67.3	64.6	60.5
SUMMARY			**16**	**64.9**	**77.7**	**46.2**						

Interval Data - Site 5

Site	Date	Time	Duration	Leq	Lmax	Lmin	L(2)	L(8)	L(16)	L(25)	L(50)	L(90)
5	22-Jul-13	13:36:07	53	61.6	68.3	50.3	67.8	66.6	64.7	63.2	59.2	51.6
5	22-Jul-13	13:37:00	60	67.8	76.3	54.0	75.5	71.8	70.6	69.2	63.8	56.6
5	22-Jul-13	13:38:00	60	67.4	73.0	55.2	72.2	71.4	70.4	69.5	65.6	57.0
5	22-Jul-13	13:39:00	60	65.7	74.3	53.3	73.5	70.0	67.9	66.1	63.0	54.6
5	22-Jul-13	13:40:00	60	67.0	73.7	56.2	73.5	70.0	69.3	68.4	65.5	59.2
5	22-Jul-13	13:41:00	60	62.8	68.5	54.0	68.0	65.9	65.0	64.2	62.2	56.0
5	22-Jul-13	13:42:00	60	64.2	74.9	51.7	70.7	67.2	66.1	65.2	62.2	55.3
5	22-Jul-13	13:43:00	60	66.3	76.4	50.5	75.6	71.3	69.3	64.5	61.2	53.1
5	22-Jul-13	13:44:00	60	67.0	76.2	55.7	75.3	70.4	69.0	67.8	65.4	56.5
5	22-Jul-13	13:45:00	60	65.0	70.2	55.0	69.8	69.0	67.7	66.6	64.5	56.5
5	22-Jul-13	13:46:00	60	67.7	73.4	59.2	72.8	71.2	69.5	68.2	66.7	63.3
5	22-Jul-13	13:47:00	60	62.5	68.2	55.9	67.2	65.8	65.3	64.3	61.2	57.0
5	22-Jul-13	13:48:00	60	66.6	71.0	54.5	70.4	69.0	68.6	68.3	66.5	61.6
5	22-Jul-13	13:49:00	60	64.1	71.4	49.5	71.2	67.9	66.9	66.0	61.3	54.2
5	22-Jul-13	13:50:00	60	66.1	74.9	57.1	74.0	69.6	67.0	66.0	64.4	59.0
5	22-Jul-13	13:51:00	39	63.7	71.8	51.2	71.7	70.5	66.2	63.2	57.4	52.2
SUMMARY			**16**	**65.7**	**76.4**	**49.5**						



Noise Peak Hour = 5PM

Peak Hour Noise (dBA Leq)= 67.0

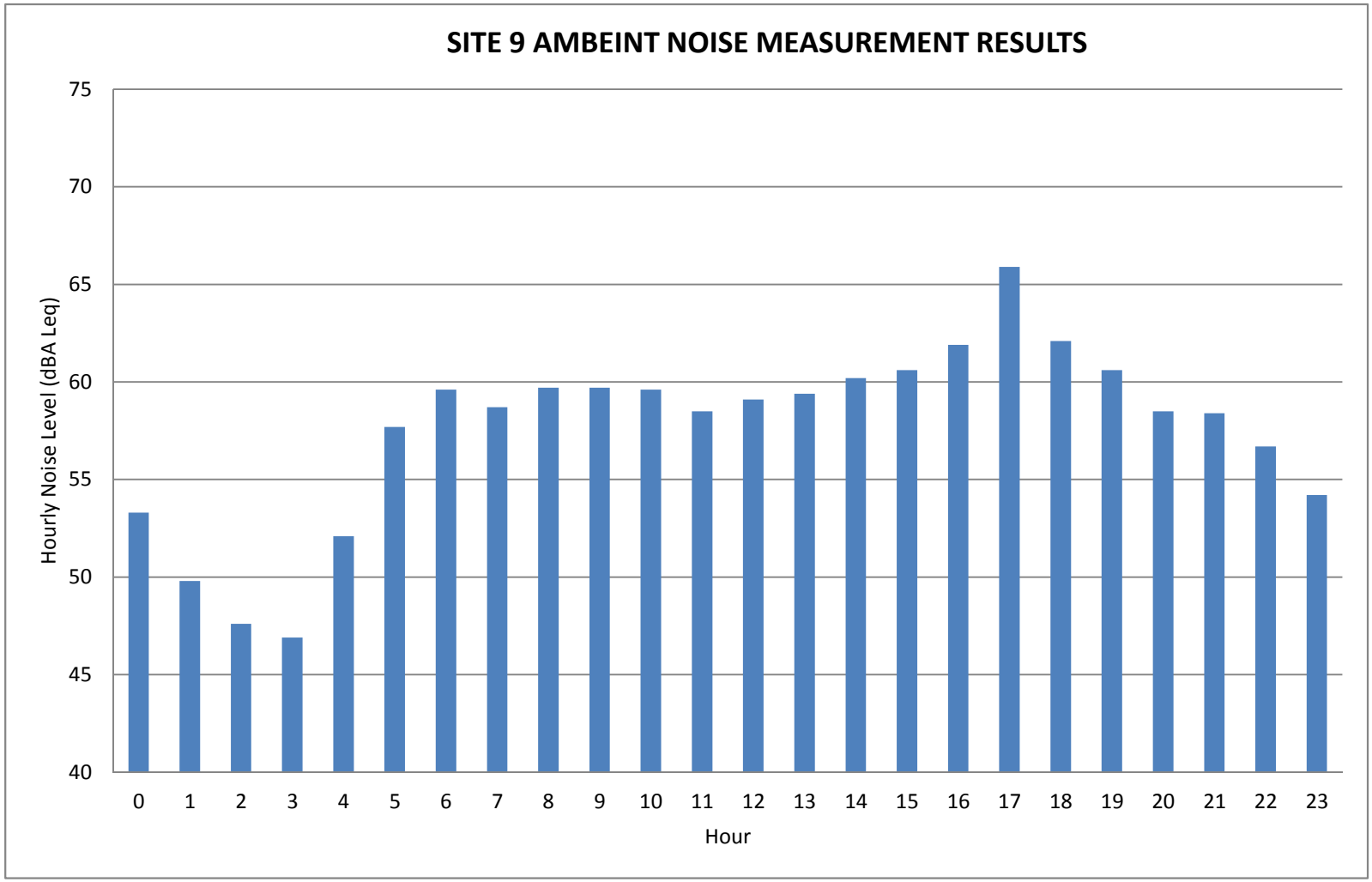
Community Noise Equivalent Level (CNEL) = 66.2

Interval Data - Site 7

Site	Date	Time	Duration	Leq	Lmax	Lmin	L(2)	L(8)	L(16)	L(25)	L(50)	L(90)
7	22-Jul-13	10:02:00	60	56	64.2	42.7	63.8	61.4	59.1	57	52.2	43.1
7	22-Jul-13	10:03:00	60	60.1	71.1	45.3	68.7	65.8	62.9	60	51.6	46.5
7	22-Jul-13	10:04:00	60	56.7	65.4	43.7	64.7	61.7	59.4	57.2	52.2	48.1
7	22-Jul-13	10:05:00	60	54.1	66.1	40	65.6	58.9	51.9	49	44.4	40.6
7	22-Jul-13	10:06:00	60	46.3	53	39.3	52.7	51.8	49.5	46.3	43.4	40.2
7	22-Jul-13	10:07:00	60	58.4	65.7	48.8	65.5	64.2	60	58.8	55.3	49.6
7	22-Jul-13	10:08:00	60	63.7	76.3	47.3	75.4	68.7	61.9	58.4	54	49.2
7	22-Jul-13	10:09:00	60	63.1	75.2	47	73.9	67.5	64.3	61.7	52.1	48.8
7	22-Jul-13	10:10:00	60	52.1	63.1	45.2	60.8	54.8	53.2	51.8	49	45.7
7	22-Jul-13	10:11:00	60	57.2	67.6	47.2	66.7	62.4	58.7	56.1	52	48.8
7	22-Jul-13	10:12:00	60	56.4	66.2	42	65.6	62.7	59	54.5	49	43.2
7	22-Jul-13	10:13:00	60	57.8	69.3	41.5	68.7	63.4	58	52.8	50.7	42.2
7	22-Jul-13	10:14:00	60	53.7	64.5	40	63.6	57.8	56.1	54.1	47	40.5
7	22-Jul-13	10:15:00	60	51.4	61.8	38.8	61.1	57.6	52.9	49.6	40.9	39
7	22-Jul-13	10:16:00	60	42.9	46.4	39.9	46.4	45.7	44.8	43.1	42.1	40.8
7	22-Jul-13	10:17:00	60	61.5	73.7	40.2	72.9	67.5	59.5	54.1	50.9	42.2
SUMMARY			**16**	**60.2**	**76.3**	**38.8**						

Interval Data - Site 8

Site	Date	Time	Duration	Leq	Lmax	Lmin	L(2)	L(8)	L(16)	L(25)	L(50)	L(90)
8	22-Jul-13	11:04:00	60	61.4	73.0	50.7	71.9	64.8	60.2	59.4	56.7	51.7
8	22-Jul-13	11:05:00	60	57.5	61.0	52.0	60.7	59.9	59.5	59.0	57.2	53.2
8	22-Jul-13	11:06:00	60	58.0	62.6	51.2	62.3	61.0	60.2	59.4	57.2	52.1
8	22-Jul-13	11:07:00	60	56.9	61.9	51.9	60.7	59.8	58.8	58.2	56.3	53.3
8	22-Jul-13	11:08:00	60	64.3	70.9	55.8	70.7	69.5	67.2	66.1	60.9	57.5
8	22-Jul-13	11:09:00	60	60.7	68.1	54.0	67.5	64.4	62.1	60.9	59.3	55.9
8	22-Jul-13	11:10:00	60	64.8	76.4	53.4	75.8	69.6	64.1	61.7	56.5	54.3
8	22-Jul-13	11:11:00	60	60.9	68.5	51.5	68.5	67.4	63.2	60.5	56.3	52.2
8	22-Jul-13	11:12:00	60	59.7	68.5	52.4	68.2	64.2	60.2	59.0	57.4	53.8
8	22-Jul-13	11:13:00	60	56.6	61.2	50.3	61.1	60.2	59.2	57.9	55.4	51.6
8	22-Jul-13	11:14:00	60	59.2	62.8	51.3	62.8	62.1	61.1	60.6	59.1	52.2
8	22-Jul-13	11:15:00	60	58.1	63.8	51.1	63.4	61.9	60.3	58.8	56.7	52.7
8	22-Jul-13	11:16:00	60	57.6	61.5	53.1	61.4	59.8	59.1	58.4	57.2	55.0
8	22-Jul-13	11:17:00	60	62.7	71.7	52.3	71.2	69.3	63.5	60.4	58.3	54.4
8	22-Jul-13	11:18:00	60	57.4	62.0	50.6	61.5	60.2	59.1	58.4	57.0	53.0
8	22-Jul-13	11:19:00	34.8	57.7	65.5	48.2	65.3	62.9	59.8	58.1	54.2	49.1
SUMMARY			**16**	**63.8**	**76.4**	**48.2**						



Noise Peak Hour = 5PM

Peak Hour Noise (dBA Leq)= 65.9

Community Noise Equivalent Level (CNEL) = 63.3

Interval Data - Site 10

Site	Date	Time	Duration	Leq	Lmax	Lmin	L(2)	L(8)	L(16)	L(25)	L(50)	L(90)
10	22-Jul-13	10:36:00	60	54.8	63	36.1	62.2	60.7	59.7	56.7	38.3	36.3
10	22-Jul-13	10:37:00	60	63.9	68.7	56.4	67.9	67.2	66.3	65.4	63.1	59.1
10	22-Jul-13	10:38:00	60	50.2	57.3	38.5	56.8	55.5	54.3	50.7	45.8	40.3
10	22-Jul-13	10:39:00	60	40.5	47.2	35.6	46.8	43.7	42.1	41.3	39.3	36.2
10	22-Jul-13	10:40:00	60	37.3	39.8	34.1	39.6	38.8	38.4	38	37.3	35.4
10	22-Jul-13	10:41:00	60	36.6	39.6	34.8	39	38	37.7	37.4	36.4	35.2
10	22-Jul-13	10:42:00	60	38.3	42.9	34.3	42.6	41.3	40.3	39.2	37.9	35
10	22-Jul-13	10:43:00	60	39.7	42.4	37.2	42.4	41.7	41.2	40.7	39.3	37.6
10	22-Jul-13	10:44:00	60	39.5	42	35.5	41.8	41.3	40.9	40.6	39.7	36.2
10	22-Jul-13	10:45:00	60	38.1	40.9	35.2	40.5	39.8	39.4	38.9	37.7	36.1
10	22-Jul-13	10:46:00	60	40.2	44.4	35.3	43.9	42.9	42.2	41.5	39.7	36.3
10	22-Jul-13	10:47:00	60	41.5	45.9	38.8	44.8	43	42.6	42.2	40.9	39.6
10	22-Jul-13	10:48:00	60	40.3	43.6	36.8	42.8	41.9	41.6	41.2	40.1	38.2
10	22-Jul-13	10:49:00	60	42.5	52.5	37.2	50.2	46	43.4	42.2	40.5	37.8
10	22-Jul-13	10:50:00	60	40.7	44.7	38.7	43.3	42.1	41.6	41.1	40.4	39.1
10	22-Jul-13	10:51:00	32.4	42.6	49.8	38.5	49	47.1	44.4	42.5	40.2	39.1
SUMMARY			**16**	**56.7**	**68.7**	**34.1**						

Interval Data - Site 11

Site	Date	Time	Duration	Leq	Lmax	Lmin	L(2)	L(8)	L(16)	L(25)	L(50)	L(90)
11	22-Jul-13	17:04:00	60	66.5	75.3	51.3	73.9	71.2	68.9	67.2	64	53.3
11	22-Jul-13	17:05:00	60	68.9	75.4	52.2	75.4	74	72.2	70.3	66.8	54.8
11	22-Jul-13	17:06:00	60	69.9	82.1	50.6	79.4	73.1	71.7	70.7	65.2	54.6
11	22-Jul-13	17:07:00	60	66.7	77.9	47.6	74.8	70.9	68.4	66.9	64.7	50.4
11	22-Jul-13	17:08:00	60	68.5	74.4	52.4	73.8	72.4	71.3	70.4	66.9	58
11	22-Jul-13	17:09:00	60	67.4	75.7	50.4	75.3	72.4	70.1	67.2	64.6	52.6
11	22-Jul-13	17:10:00	60	64.6	71.8	51.4	70.9	69.6	67.7	65.4	62	56.2
11	22-Jul-13	17:11:00	60	69.1	74.3	48.8	73.9	72.8	71.9	71.3	67.9	51.8
11	22-Jul-13	17:12:00	60	64.5	73.4	49.4	70.5	68.9	68	66.9	61.6	51.3
11	22-Jul-13	17:13:00	60	70.5	75.9	52.9	75.6	74.4	73.5	72.6	69.2	60.3
11	22-Jul-13	17:14:00	60	69.2	75.2	53.5	74.1	73.2	72.2	71.2	67.2	60.4
11	22-Jul-13	17:15:00	60	69.2	79.8	45	77.4	74.2	71.8	70.4	64.1	47.5
11	22-Jul-13	17:16:00	60	69.3	76	53.3	75.6	73.7	71.4	70.4	67.6	60.3
11	22-Jul-13	17:17:00	60	69.3	76.4	52.7	75.7	74	72.6	71	66.9	55.6
11	22-Jul-13	17:18:00	60	67.1	74.7	52	73.9	72.3	70	67.5	64.4	55.7
SUMMARY			**15**	**70.4**	**82.1**	**45.0**						

Interval Data - Site 12

Site	Date	Time	Duration	Leq	Lmax	Lmin	L(2)	L(8)	L(16)	L(25)	L(50)	L(90)
12	22-Jul-13	11:55:00	60	65.5	77	43.8	75.5	71.4	66.3	64.5	54.2	44.9
12	22-Jul-13	11:57:00	60	61	72.3	45.6	71.5	67.7	58.7	54.9	52.5	46.4
12	22-Jul-13	11:58:00	60	64.9	74.8	53.7	73.9	70.7	68.3	64.1	57.2	54.4
12	22-Jul-13	12:02:00	60	67.4	78.5	48	77.2	71.4	69.1	67	63.7	51.1
12	22-Jul-13	12:03:00	60	65.8	78.5	41.2	77.6	69.7	65.2	61.6	53.8	42.3
12	22-Jul-13	12:04:00	60	63.1	73.5	46.5	72.4	69.3	66.1	62.2	52.8	47.7
12	22-Jul-13	12:06:00	60	64.6	74.5	46.3	74.3	69.1	66.2	64.4	59.1	48.3
12	22-Jul-13	12:07:00	60	58	70.8	41.7	69.4	62.7	55.5	54.3	49.4	43.9
12	22-Jul-13	12:08:00	60	63.4	72.4	45.2	71.9	68.8	64.8	63.4	59.4	49.2
12	22-Jul-13	12:09:00	60	66.2	75.9	45.1	75.1	71.5	68.4	66.5	61	50.7
12	22-Jul-13	12:10:00	60	61.9	72.4	40.4	71	67.4	65.1	61.6	57	42.3
12	22-Jul-13	12:11:00	60	46.2	54.7	38.1	54.3	51.2	46.6	45.4	43.5	40.5
12	22-Jul-13	12:12:00	60	63.9	76.5	43.8	75.5	67.9	64.8	61.5	53.3	46.6
12	22-Jul-13	12:13:00	60	60.7	69.8	46.3	68.4	65.2	63	61.4	57.9	50.2
12	22-Jul-13	12:14:00	60	65.9	74.5	44.8	74	71.7	69	67.2	60.6	45.3
SUMMARY			**15**	**64.1**	**78.5**	**38.1**						

FHWA RD-77-108 NOISE PREDICTION MODEL

Scenario: POST-2035
Roadway: Copper Avenue
Segment: Friant to Willow

Project: CLOVIS GP UPDATE
Analyst: FS
Date: 16-Jun-14

ROADWAY INPUTS	
ADT	26,300
SPEED (mph)	45
ROAD NEAR-FAR LN. DIST.	72
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.0%	DAY	73.0%
% MT	2.4%	EVENING	14.0%
% HT	0.6%	NIGHT	13.0%

CALCULATION AREA	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	1552	38	10	1191	29	7	368	9	2
Speed in MPH	45	45	45	45	45	45	45	45	45
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	69.3	77.6	82.1	69.3	77.6	82.1	69.3	77.6	82.1
ADJUSTMENTS									
Flow	0.1	-16.0	-22.0	-1.1	-17.1	-23.2	-6.2	-22.2	-28.3
Distance	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	65.2	57.5	56.0	64.1	56.3	54.8	59.0	51.2	49.7
VEHICULAR NOISE	DAY=	66.3	Leq	EVENING=	65.2	Leq	NIGHT=	60.1	Leq

RESULTS					
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):				**Ldn=**	**68.1**
				CNEL=	**68.6**
NOISE CONTOUR:			*70 dBA*	*65 dBA*	*60 dBA*
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):	**Ldn:**		**74**	**160**	**344**
	CNEL:		**81**	**174**	**376**

Scenario: POST-2035
Roadway: Copper Avenue
Segment: Willow to Auberry

Project: CLOVIS GP UPDATE
Analyst: FS
Date: 16-Jun-14

ROADWAY INPUTS	
ADT	43,300
SPEED (mph)	45
ROAD NEAR-FAR LN. DIST.	72
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.0%	DAY	73.0%
% MT	2.4%	EVENING	14.0%
% HT	0.6%	NIGHT	13.0%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	2555	63	16	1960	48	12	607	15	4
Speed in MPH	45	45	45	45	45	45	45	45	45
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	69.3	77.6	82.1	69.3	77.6	82.1	69.3	77.6	82.1
ADJUSTMENTS									
Flow	2.2	-13.8	-19.9	1.1	-15.0	-21.0	-4.0	-20.1	-26.1
Distance	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	67.4	59.6	58.1	66.3	58.5	57.0	61.2	53.4	51.9
VEHICULAR NOISE	DAY=	68.5	Leq	EVENING=	67.3	Leq	NIGHT=	62.3	Leq

RESULTS				
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):			**Ldn=**	**70.2**
			CNEL=	**70.8**
NOISE CONTOUR:		*70 dBA*	*65 dBA*	*60 dBA*
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):	**Ldn:**	**103**	**223**	**480**
	CNEL:	**113**	**243**	**524**

FHWA RD-77-108 NOISE PREDICTION MODEL

Scenario: POST-2035
Roadway: Copper Avenue
Segment: Auberry to Minnewawa

Project: CLOVIS GP UPDATE
Analyst: FS
Date: 16-Jun-14

ROADWAY INPUTS	
ADT	36,600
SPEED (mph)	45
ROAD NEAR-FAR LN. DIST.	48
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.0%	DAY	73.0%
% MT	2.4%	EVENING	14.0%
% HT	0.6%	NIGHT	13.0%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	2160	53	13	1657	41	10	513	13	3
Speed in MPH	45	45	45	45	45	45	45	45	45
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	69.3	77.6	82.1	69.3	77.6	82.1	69.3	77.6	82.1
ADJUSTMENTS									
Flow	1.5	-14.6	-20.6	0.4	-15.7	-21.7	-4.7	-20.8	-26.8
Distance	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	66.4	58.6	57.1	65.3	57.5	56.0	60.2	52.4	50.9
VEHICULAR NOISE	DAY=	67.5	Leq	EVENING=	66.4	Leq	NIGHT=	61.3	Leq

RESULTS				
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):			**Ldn=**	**69.2**
			CNEL=	**69.8**
NOISE CONTOUR:		*70 dBA*	*65 dBA*	*60 dBA*
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):	**Ldn:**	**89**	**191**	**412**
	CNEL:	**97**	**209**	**450**

FHWA RD-77-108 NOISE PREDICTION MODEL

Scenario: POST-2035
Roadway: Copper Avenue
Segment: Minnewawa to Fowler

Project: CLOVIS GP UPDATE
Analyst: FS
Date: 16-Jun-14

ROADWAY INPUTS	
ADT	36,600
SPEED (mph)	45
ROAD NEAR-FAR LN. DIST.	48
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.0%	DAY	73.0%
% MT	2.4%	EVENING	14.0%
% HT	0.6%	NIGHT	13.0%

CALCULATION AREA	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	2160	53	13	1657	41	10	513	13	3
Speed in MPH	45	45	45	45	45	45	45	45	45
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	69.3	77.6	82.1	69.3	77.6	82.1	69.3	77.6	82.1
ADJUSTMENTS									
Flow	1.5	-14.6	-20.6	0.4	-15.7	-21.7	-4.7	-20.8	-26.8
Distance	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	66.4	58.6	57.1	65.3	57.5	56.0	60.2	52.4	50.9
VEHICULAR NOISE	DAY=	67.5	Leq	EVENING=	66.4	Leq	NIGHT=	61.3	Leq

RESULTS				
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):			**Ldn=**	**69.2**
			CNEL=	**69.8**
NOISE CONTOUR:		*70 dBA*	*65 dBA*	*60 dBA*
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):	**Ldn:**	**89**	**191**	**412**
	CNEL:	**97**	**209**	**450**

FHWA RD-77-108 NOISE PREDICTION MODEL

Scenario: POST-2035
Roadway: Behymer Avenue
Segment: Maple to Willow

Project: CLOVIS GP UPDATE
Analyst: FS
Date: 16-Jun-14

ROADWAY INPUTS	
ADT	5,900
SPEED (mph)	45
ROAD NEAR-FAR LN. DIST.	48
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.0%	DAY	73.0%
% MT	2.4%	EVENING	14.0%
% HT	0.6%	NIGHT	13.0%

CALCULATION AREA	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	348	9	2	267	7	2	83	2	1
Speed in MPH	45	45	45	45	45	45	45	45	45
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	69.3	77.6	82.1	69.3	77.6	82.1	69.3	77.6	82.1
ADJUSTMENTS									
Flow	-6.4	-22.5	-28.5	-7.6	-23.6	-29.7	-12.7	-28.7	-34.8
Distance	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	58.5	50.7	49.2	57.3	49.6	48.1	52.3	44.5	43.0
VEHICULAR NOISE	DAY=	59.6	Leq	EVENING=	58.4	Leq	NIGHT=	53.3	Leq

RESULTS					
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):				**Ldn=**	**61.3**
				CNEL=	**61.9**
NOISE CONTOUR:			*70 dBA*	*65 dBA*	*60 dBA*
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		**Ldn:**	**26**	**57**	**122**
		CNEL:	**29**	**62**	**133**

FHWA RD-77-108 NOISE PREDICTION MODEL

Scenario: POST-2035
Roadway: Behymer Avenue
Segment: Willow to Minnewawa

Project: CLOVIS GP UPDATE
Analyst: FS
Date: 16-Jun-14

ROADWAY INPUTS	
ADT	15,300
SPEED (mph)	45
ROAD NEAR-FAR LN. DIST.	48
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	15,300
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.0%	DAY	73.0%
% MT	2.4%	EVENING	14.0%
% HT	0.6%	NIGHT	13.0%

CALCULATION AREA	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	903	22	6	693	17	4	214	5	1
Speed in MPH	45	45	45	45	45	45	45	45	45
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	69.3	77.6	82.1	69.3	77.6	82.1	69.3	77.6	82.1
ADJUSTMENTS									
Flow	-2.3	-18.3	-24.4	-3.4	-19.5	-25.5	-8.5	-24.6	-30.6
Distance	-3.0	-3.0	-3.0	-3.0	-3.0	-3.0	-3.0	-3.0	-3.0
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	64.1	56.3	54.8	63.0	55.2	53.7	57.9	50.1	48.6
VEHICULAR NOISE	DAY=	65.2	Leq	EVENING=	64.0	Leq	NIGHT=	59.0	Leq

RESULTS				
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):			**Ldn=**	**66.9**
			CNEL=	**67.5**
NOISE CONTOUR:		*70 dBA*	*65 dBA*	*60 dBA*
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):	**Ldn:**	**49**	**156**	**492**
	CNEL:	**56**	**177**	**560**

FHWA RD-77-108 NOISE PREDICTION MODEL

Scenario: POST-2035
Roadway: Behymer Avenue
Segment: Minnewawa to Clovis

Project: CLOVIS GP UPDATE
Analyst: FS
Date: 16-Jun-14

ROADWAY INPUTS	
ADT	10,000
SPEED (mph)	45
ROAD NEAR-FAR LN. DIST.	48
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.0%	DAY	73.0%
% MT	2.4%	EVENING	14.0%
% HT	0.6%	NIGHT	13.0%

CALCULATION AREA	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	590	15	4	453	11	3	140	3	1
Speed in MPH	45	45	45	45	45	45	45	45	45
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	69.3	77.6	82.1	69.3	77.6	82.1	69.3	77.6	82.1
ADJUSTMENTS									
Flow	-4.1	-20.2	-26.2	-5.3	-21.3	-27.4	-10.4	-26.4	-32.5
Distance	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	60.8	53.0	51.5	59.6	51.8	50.3	54.5	46.8	45.3
VEHICULAR NOISE	DAY=	61.9	Leq	EVENING=	60.7	Leq	NIGHT=	55.6	Leq

RESULTS					
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):				**Ldn=**	**63.6**
				CNEL=	**64.2**
NOISE CONTOUR:			*70 dBA*	*65 dBA*	*60 dBA*
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):	**Ldn:**		**37**	**81**	**174**
	CNEL:		**41**	**88**	**189**

FHWA RD-77-108 NOISE PREDICTION MODEL

Scenario: POST-2035
Roadway: Perrin Avenue
Segment: Cedar to Willow

Project: CLOVIS GP UPDATE
Analyst: FS
Date: 16-Jun-14

ROADWAY INPUTS	
ADT	34,500
SPEED (mph)	45
ROAD NEAR-FAR LN. DIST.	48
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.0%	DAY	73.0%
% MT	2.4%	EVENING	14.0%
% HT	0.6%	NIGHT	13.0%

CALCULATION AREA	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	2036	50	13	1562	39	10	483	12	3
Speed in MPH	45	45	45	45	45	45	45	45	45
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	69.3	77.6	82.1	69.3	77.6	82.1	69.3	77.6	82.1
ADJUSTMENTS									
Flow	1.2	-14.8	-20.8	0.1	-16.0	-22.0	-5.0	-21.1	-27.1
Distance	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	66.2	58.4	56.9	65.0	57.2	55.7	59.9	52.1	50.6
VEHICULAR NOISE	DAY=	67.3	Leq	EVENING=	66.1	Leq	NIGHT=	61.0	Leq

RESULTS					
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):				**Ldn=**	**69.0**
				CNEL=	**69.5**
NOISE CONTOUR:			*70 dBA*	*65 dBA*	*60 dBA*
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):	**Ldn:**		**85**	**184**	**397**
	CNEL:		**93**	**201**	**433**

FHWA RD-77-108 NOISE PREDICTION MODEL

Scenario: POST-2035
Roadway: Shepherd Avenue
Segment: West of Willow

Project: CLOVIS GP UPDATE
Analyst: FS
Date: 16-Jun-14

ROADWAY INPUTS	
ADT	53,800
SPEED (mph)	45
ROAD NEAR-FAR LN. DIST.	72
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.0%	DAY	73.0%
% MT	2.4%	EVENING	14.0%
% HT	0.6%	NIGHT	13.0%

CALCULATION AREA	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	3175	79	20	2435	60	15	754	19	5
Speed in MPH	45	45	45	45	45	45	45	45	45
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	69.3	77.6	82.1	69.3	77.6	82.1	69.3	77.6	82.1
ADJUSTMENTS									
Flow	3.2	-12.9	-18.9	2.0	-14.0	-20.1	-3.1	-19.1	-25.2
Distance	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	68.4	60.6	59.1	67.2	59.4	57.9	62.1	54.3	52.8
VEHICULAR NOISE	DAY=	69.4	Leq	EVENING=	68.3	Leq	NIGHT=	63.2	Leq

RESULTS				
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):			**Ldn=**	**71.2**
			CNEL=	**71.7**
NOISE CONTOUR:		*70 dBA*	*65 dBA*	*60 dBA*
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):	**Ldn:**	**120**	**258**	**555**
	CNEL:	**130**	**281**	**605**

FHWA RD-77-108 NOISE PREDICTION MODEL

Scenario: POST-2035
Roadway: Shepherd Avenue
Segment: Willow to Minnewawa

Project: CLOVIS GP UPDATE
Analyst: FS
Date: 16-Jun-14

ROADWAY INPUTS	
ADT	53,800
SPEED (mph)	45
ROAD NEAR-FAR LN. DIST.	72
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.0%	DAY	73.0%
% MT	2.4%	EVENING	14.0%
% HT	0.6%	NIGHT	13.0%

CALCULATION AREA	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	3175	79	20	2435	60	15	754	19	5
Speed in MPH	45	45	45	45	45	45	45	45	45
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	69.3	77.6	82.1	69.3	77.6	82.1	69.3	77.6	82.1
ADJUSTMENTS									
Flow	3.2	-12.9	-18.9	2.0	-14.0	-20.1	-3.1	-19.1	-25.2
Distance	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	68.4	60.6	59.1	67.2	59.4	57.9	62.1	54.3	52.8
VEHICULAR NOISE	DAY=	69.4	Leq	EVENING=	68.3	Leq	NIGHT=	63.2	Leq

RESULTS					
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):				**Ldn=**	**71.2**
				CNEL=	**71.7**
NOISE CONTOUR:			*70 dBA*	*65 dBA*	*60 dBA*
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):	**Ldn:**		**120**	**258**	**555**
	CNEL:		**130**	**281**	**605**

FHWA RD-77-108 NOISE PREDICTION MODEL

Scenario: POST-2035
Roadway: Shepherd Avenue
Segment: Minnewawa to Clovis

Project: CLOVIS GP UPDATE
Analyst: FS
Date: 16-Jun-14

ROADWAY INPUTS	
ADT	44,100
SPEED (mph)	45
ROAD NEAR-FAR LN. DIST.	72
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.0%	DAY	73.0%
% MT	2.4%	EVENING	14.0%
% HT	0.6%	NIGHT	13.0%

CALCULATION AREA	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	2602	64	16	1996	49	12	618	15	4
Speed in MPH	45	45	45	45	45	45	45	45	45
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	69.3	77.6	82.1	69.3	77.6	82.1	69.3	77.6	82.1
ADJUSTMENTS									
Flow	2.3	-13.8	-19.8	1.2	-14.9	-20.9	-3.9	-20.0	-26.0
Distance	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	67.5	59.7	58.2	66.3	58.6	57.1	61.2	53.5	52.0
VEHICULAR NOISE	DAY=	68.6	Leq	EVENING=	67.4	Leq	NIGHT=	62.3	Leq

RESULTS					
NOISE LEVELS AT	100	FEET FROM CENTERLINE (dBA):		**Ldn=**	**70.3**
				CNEL=	**70.9**
NOISE CONTOUR:				*70 dBA*	*65 dBA*	*60 dBA*
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):			**Ldn:**	**105**	**226**	**486**
			CNEL:	**114**	**246**	**530**

FHWA RD-77-108 NOISE PREDICTION MODEL

Scenario: POST-2035
Roadway: Shepherd Avenue
Segment: Clovis to Fowler

Project: CLOVIS GP UPDATE
Analyst: FS
Date: 16-Jun-14

ROADWAY INPUTS	
ADT	74,700
SPEED (mph)	45
ROAD NEAR-FAR LN. DIST.	72
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.0%	DAY	73.0%
% MT	2.4%	EVENING	14.0%
% HT	0.6%	NIGHT	13.0%

CALCULATION AREA	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	4408	109	27	3381	84	21	1047	26	6
Speed in MPH	45	45	45	45	45	45	45	45	45
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	69.3	77.6	82.1	69.3	77.6	82.1	69.3	77.6	82.1
ADJUSTMENTS									
Flow	4.6	-11.5	-17.5	3.5	-12.6	-18.6	-1.6	-17.7	-23.7
Distance	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	69.8	62.0	60.5	68.6	60.8	59.3	63.5	55.7	54.2
VEHICULAR NOISE	DAY=	70.9	Leq	EVENING=	69.7	Leq	NIGHT=	64.6	Leq

RESULTS					
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):				**Ldn=**	**72.6**
				CNEL=	**73.2**
NOISE CONTOUR:			*70 dBA*	*65 dBA*	*60 dBA*
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		**Ldn:**	**149**	**321**	**691**
		CNEL:	**162**	**350**	**753**

FHWA RD-77-108 NOISE PREDICTION MODEL

Scenario: POST-2035
Roadway: Shepherd Avenue
Segment: Fowler to Temperance

Project: CLOVIS GP UPDATE
Analyst: FS
Date: 16-Jun-14

ROADWAY INPUTS	
ADT	61,800
SPEED (mph)	45
ROAD NEAR-FAR LN. DIST.	72
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.0%	DAY	73.0%
% MT	2.4%	EVENING	14.0%
% HT	0.6%	NIGHT	13.0%

CALCULATION AREA	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	3647	90	23	2797	69	17	866	21	5
Speed in MPH	45	45	45	45	45	45	45	45	45
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	69.3	77.6	82.1	69.3	77.6	82.1	69.3	77.6	82.1
ADJUSTMENTS									
Flow	3.8	-12.3	-18.3	2.6	-13.4	-19.5	-2.5	-18.5	-24.5
Distance	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	69.0	61.2	59.7	67.8	60.0	58.5	62.7	54.9	53.4
VEHICULAR NOISE	DAY=	70.0	Leq	EVENING=	68.9	Leq	NIGHT=	63.8	Leq

RESULTS					
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):				**Ldn=**	**71.8**
				CNEL=	**72.3**
NOISE CONTOUR:			*70 dBA*	*65 dBA*	*60 dBA*
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):	**Ldn:**		**131**	**282**	**609**
	CNEL:		**143**	**308**	**664**

FHWA RD-77-108 NOISE PREDICTION MODEL

Scenario: POST-2035
Roadway: Shepherd Avenue
Segment: Temperance to DeWolf

Project: CLOVIS GP UPDATE
Analyst: FS
Date: 16-Jun-14

ROADWAY INPUTS	
ADT	40,800
SPEED (mph)	45
ROAD NEAR-FAR LN. DIST.	48
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.0%	DAY	73.0%
% MT	2.4%	EVENING	14.0%
% HT	0.6%	NIGHT	13.0%

CALCULATION AREA	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	2408	60	15	1847	46	11	572	14	4
Speed in MPH	45	45	45	45	45	45	45	45	45
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	69.3	77.6	82.1	69.3	77.6	82.1	69.3	77.6	82.1
ADJUSTMENTS									
Flow	2.0	-14.1	-20.1	0.8	-15.2	-21.3	-4.3	-20.3	-26.4
Distance	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	66.9	59.1	57.6	65.7	58.0	56.5	60.7	52.9	51.4
VEHICULAR NOISE	DAY=	68.0	Leq	EVENING=	66.8	Leq	NIGHT=	61.7	Leq

RESULTS					
NOISE LEVELS AT	100	FEET FROM CENTERLINE (dBA):		**Ldn=**	**69.7**
				CNEL=	**70.3**
NOISE CONTOUR:				*70 dBA*	*65 dBA*	*60 dBA*
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):			**Ldn:**	**96**	**206**	**443**
			CNEL:	**104**	**225**	**484**

FHWA RD-77-108 NOISE PREDICTION MODEL

Scenario: POST-2035
Roadway: Shepherd Avenue
Segment: DeWolf to SR 168

Project: CLOVIS GP UPDATE
Analyst: FS
Date: 16-Jun-14

ROADWAY INPUTS	
ADT	41,800
SPEED (mph)	45
ROAD NEAR-FAR LN. DIST.	48
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.0%	DAY	73.0%
% MT	2.4%	EVENING	14.0%
% HT	0.6%	NIGHT	13.0%

CALCULATION AREA	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	2467	61	15	1892	47	12	586	14	4
Speed in MPH	45	45	45	45	45	45	45	45	45
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	69.3	77.6	82.1	69.3	77.6	82.1	69.3	77.6	82.1
ADJUSTMENTS									
Flow	2.1	-14.0	-20.0	0.9	-15.1	-21.2	-4.2	-20.2	-26.2
Distance	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	67.0	59.2	57.7	65.8	58.1	56.6	60.8	53.0	51.5
VEHICULAR NOISE	DAY=	68.1	Leq	EVENING=	66.9	Leq	NIGHT=	61.8	Leq

RESULTS					
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):				**Ldn=**	**69.8**
				CNEL=	**70.4**
NOISE CONTOUR:			*70 dBA*	*65 dBA*	*60 dBA*
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):	**Ldn:**		**97**	**209**	**451**
	CNEL:		**106**	**228**	**492**

FHWA RD-77-108 NOISE PREDICTION MODEL

Scenario: POST-2035
Roadway: Teague Avenue
Segment: Cedar to Willow

Project: CLOVIS GP UPDATE
Analyst: FS
Date: 16-Jun-14

ROADWAY INPUTS	
ADT	49,100
SPEED (mph)	45
ROAD NEAR-FAR LN. DIST.	48
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.0%	DAY	73.0%
% MT	2.4%	EVENING	14.0%
% HT	0.6%	NIGHT	13.0%

CALCULATION AREA	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	2897	72	18	2223	55	14	688	17	4
Speed in MPH	45	45	45	45	45	45	45	45	45
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	69.3	77.6	82.1	69.3	77.6	82.1	69.3	77.6	82.1
ADJUSTMENTS									
Flow	2.8	-13.3	-19.3	1.6	-14.4	-20.5	-3.5	-19.5	-25.5
Distance	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	67.7	59.9	58.4	66.5	58.8	57.3	61.5	53.7	52.2
VEHICULAR NOISE	DAY=	68.8	Leq	EVENING=	67.6	Leq	NIGHT=	62.5	Leq

RESULTS					
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):				**Ldn=**	**70.5**
				CNEL=	**71.1**
NOISE CONTOUR:			*70 dBA*	*65 dBA*	*60 dBA*
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):	**Ldn:**		**108**	**233**	**502**
	CNEL:		**118**	**254**	**547**

FHWA RD-77-108 NOISE PREDICTION MODEL

Scenario: POST-2035
Roadway: Nees Avenue
Segment: West of Willow

Project: CLOVIS GP UPDATE
Analyst: FS
Date: 16-Jun-14

ROADWAY INPUTS	
ADT	33,900
SPEED (mph)	45
ROAD NEAR-FAR LN. DIST.	48
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.0%	DAY	73.0%
% MT	2.4%	EVENING	14.0%
% HT	0.6%	NIGHT	13.0%

CALCULATION AREA	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	2000	49	12	1535	38	9	475	12	3
Speed in MPH	45	45	45	45	45	45	45	45	45
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	69.3	77.6	82.1	69.3	77.6	82.1	69.3	77.6	82.1
ADJUSTMENTS									
Flow	1.2	-14.9	-20.9	0.0	-16.0	-22.1	-5.1	-21.1	-27.2
Distance	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	66.1	58.3	56.8	64.9	57.2	55.7	59.8	52.1	50.6
VEHICULAR NOISE	DAY=	67.2	Leq	EVENING=	66.0	Leq	NIGHT=	60.9	Leq

RESULTS					
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):				**Ldn=**	**68.9**
				CNEL=	**69.5**
NOISE CONTOUR:			*70 dBA*	*65 dBA*	*60 dBA*
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):	**Ldn:**		**84**	**182**	**392**
	CNEL:		**92**	**198**	**428**

FHWA RD-77-108 NOISE PREDICTION MODEL

Scenario: POST-2035
Roadway: Nees Avenue
Segment: Willow to Minnewawa

Project: CLOVIS GP UPDATE
Analyst: FS
Date: 16-Jun-14

ROADWAY INPUTS	
ADT	33,900
SPEED (mph)	45
ROAD NEAR-FAR LN. DIST.	48
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.0%	DAY	73.0%
% MT	2.4%	EVENING	14.0%
% HT	0.6%	NIGHT	13.0%

CALCULATION AREA	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	2000	49	12	1535	38	9	475	12	3
Speed in MPH	45	45	45	45	45	45	45	45	45
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	69.3	77.6	82.1	69.3	77.6	82.1	69.3	77.6	82.1
ADJUSTMENTS									
Flow	1.2	-14.9	-20.9	0.0	-16.0	-22.1	-5.1	-21.1	-27.2
Distance	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	66.1	58.3	56.8	64.9	57.2	55.7	59.8	52.1	50.6
VEHICULAR NOISE	DAY=	67.2	Leq	EVENING=	66.0	Leq	NIGHT=	60.9	Leq

RESULTS					
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):				**Ldn=**	**68.9**
				CNEL=	**69.5**
NOISE CONTOUR:			*70 dBA*	*65 dBA*	*60 dBA*
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):	**Ldn:**		**84**	**182**	**392**
	CNEL:		**92**	**198**	**428**

FHWA RD-77-108 NOISE PREDICTION MODEL

Scenario: POST-2035
Roadway: Nees Avenue
Segment: Minnewawa to Clovis

Project: CLOVIS GP UPDATE
Analyst: FS
Date: 16-Jun-14

ROADWAY INPUTS	
ADT	32,200
SPEED (mph)	45
ROAD NEAR-FAR LN. DIST.	48
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.0%	DAY	73.0%
% MT	2.4%	EVENING	14.0%
% HT	0.6%	NIGHT	13.0%

CALCULATION AREA	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	1900	47	12	1458	36	9	451	11	3
Speed in MPH	45	45	45	45	45	45	45	45	45
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	69.3	77.6	82.1	69.3	77.6	82.1	69.3	77.6	82.1
ADJUSTMENTS									
Flow	0.9	-15.1	-21.1	-0.2	-16.3	-22.3	-5.3	-21.4	-27.4
Distance	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	65.9	58.1	56.6	64.7	56.9	55.4	59.6	51.8	50.3
VEHICULAR NOISE	DAY=	67.0	Leq	EVENING=	65.8	Leq	NIGHT=	60.7	Leq

RESULTS					
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):				**Ldn=**	**68.7**
				CNEL=	**69.2**
NOISE CONTOUR:			*70 dBA*	*65 dBA*	*60 dBA*
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):	**Ldn:**		**82**	**176**	**379**
	CNEL:		**89**	**192**	**413**

FHWA RD-77-108 NOISE PREDICTION MODEL

Scenario: POST-2035
Roadway: Nees Avenue
Segment: Clovis to Fowler

Project: CLOVIS GP UPDATE
Analyst: FS
Date: 16-Jun-14

ROADWAY INPUTS	
ADT	16,200
SPEED (mph)	45
ROAD NEAR-FAR LN. DIST.	48
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.0%	DAY	73.0%
% MT	2.4%	EVENING	14.0%
% HT	0.6%	NIGHT	13.0%

CALCULATION AREA	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	956	24	6	733	18	5	227	6	1
Speed in MPH	45	45	45	45	45	45	45	45	45
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	69.3	77.6	82.1	69.3	77.6	82.1	69.3	77.6	82.1
ADJUSTMENTS									
Flow	-2.0	-18.1	-24.1	-3.2	-19.3	-25.3	-8.3	-24.3	-30.4
Distance	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	62.9	55.1	53.6	61.7	53.9	52.4	56.6	48.9	47.4
VEHICULAR NOISE	DAY=	64.0	Leq	EVENING=	62.8	Leq	NIGHT=	57.7	Leq

RESULTS				
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):			**Ldn=**	**65.7**
			CNEL=	**66.3**
NOISE CONTOUR:		*70 dBA*	*65 dBA*	*60 dBA*
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):	**Ldn:**	**52**	**111**	**240**
	CNEL:	**56**	**121**	**261**

FHWA RD-77-108 NOISE PREDICTION MODEL

Scenario: POST-2035
Roadway: Nees Avenue
Segment: Fowler to Temperance

Project: CLOVIS GP UPDATE
Analyst: FS
Date: 16-Jun-14

ROADWAY INPUTS	
ADT	10,600
SPEED (mph)	45
ROAD NEAR-FAR LN. DIST.	48
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.0%	DAY	73.0%
% MT	2.4%	EVENING	14.0%
% HT	0.6%	NIGHT	13.0%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	625	15	4	480	12	3	149	4	1
Speed in MPH	45	45	45	45	45	45	45	45	45
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	69.3	77.6	82.1	69.3	77.6	82.1	69.3	77.6	82.1
ADJUSTMENTS									
Flow	-3.9	-19.9	-26.0	-5.0	-21.1	-27.1	-10.1	-26.2	-32.2
Distance	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	61.0	53.3	51.8	59.9	52.1	50.6	54.8	47.0	45.5
VEHICULAR NOISE	DAY=	62.1	Leq	EVENING=	61.0	Leq	NIGHT=	55.9	Leq

RESULTS				
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):			**Ldn=**	**63.8**
			CNEL=	**64.4**
NOISE CONTOUR:		*70 dBA*	*65 dBA*	*60 dBA*
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):	**Ldn:**	**39**	**84**	**181**
	CNEL:	**42**	**91**	**197**

FHWA RD-77-108 NOISE PREDICTION MODEL

Scenario: POST-2035
Roadway: Nees Avenue
Segment: Temperance to Owens Mtn Pkwy
Project: CLOVIS GP UPDATE
Analyst: FS
Date: 16-Jun-14

ROADWAY INPUTS	
ADT	13,100
SPEED (mph)	40
ROAD NEAR-FAR LN. DIST.	12
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.0%	DAY	73.0%
% MT	2.4%	EVENING	14.0%
% HT	0.6%	NIGHT	13.0%

CALCULATION AREA	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	773	19	5	593	15	4	184	5	1
Speed in MPH	40	40	40	40	40	40	40	40	40
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	67.4	76.3	81.2	67.4	76.3	81.2	67.4	76.3	81.2
ADJUSTMENTS									
Flow	-2.4	-18.5	-24.5	-3.6	-19.7	-25.7	-8.7	-24.8	-30.8
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	60.3	53.2	52.0	59.2	52.0	50.9	54.1	46.9	45.8
VEHICULAR NOISE	DAY=	61.6	Leq	EVENING=	60.4	Leq	NIGHT=	55.3	Leq

RESULTS				
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):			**Ldn=**	**63.3**
			CNEL=	**63.9**
NOISE CONTOUR:		*70 dBA*	*65 dBA*	*60 dBA*
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):	**Ldn:**	**36**	**77**	**166**
	CNEL:	**39**	**84**	**181**

FHWA RD-77-108 NOISE PREDICTION MODEL

Scenario: POST-2035
Roadway: Alluvial Avenue
Segment: West of Willow

Project: CLOVIS GP UPDATE
Analyst: FS
Date: 16-Jun-14

ROADWAY INPUTS	
ADT	19,100
SPEED (mph)	40
ROAD NEAR-FAR LN. DIST.	12
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.0%	DAY	73.0%
% MT	2.4%	EVENING	14.0%
% HT	0.6%	NIGHT	13.0%

CALCULATION AREA	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	1127	28	7	865	21	5	268	7	2
Speed in MPH	40	40	40	40	40	40	40	40	40
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	67.4	76.3	81.2	67.4	76.3	81.2	67.4	76.3	81.2
ADJUSTMENTS									
Flow	-0.8	-16.9	-22.9	-2.0	-18.0	-24.0	-7.1	-23.1	-29.1
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	61.9	54.8	53.7	60.8	53.7	52.5	55.7	48.6	47.4
VEHICULAR NOISE	DAY=	63.2	Leq	EVENING=	62.1	Leq	NIGHT=	57.0	Leq

RESULTS					
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):				**Ldn=**	**64.9**
				CNEL=	**65.5**
NOISE CONTOUR:			*70 dBA*	*65 dBA*	*60 dBA*
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		**Ldn:**	**46**	**99**	**214**
		CNEL:	**50**	**108**	**233**

FHWA RD-77-108 NOISE PREDICTION MODEL

Scenario: POST-2035
Roadway: Alluvial Avenue
Segment: Willow to Clovis

Project: CLOVIS GP UPDATE
Analyst: FS
Date: 16-Jun-14

ROADWAY INPUTS	
ADT	19,100
SPEED (mph)	40
ROAD NEAR-FAR LN. DIST.	12
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.0%	DAY	73.0%
% MT	2.4%	EVENING	14.0%
% HT	0.6%	NIGHT	13.0%

CALCULATION AREA	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	1127	28	7	865	21	5	268	7	2
Speed in MPH	40	40	40	40	40	40	40	40	40
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	67.4	76.3	81.2	67.4	76.3	81.2	67.4	76.3	81.2
ADJUSTMENTS									
Flow	-0.8	-16.9	-22.9	-2.0	-18.0	-24.0	-7.1	-23.1	-29.1
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	61.9	54.8	53.7	60.8	53.7	52.5	55.7	48.6	47.4
VEHICULAR NOISE	DAY=	63.2	Leq	EVENING=	62.1	Leq	NIGHT=	57.0	Leq

RESULTS					
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):				**Ldn=**	**64.9**
				CNEL=	**65.5**
NOISE CONTOUR:			*70 dBA*	*65 dBA*	*60 dBA*
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):	**Ldn:**		**46**	**99**	**214**
	CNEL:		**50**	**108**	**233**

FHWA RD-77-108 NOISE PREDICTION MODEL

Scenario: POST-2035
Roadway: Alluvial Avenue
Segment: Clovis to Fowler

Project: CLOVIS GP UPDATE
Analyst: FS
Date: 16-Jun-14

ROADWAY INPUTS	
ADT	20,900
SPEED (mph)	45
ROAD NEAR-FAR LN. DIST.	48
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.0%	DAY	73.0%
% MT	2.4%	EVENING	14.0%
% HT	0.6%	NIGHT	13.0%

CALCULATION AREA	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	1233	31	8	946	23	6	293	7	2
Speed in MPH	45	45	45	45	45	45	45	45	45
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	69.3	77.6	82.1	69.3	77.6	82.1	69.3	77.6	82.1
ADJUSTMENTS									
Flow	-0.9	-17.0	-23.0	-2.1	-18.1	-24.2	-7.2	-23.2	-29.3
Distance	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	64.0	56.2	54.7	62.8	55.1	53.5	57.7	50.0	48.5
VEHICULAR NOISE	DAY=	65.1	Leq	EVENING=	63.9	Leq	NIGHT=	58.8	Leq

RESULTS					
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):				**Ldn=**	**66.8**
				CNEL=	**67.4**
NOISE CONTOUR:			*70 dBA*	*65 dBA*	*60 dBA*
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):	**Ldn:**		**61**	**132**	**284**
	CNEL:		**67**	**144**	**310**

FHWA RD-77-108 NOISE PREDICTION MODEL

Scenario: POST-2035
Roadway: Alluvial Avenue
Segment: Fowler to Temperance

Project: CLOVIS GP UPDATE
Analyst: FS
Date: 16-Jun-14

ROADWAY INPUTS	
ADT	17,200
SPEED (mph)	45
ROAD NEAR-FAR LN. DIST.	48
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.0%	DAY	73.0%
% MT	2.4%	EVENING	14.0%
% HT	0.6%	NIGHT	13.0%

CALCULATION AREA	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	1015	25	6	779	19	5	241	6	1
Speed in MPH	45	45	45	45	45	45	45	45	45
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	69.3	77.6	82.1	69.3	77.6	82.1	69.3	77.6	82.1
ADJUSTMENTS									
Flow	-1.8	-17.8	-23.9	-2.9	-19.0	-25.0	-8.0	-24.1	-30.1
Distance	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	63.1	55.4	53.9	62.0	54.2	52.7	56.9	49.1	47.6
VEHICULAR NOISE	DAY=	64.2	Leq	EVENING=	63.1	Leq	NIGHT=	58.0	Leq

RESULTS				
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):			**Ldn=**	**66.0**
			CNEL=	**66.5**
NOISE CONTOUR:		*70 dBA*	*65 dBA*	*60 dBA*
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):	**Ldn:**	**54**	**116**	**249**
	CNEL:	**59**	**126**	**272**

FHWA RD-77-108 NOISE PREDICTION MODEL

Scenario: POST-2035
Roadway: Owens Mtn Pkwy
Segment: Cedar to Willow

Project: CLOVIS GP UPDATE
Analyst: FS
Date: 16-Jun-14

ROADWAY INPUTS	
ADT	75,100
SPEED (mph)	45
ROAD NEAR-FAR LN. DIST.	72
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.0%	DAY	73.0%
% MT	2.4%	EVENING	14.0%
% HT	0.6%	NIGHT	13.0%

CALCULATION AREA	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	4432	110	27	3400	84	21	1052	26	7
Speed in MPH	45	45	45	45	45	45	45	45	45
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	69.3	77.6	82.1	69.3	77.6	82.1	69.3	77.6	82.1
ADJUSTMENTS									
Flow	4.6	-11.4	-17.5	3.5	-12.6	-18.6	-1.6	-17.7	-23.7
Distance	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	69.8	62.0	60.5	68.7	60.9	59.4	63.6	55.8	54.3
VEHICULAR NOISE	DAY=	70.9	Leq	EVENING=	69.7	Leq	NIGHT=	64.6	Leq

RESULTS					
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):				**Ldn=**	**72.6**
				CNEL=	**73.2**
NOISE CONTOUR:			*70 dBA*	*65 dBA*	*60 dBA*
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):	**Ldn:**		**149**	**322**	**693**
	CNEL:		**163**	**351**	**756**

FHWA RD-77-108 NOISE PREDICTION MODEL

Scenario: POST-2035
Roadway: Herndon Avenue
Segment: West of Willow

Project: CLOVIS GP UPDATE
Analyst: FS
Date: 16-Jun-14

ROADWAY INPUTS	
ADT	72,200
SPEED (mph)	45
ROAD NEAR-FAR LN. DIST.	72
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.0%	DAY	73.0%
% MT	2.4%	EVENING	14.0%
% HT	0.6%	NIGHT	13.0%

CALCULATION AREA	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	4260	105	26	3268	81	20	1012	25	6
Speed in MPH	45	45	45	45	45	45	45	45	45
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	69.3	77.6	82.1	69.3	77.6	82.1	69.3	77.6	82.1
ADJUSTMENTS									
Flow	4.5	-11.6	-17.6	3.3	-12.8	-18.8	-1.8	-17.9	-23.9
Distance	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	69.6	61.8	60.3	68.5	60.7	59.2	63.4	55.6	54.1
VEHICULAR NOISE	DAY=	70.7	Leq	EVENING=	69.6	Leq	NIGHT=	64.5	Leq

RESULTS				
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):			**Ldn=**	**72.4**
			CNEL=	**73.0**
NOISE CONTOUR:		*70 dBA*	*65 dBA*	*60 dBA*
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):	**Ldn:**	**145**	**313**	**675**
	CNEL:	**159**	**342**	**736**

FHWA RD-77-108 NOISE PREDICTION MODEL

Scenario: POST-2035
Roadway: Herndon Avenue
Segment: Willow to SR 168

Project: CLOVIS GP UPDATE
Analyst: FS
Date: 16-Jun-14

ROADWAY INPUTS	
ADT	72,200
SPEED (mph)	45
ROAD NEAR-FAR LN. DIST.	72
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.0%	DAY	73.0%
% MT	2.4%	EVENING	14.0%
% HT	0.6%	NIGHT	13.0%

CALCULATION AREA	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	4260	105	26	3268	81	20	1012	25	6
Speed in MPH	45	45	45	45	45	45	45	45	45
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	69.3	77.6	82.1	69.3	77.6	82.1	69.3	77.6	82.1
ADJUSTMENTS									
Flow	4.5	-11.6	-17.6	3.3	-12.8	-18.8	-1.8	-17.9	-23.9
Distance	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	69.6	61.8	60.3	68.5	60.7	59.2	63.4	55.6	54.1
VEHICULAR NOISE	DAY=	70.7	Leq	EVENING=	69.6	Leq	NIGHT=	64.5	Leq

RESULTS					
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):				**Ldn=**	**72.4**
				CNEL=	**73.0**
NOISE CONTOUR:			*70 dBA*	*65 dBA*	*60 dBA*
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):	**Ldn:**		**145**	**313**	**675**
	CNEL:		**159**	**342**	**736**

FHWA RD-77-108 NOISE PREDICTION MODEL

Scenario: POST-2035
Roadway: Herndon Avenue
Segment: SR 168 to Clovis

Project: CLOVIS GP UPDATE
Analyst: FS
Date: 16-Jun-14

ROADWAY INPUTS	
ADT	66,500
SPEED (mph)	50
ROAD NEAR-FAR LN. DIST.	96
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.0%	DAY	73.0%
% MT	2.4%	EVENING	14.0%
% HT	0.6%	NIGHT	13.0%

CALCULATION AREA	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	3924	97	24	3010	74	19	932	23	6
Speed in MPH	50	50	50	50	50	50	50	50	50
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	71.1	78.8	83.0	71.1	78.8	83.0	71.1	78.8	83.0
ADJUSTMENTS									
Flow	3.6	-12.4	-18.4	2.5	-13.6	-19.6	-2.6	-18.7	-24.7
Distance	-3.8	-3.8	-3.8	-3.8	-3.8	-3.8	-3.8	-3.8	-3.8
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	71.0	62.6	60.8	69.8	61.5	59.7	64.7	56.4	54.6
VEHICULAR NOISE	DAY=	71.9	Leq	EVENING=	70.8	Leq	NIGHT=	65.7	Leq

RESULTS					
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):				**Ldn=**	**73.7**
				CNEL=	**74.2**
NOISE CONTOUR:			*70 dBA*	*65 dBA*	*60 dBA*
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		**Ldn:**	**175**	**377**	**813**
		CNEL:	**191**	**412**	**887**

FHWA RD-77-108 NOISE PREDICTION MODEL

Scenario: POST-2035
Roadway: Herndon Avenue
Segment: Clovis to Sunnyside

Project: CLOVIS GP UPDATE
Analyst: FS
Date: 16-Jun-14

ROADWAY INPUTS	
ADT	50,900
SPEED (mph)	45
ROAD NEAR-FAR LN. DIST.	72
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.0%	DAY	73.0%
% MT	2.4%	EVENING	14.0%
% HT	0.6%	NIGHT	13.0%

CALCULATION AREA	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	3004	74	19	2304	57	14	713	18	4
Speed in MPH	45	45	45	45	45	45	45	45	45
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	69.3	77.6	82.1	69.3	77.6	82.1	69.3	77.6	82.1
ADJUSTMENTS									
Flow	2.9	-13.1	-19.1	1.8	-14.3	-20.3	-3.3	-19.4	-25.4
Distance	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	68.1	60.3	58.8	67.0	59.2	57.7	61.9	54.1	52.6
VEHICULAR NOISE	DAY=	69.2	Leq	EVENING=	68.0	Leq	NIGHT=	63.0	Leq

RESULTS				
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):			**Ldn=**	**70.9**
			CNEL=	**71.5**
NOISE CONTOUR:		*70 dBA*	*65 dBA*	*60 dBA*
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):	**Ldn:**	**115**	**248**	**535**
	CNEL:	**126**	**271**	**583**

FHWA RD-77-108 NOISE PREDICTION MODEL

Scenario: POST-2035
Roadway: Herndon Avenue
Segment: Sunnyside to Fowler

Project: CLOVIS GP UPDATE
Analyst: FS
Date: 16-Jun-14

ROADWAY INPUTS	
ADT	58,200
SPEED (mph)	45
ROAD NEAR-FAR LN. DIST.	72
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.0%	DAY	73.0%
% MT	2.4%	EVENING	14.0%
% HT	0.6%	NIGHT	13.0%

CALCULATION AREA	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	3434	85	21	2635	65	16	815	20	5
Speed in MPH	45	45	45	45	45	45	45	45	45
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	69.3	77.6	82.1	69.3	77.6	82.1	69.3	77.6	82.1
ADJUSTMENTS									
Flow	3.5	-12.5	-18.6	2.4	-13.7	-19.7	-2.7	-18.8	-24.8
Distance	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	68.7	60.9	59.4	67.5	59.8	58.3	62.5	54.7	53.2
VEHICULAR NOISE	DAY=	69.8	Leq	EVENING=	68.6	Leq	NIGHT=	63.5	Leq

RESULTS					
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):				**Ldn=**	**71.5**
				CNEL=	**72.1**
NOISE CONTOUR:			*70 dBA*	*65 dBA*	*60 dBA*
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):	**Ldn:**		**126**	**271**	**585**
	CNEL:		**137**	**296**	**638**

FHWA RD-77-108 NOISE PREDICTION MODEL

Scenario: POST-2035
Roadway: Herndon Avenue
Segment: Fowler to Temperance

Project: CLOVIS GP UPDATE
Analyst: FS
Date: 16-Jun-14

ROADWAY INPUTS	
ADT	45,400
SPEED (mph)	45
ROAD NEAR-FAR LN. DIST.	72
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.0%	DAY	73.0%
% MT	2.4%	EVENING	14.0%
% HT	0.6%	NIGHT	13.0%

CALCULATION AREA	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	2679	66	17	2055	51	13	636	16	4
Speed in MPH	45	45	45	45	45	45	45	45	45
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	69.3	77.6	82.1	69.3	77.6	82.1	69.3	77.6	82.1
ADJUSTMENTS									
Flow	2.4	-13.6	-19.6	1.3	-14.8	-20.8	-3.8	-19.9	-25.9
Distance	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	67.6	59.8	58.3	66.5	58.7	57.2	61.4	53.6	52.1
VEHICULAR NOISE	DAY=	68.7	Leq	EVENING=	67.6	Leq	NIGHT=	62.5	Leq

RESULTS				
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):			**Ldn=**	**70.4**
			CNEL=	**71.0**
NOISE CONTOUR:		*70 dBA*	*65 dBA*	*60 dBA*
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):	**Ldn:**	**107**	**230**	**495**
	CNEL:	**116**	**251**	**541**

FHWA RD-77-108 NOISE PREDICTION MODEL

Scenario: POST-2035
Roadway: Herndon Avenue
Segment: Temperance to DeWolf

Project: CLOVIS GP UPDATE
Analyst: FS
Date: 16-Jun-14

ROADWAY INPUTS	
ADT	55,900
SPEED (mph)	45
ROAD NEAR-FAR LN. DIST.	72
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.0%	DAY	73.0%
% MT	2.4%	EVENING	14.0%
% HT	0.6%	NIGHT	13.0%

CALCULATION AREA	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	3299	82	20	2530	63	16	783	19	5
Speed in MPH	45	45	45	45	45	45	45	45	45
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	69.3	77.6	82.1	69.3	77.6	82.1	69.3	77.6	82.1
ADJUSTMENTS									
Flow	3.3	-12.7	-18.7	2.2	-13.9	-19.9	-2.9	-19.0	-25.0
Distance	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	68.5	60.7	59.2	67.4	59.6	58.1	62.3	54.5	53.0
VEHICULAR NOISE	DAY=	69.6	Leq	EVENING=	68.5	Leq	NIGHT=	63.4	Leq

RESULTS					
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):				**Ldn=**	**71.3**
				CNEL=	**71.9**
NOISE CONTOUR:			*70 dBA*	*65 dBA*	*60 dBA*
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):	**Ldn:**		**123**	**264**	**569**
	CNEL:		**134**	**288**	**621**

FHWA RD-77-108 NOISE PREDICTION MODEL

Scenario: POST-2035
Roadway: Herndon Avenue
Segment: DeWolf to McCall

Project: CLOVIS GP UPDATE
Analyst: FS
Date: 16-Jun-14

ROADWAY INPUTS	
ADT	33,000
SPEED (mph)	45
ROAD NEAR-FAR LN. DIST.	48
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.0%	DAY	73.0%
% MT	2.4%	EVENING	14.0%
% HT	0.6%	NIGHT	13.0%

CALCULATION AREA	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	1947	48	12	1494	37	9	462	11	3
Speed in MPH	45	45	45	45	45	45	45	45	45
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	69.3	77.6	82.1	69.3	77.6	82.1	69.3	77.6	82.1
ADJUSTMENTS									
Flow	1.1	-15.0	-21.0	-0.1	-16.2	-22.2	-5.2	-21.3	-27.3
Distance	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	66.0	58.2	56.7	64.8	57.0	55.5	59.7	51.9	50.4
VEHICULAR NOISE	DAY=	67.1	Leq	EVENING=	65.9	Leq	NIGHT=	60.8	Leq

RESULTS					
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):				**Ldn=**	**68.8**
				CNEL=	**69.3**
NOISE CONTOUR:			*70 dBA*	*65 dBA*	*60 dBA*
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):	**Ldn:**		**83**	**179**	**385**
	CNEL:		**90**	**195**	**420**

FHWA RD-77-108 NOISE PREDICTION MODEL

Scenario: POST-2035
Roadway: Herndon Avenue
Segment: McCall to Academy

Project: CLOVIS GP UPDATE
Analyst: FS
Date: 16-Jun-14

ROADWAY INPUTS	
ADT	23,500
SPEED (mph)	45
ROAD NEAR-FAR LN. DIST.	48
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.0%	DAY	73.0%
% MT	2.4%	EVENING	14.0%
% HT	0.6%	NIGHT	13.0%

CALCULATION AREA	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	1387	34	9	1064	26	7	329	8	2
Speed in MPH	45	45	45	45	45	45	45	45	45
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	69.3	77.6	82.1	69.3	77.6	82.1	69.3	77.6	82.1
ADJUSTMENTS									
Flow	-0.4	-16.5	-22.5	-1.6	-17.6	-23.7	-6.7	-22.7	-28.7
Distance	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	64.5	56.7	55.2	63.3	55.6	54.1	58.3	50.5	49.0
VEHICULAR NOISE	DAY=	65.6	Leq	EVENING=	64.4	Leq	NIGHT=	59.3	Leq

RESULTS					
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):				**Ldn=**	**67.3**
				CNEL=	**67.9**
NOISE CONTOUR:			*70 dBA*	*65 dBA*	*60 dBA*
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):	**Ldn:**		**66**	**142**	**307**
	CNEL:		**72**	**155**	**335**

FHWA RD-77-108 NOISE PREDICTION MODEL

Scenario: POST-2035
Roadway: Sierra Avenue
Segment: Willow to Villa

Project: CLOVIS GP UPDATE
Analyst: FS
Date: 16-Jun-14

ROADWAY INPUTS	
ADT	11,400
SPEED (mph)	40
ROAD NEAR-FAR LN. DIST.	12
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.0%	DAY	73.0%
% MT	2.4%	EVENING	14.0%
% HT	0.6%	NIGHT	13.0%

CALCULATION AREA	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	673	17	4	516	13	3	160	4	1
Speed in MPH	40	40	40	40	40	40	40	40	40
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	67.4	76.3	81.2	67.4	76.3	81.2	67.4	76.3	81.2
ADJUSTMENTS									
Flow	-3.0	-19.1	-25.1	-4.2	-20.3	-26.3	-9.3	-25.4	-31.4
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	59.7	52.6	51.4	58.6	51.4	50.3	53.5	46.3	45.2
VEHICULAR NOISE	DAY=	61.0	Leq	EVENING=	59.8	Leq	NIGHT=	54.7	Leq

RESULTS					
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):				**Ldn=**	**62.7**
				CNEL=	**63.3**
NOISE CONTOUR:			*70 dBA*	*65 dBA*	*60 dBA*
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		**Ldn:**	**33**	**70**	**151**
		CNEL:	**36**	**77**	**165**

FHWA RD-77-108 NOISE PREDICTION MODEL

Scenario: POST-2035
Roadway: Sierra Avenue
Segment: Villa to Clovis

Project: CLOVIS GP UPDATE
Analyst: FS
Date: 16-Jun-14

ROADWAY INPUTS	
ADT	11,400
SPEED (mph)	40
ROAD NEAR-FAR LN. DIST.	12
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.0%	DAY	73.0%
% MT	2.4%	EVENING	14.0%
% HT	0.6%	NIGHT	13.0%

CALCULATION AREA	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	673	17	4	516	13	3	160	4	1
Speed in MPH	40	40	40	40	40	40	40	40	40
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	67.4	76.3	81.2	67.4	76.3	81.2	67.4	76.3	81.2
ADJUSTMENTS									
Flow	-3.0	-19.1	-25.1	-4.2	-20.3	-26.3	-9.3	-25.4	-31.4
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	59.7	52.6	51.4	58.6	51.4	50.3	53.5	46.3	45.2
VEHICULAR NOISE	DAY=	61.0	Leq	EVENING=	59.8	Leq	NIGHT=	54.7	Leq

RESULTS					
NOISE LEVELS AT	100	FEET FROM CENTERLINE (dBA):		**Ldn=**	**62.7**
				CNEL=	**63.3**
NOISE CONTOUR:				*70 dBA*	*65 dBA*	*60 dBA*
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):			**Ldn:**	**33**	**70**	**151**
			CNEL:	**36**	**77**	**165**

FHWA RD-77-108 NOISE PREDICTION MODEL

Scenario: POST-2035
Roadway: Sierra Avenue
Segment: Fowler to Temperance

Project: CLOVIS GP UPDATE
Analyst: FS
Date: 16-Jun-14

ROADWAY INPUTS	
ADT	4,600
SPEED (mph)	40
ROAD NEAR-FAR LN. DIST.	12
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.0%	DAY	73.0%
% MT	2.4%	EVENING	14.0%
% HT	0.6%	NIGHT	13.0%

CALCULATION AREA	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	271	7	2	208	5	1	64	2	0
Speed in MPH	40	40	40	40	40	40	40	40	40
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	67.4	76.3	81.2	67.4	76.3	81.2	67.4	76.3	81.2
ADJUSTMENTS									
Flow	-7.0	-23.1	-29.1	-8.1	-24.2	-30.2	-13.2	-29.3	-35.3
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	55.8	48.6	47.5	54.6	47.5	46.3	49.5	42.4	41.2
VEHICULAR NOISE	DAY=	57.0	Leq	EVENING=	55.9	Leq	NIGHT=	50.8	Leq

RESULTS					
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):				**Ldn=**	**58.8**
				CNEL=	**59.3**
NOISE CONTOUR:			*70 dBA*	*65 dBA*	*60 dBA*
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):	**Ldn:**		**18**	**38**	**83**
	CNEL:		**19**	**42**	**90**

FHWA RD-77-108 NOISE PREDICTION MODEL

Scenario: POST-2035
Roadway: Third Street
Segment: Sunnyside to Armstrong

Project: CLOVIS GP UPDATE
Analyst: FS
Date: 16-Jun-14

ROADWAY INPUTS	
ADT	15,000
SPEED (mph)	40
ROAD NEAR-FAR LN. DIST.	12
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.0%	DAY	73.0%
% MT	2.4%	EVENING	14.0%
% HT	0.6%	NIGHT	13.0%

CALCULATION AREA	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	885	22	5	679	17	4	210	5	1
Speed in MPH	40	40	40	40	40	40	40	40	40
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	67.4	76.3	81.2	67.4	76.3	81.2	67.4	76.3	81.2
ADJUSTMENTS									
Flow	-1.9	-17.9	-23.9	-3.0	-19.1	-25.1	-8.1	-24.2	-30.2
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	60.9	53.8	52.6	59.7	52.6	51.5	54.7	47.5	46.4
VEHICULAR NOISE	DAY=	62.2	Leq	EVENING=	61.0	Leq	NIGHT=	55.9	Leq

RESULTS					
NOISE LEVELS AT	100	FEET FROM CENTERLINE (dBA):		**Ldn=**	**63.9**
				CNEL=	**64.5**
NOISE CONTOUR:				*70 dBA*	*65 dBA*	*60 dBA*
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):			**Ldn:**	**39**	**84**	**182**
			CNEL:	**43**	**92**	**198**

FHWA RD-77-108 NOISE PREDICTION MODEL

Scenario: POST-2035
Roadway: Tollhouse Road
Segment: Cedar to Willow

Project: CLOVIS GP UPDATE
Analyst: FS
Date: 16-Jun-14

ROADWAY INPUTS	
ADT	46,400
SPEED (mph)	45
ROAD NEAR-FAR LN. DIST.	48
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.0%	DAY	73.0%
% MT	2.4%	EVENING	14.0%
% HT	0.6%	NIGHT	13.0%

CALCULATION AREA	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	2738	68	17	2100	52	13	650	16	4
Speed in MPH	45	45	45	45	45	45	45	45	45
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	69.3	77.6	82.1	69.3	77.6	82.1	69.3	77.6	82.1
ADJUSTMENTS									
Flow	2.5	-13.5	-19.5	1.4	-14.7	-20.7	-3.7	-19.8	-25.8
Distance	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	67.5	59.7	58.2	66.3	58.5	57.0	61.2	53.4	51.9
VEHICULAR NOISE	DAY=	68.5	Leq	EVENING=	67.4	Leq	NIGHT=	62.3	Leq

RESULTS					
NOISE LEVELS AT	100	FEET FROM CENTERLINE (dBA):		**Ldn=**	**70.3**
				CNEL=	**70.8**
NOISE CONTOUR:				*70 dBA*	*65 dBA*	*60 dBA*
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):			**Ldn:**	**104**	**224**	**483**
			CNEL:	**114**	**245**	**527**

FHWA RD-77-108 NOISE PREDICTION MODEL

Scenario: POST-2035
Roadway: Bullard Avenue
Segment: West of Willow

Project: CLOVIS GP UPDATE
Analyst: FS
Date: 16-Jun-14

ROADWAY INPUTS	
ADT	40,000
SPEED (mph)	45
ROAD NEAR-FAR LN. DIST.	48
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.0%	DAY	73.0%
% MT	2.4%	EVENING	14.0%
% HT	0.6%	NIGHT	13.0%

CALCULATION AREA	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	2360	58	15	1811	45	11	560	14	3
Speed in MPH	45	45	45	45	45	45	45	45	45
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	69.3	77.6	82.1	69.3	77.6	82.1	69.3	77.6	82.1
ADJUSTMENTS									
Flow	1.9	-14.2	-20.2	0.7	-15.3	-21.3	-4.4	-20.4	-26.4
Distance	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	66.8	59.0	57.5	65.7	57.9	56.4	60.6	52.8	51.3
VEHICULAR NOISE	DAY=	67.9	Leq	EVENING=	66.7	Leq	NIGHT=	61.7	Leq

RESULTS				
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):			**Ldn=**	**69.6**
			CNEL=	**70.2**
NOISE CONTOUR:		*70 dBA*	*65 dBA*	*60 dBA*
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):	**Ldn:**	**94**	**203**	**438**
	CNEL:	**103**	**222**	**477**

FHWA RD-77-108 NOISE PREDICTION MODEL

Scenario: POST-2035
Roadway: Bullard Avenue
Segment: Willow to SR 168

Project: CLOVIS GP UPDATE
Analyst: FS
Date: 16-Jun-14

ROADWAY INPUTS	
ADT	40,000
SPEED (mph)	45
ROAD NEAR-FAR LN. DIST.	48
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.0%	DAY	73.0%
% MT	2.4%	EVENING	14.0%
% HT	0.6%	NIGHT	13.0%

CALCULATION AREA	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	2360	58	15	1811	45	11	560	14	3
Speed in MPH	45	45	45	45	45	45	45	45	45
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	69.3	77.6	82.1	69.3	77.6	82.1	69.3	77.6	82.1
ADJUSTMENTS									
Flow	1.9	-14.2	-20.2	0.7	-15.3	-21.3	-4.4	-20.4	-26.4
Distance	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	66.8	59.0	57.5	65.7	57.9	56.4	60.6	52.8	51.3
VEHICULAR NOISE	DAY=	67.9	Leq	EVENING=	66.7	Leq	NIGHT=	61.7	Leq

RESULTS				
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):			**Ldn=**	**69.6**
			CNEL=	**70.2**
NOISE CONTOUR:		*70 dBA*	*65 dBA*	*60 dBA*
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):	**Ldn:**	**94**	**203**	**438**
	CNEL:	**103**	**222**	**477**

FHWA RD-77-108 NOISE PREDICTION MODEL

Scenario: POST-2035
Roadway: Bullard Avenue
Segment: SR 168 to Villa

Project: CLOVIS GP UPDATE
Analyst: FS
Date: 16-Jun-14

ROADWAY INPUTS	
ADT	33,800
SPEED (mph)	45
ROAD NEAR-FAR LN. DIST.	48
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.0%	DAY	73.0%
% MT	2.4%	EVENING	14.0%
% HT	0.6%	NIGHT	13.0%

CALCULATION AREA	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	1994	49	12	1530	38	9	474	12	3
Speed in MPH	45	45	45	45	45	45	45	45	45
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	69.3	77.6	82.1	69.3	77.6	82.1	69.3	77.6	82.1
ADJUSTMENTS									
Flow	1.2	-14.9	-20.9	0.0	-16.1	-22.1	-5.1	-21.1	-27.2
Distance	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	66.1	58.3	56.8	64.9	57.1	55.6	59.8	52.0	50.5
VEHICULAR NOISE	DAY=	67.2	Leq	EVENING=	66.0	Leq	NIGHT=	60.9	Leq

RESULTS					
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):				**Ldn=**	**68.9**
				CNEL=	**69.5**
NOISE CONTOUR:			*70 dBA*	*65 dBA*	*60 dBA*
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):	**Ldn:**		**84**	**182**	**391**
	CNEL:		**92**	**198**	**427**

FHWA RD-77-108 NOISE PREDICTION MODEL

Scenario: POST-2035
Roadway: Bullard Avenue
Segment: Villa to Fifth

Project: CLOVIS GP UPDATE
Analyst: FS
Date: 16-Jun-14

ROADWAY INPUTS	
ADT	31,600
SPEED (mph)	45
ROAD NEAR-FAR LN. DIST.	48
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.0%	DAY	73.0%
% MT	2.4%	EVENING	14.0%
% HT	0.6%	NIGHT	13.0%

CALCULATION AREA	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	1865	46	12	1430	35	9	443	11	3
Speed in MPH	45	45	45	45	45	45	45	45	45
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	69.3	77.6	82.1	69.3	77.6	82.1	69.3	77.6	82.1
ADJUSTMENTS									
Flow	0.9	-15.2	-21.2	-0.3	-16.3	-22.4	-5.4	-21.4	-27.5
Distance	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	65.8	58.0	56.5	64.6	56.8	55.3	59.5	51.8	50.3
VEHICULAR NOISE	DAY=	66.9	Leq	EVENING=	65.7	Leq	NIGHT=	60.6	Leq

RESULTS					
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):				**Ldn=**	**68.6**
				CNEL=	**69.2**
NOISE CONTOUR:			*70 dBA*	*65 dBA*	*60 dBA*
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):	**Ldn:**		**81**	**174**	**374**
	CNEL:		**88**	**189**	**408**

FHWA RD-77-108 NOISE PREDICTION MODEL

Scenario: POST-2035
Roadway: Bullard Avenue
Segment: Bullard to Clovis

Project: CLOVIS GP UPDATE
Analyst: FS
Date: 16-Jun-14

ROADWAY INPUTS	
ADT	15,000
SPEED (mph)	40
ROAD NEAR-FAR LN. DIST.	12
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.0%	DAY	73.0%
% MT	2.4%	EVENING	14.0%
% HT	0.6%	NIGHT	13.0%

CALCULATION AREA	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	885	22	5	679	17	4	210	5	1
Speed in MPH	40	40	40	40	40	40	40	40	40
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	67.4	76.3	81.2	67.4	76.3	81.2	67.4	76.3	81.2
ADJUSTMENTS									
Flow	-1.9	-17.9	-23.9	-3.0	-19.1	-25.1	-8.1	-24.2	-30.2
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	60.9	53.8	52.6	59.7	52.6	51.5	54.7	47.5	46.4
VEHICULAR NOISE	DAY=	62.2	Leq	EVENING=	61.0	Leq	NIGHT=	55.9	Leq

RESULTS					
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):				**Ldn=**	**63.9**
				CNEL=	**64.5**
NOISE CONTOUR:			*70 dBA*	*65 dBA*	*60 dBA*
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):	**Ldn:**		**39**	**84**	**182**
	CNEL:		**43**	**92**	**198**

FHWA RD-77-108 NOISE PREDICTION MODEL

Scenario: POST-2035
Roadway: Fifth Street
Segment: Clovis to Sunnyside

Project: CLOVIS GP UPDATE
Analyst: FS
Date: 16-Jun-14

ROADWAY INPUTS	
ADT	12,700
SPEED (mph)	40
ROAD NEAR-FAR LN. DIST.	12
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.0%	DAY	73.0%
% MT	2.4%	EVENING	14.0%
% HT	0.6%	NIGHT	13.0%

CALCULATION AREA	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	749	19	5	575	14	4	178	4	1
Speed in MPH	40	40	40	40	40	40	40	40	40
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	67.4	76.3	81.2	67.4	76.3	81.2	67.4	76.3	81.2
ADJUSTMENTS									
Flow	-2.6	-18.6	-24.7	-3.7	-19.8	-25.8	-8.8	-24.9	-30.9
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	60.2	53.1	51.9	59.0	51.9	50.7	53.9	46.8	45.6
VEHICULAR NOISE	DAY=	61.5	Leq	EVENING=	60.3	Leq	NIGHT=	55.2	Leq

RESULTS					
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):				**Ldn=**	**63.2**
				CNEL=	**63.7**
NOISE CONTOUR:			*70 dBA*	*65 dBA*	*60 dBA*
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):	**Ldn:**		**35**	**76**	**163**
	CNEL:		**38**	**82**	**178**

FHWA RD-77-108 NOISE PREDICTION MODEL

Scenario: POST-2035
Roadway: Bullard Avenue
Segment: Sunnyside to Fowler

Project: CLOVIS GP UPDATE
Analyst: FS
Date: 16-Jun-14

ROADWAY INPUTS	
ADT	19,900
SPEED (mph)	45
ROAD NEAR-FAR LN. DIST.	48
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.0%	DAY	73.0%
% MT	2.4%	EVENING	14.0%
% HT	0.6%	NIGHT	13.0%

CALCULATION AREA	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	1174	29	7	901	22	6	279	7	2
Speed in MPH	45	45	45	45	45	45	45	45	45
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	69.3	77.6	82.1	69.3	77.6	82.1	69.3	77.6	82.1
ADJUSTMENTS									
Flow	-1.1	-17.2	-23.2	-2.3	-18.4	-24.4	-7.4	-23.5	-29.5
Distance	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	63.8	56.0	54.5	62.6	54.8	53.3	57.5	49.7	48.2
VEHICULAR NOISE	DAY=	64.9	Leq	EVENING=	63.7	Leq	NIGHT=	58.6	Leq

RESULTS					
NOISE LEVELS AT	100	FEET FROM CENTERLINE (dBA):		**Ldn=**	**66.6**
				CNEL=	**67.2**
NOISE CONTOUR:				*70 dBA*	*65 dBA*	*60 dBA*
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):			**Ldn:**	**59**	**128**	**275**
			CNEL:	**65**	**139**	**300**

FHWA RD-77-108 NOISE PREDICTION MODEL

Scenario: POST-2035
Roadway: Bullard Avenue
Segment: Fowler to Temperance

Project: CLOVIS GP UPDATE
Analyst: FS
Date: 16-Jun-14

ROADWAY INPUTS	
ADT	19,900
SPEED (mph)	45
ROAD NEAR-FAR LN. DIST.	48
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.0%	DAY	73.0%
% MT	2.4%	EVENING	14.0%
% HT	0.6%	NIGHT	13.0%

CALCULATION AREA	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	1174	29	7	901	22	6	279	7	2
Speed in MPH	45	45	45	45	45	45	45	45	45
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	69.3	77.6	82.1	69.3	77.6	82.1	69.3	77.6	82.1
ADJUSTMENTS									
Flow	-1.1	-17.2	-23.2	-2.3	-18.4	-24.4	-7.4	-23.5	-29.5
Distance	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	63.8	56.0	54.5	62.6	54.8	53.3	57.5	49.7	48.2
VEHICULAR NOISE	DAY=	64.9	Leq	EVENING=	63.7	Leq	NIGHT=	58.6	Leq

RESULTS				
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):			**Ldn=**	**66.6**
			CNEL=	**67.2**
NOISE CONTOUR:		*70 dBA*	*65 dBA*	*60 dBA*
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):	**Ldn:**	**59**	**128**	**275**
	CNEL:	**65**	**139**	**300**

FHWA RD-77-108 NOISE PREDICTION MODEL

Scenario: POST-2035
Roadway: Bullard Avenue
Segment: Temperance and DeWolf

Project: CLOVIS GP UPDATE
Analyst: FS
Date: 16-Jun-14

ROADWAY INPUTS	
ADT	19,200
SPEED (mph)	45
ROAD NEAR-FAR LN. DIST.	48
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.0%	DAY	73.0%
% MT	2.4%	EVENING	14.0%
% HT	0.6%	NIGHT	13.0%

CALCULATION AREA	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	1133	28	7	869	22	5	269	7	2
Speed in MPH	45	45	45	45	45	45	45	45	45
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	69.3	77.6	82.1	69.3	77.6	82.1	69.3	77.6	82.1
ADJUSTMENTS									
Flow	-1.3	-17.4	-23.4	-2.4	-18.5	-24.5	-7.5	-23.6	-29.6
Distance	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	63.6	55.8	54.3	62.5	54.7	53.2	57.4	49.6	48.1
VEHICULAR NOISE	DAY=	64.7	Leq	EVENING=	63.6	Leq	NIGHT=	58.5	Leq

RESULTS					
NOISE LEVELS AT	100	FEET FROM CENTERLINE (dBA):		**Ldn=**	**66.4**
				CNEL=	**67.0**
NOISE CONTOUR:				*70 dBA*	*65 dBA*	*60 dBA*
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):			**Ldn:**	**58**	**125**	**268**
			CNEL:	**63**	**136**	**293**

FHWA RD-77-108 NOISE PREDICTION MODEL

Scenario: POST-2035
Roadway: Barstow Avenue
Segment: Willow to Clovis

Project: CLOVIS GP UPDATE
Analyst: AN
Date: 16-Jun-14

ROADWAY INPUTS	
ADT	16,200
SPEED (mph)	40
ROAD NEAR-FAR LN. DIST.	12
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.0%	DAY	73.0%
% MT	2.4%	EVENING	14.0%
% HT	0.6%	NIGHT	13.0%

CALCULATION AREA	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	956	24	6	733	18	5	227	6	1
Speed in MPH	40	40	40	40	40	40	40	40	40
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	67.4	76.3	81.2	67.4	76.3	81.2	67.4	76.3	81.2
ADJUSTMENTS									
Flow	-1.5	-17.6	-23.6	-2.7	-18.7	-24.8	-7.8	-23.8	-29.9
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	61.2	54.1	52.9	60.1	53.0	51.8	55.0	47.9	46.7
VEHICULAR NOISE	DAY=	62.5	Leq	EVENING=	61.4	Leq	NIGHT=	56.3	Leq

RESULTS					
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):				**Ldn=**	**64.2**
				CNEL=	**64.8**
NOISE CONTOUR:			*70 dBA*	*65 dBA*	*60 dBA*
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):	**Ldn:**		**41**	**89**	**191**
	CNEL:		**45**	**97**	**209**

FHWA RD-77-108 NOISE PREDICTION MODEL

Scenario: POST-2035
Roadway: Barstow Avenue
Segment: Clovis to Fowler

Project: CLOVIS GP UPDATE
Analyst: AN
Date: 16-Jun-14

ROADWAY INPUTS	
ADT	16,200
SPEED (mph)	40
ROAD NEAR-FAR LN. DIST.	12
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.0%	DAY	73.0%
% MT	2.4%	EVENING	14.0%
% HT	0.6%	NIGHT	13.0%

CALCULATION AREA	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	956	24	6	733	18	5	227	6	1
Speed in MPH	40	40	40	40	40	40	40	40	40
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	67.4	76.3	81.2	67.4	76.3	81.2	67.4	76.3	81.2
ADJUSTMENTS									
Flow	-1.5	-17.6	-23.6	-2.7	-18.7	-24.8	-7.8	-23.8	-29.9
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	61.2	54.1	52.9	60.1	53.0	51.8	55.0	47.9	46.7
VEHICULAR NOISE	DAY=	62.5	Leq	EVENING=	61.4	Leq	NIGHT=	56.3	Leq

RESULTS					
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):				**Ldn=**	**64.2**
				CNEL=	**64.8**
NOISE CONTOUR:			*70 dBA*	*65 dBA*	*60 dBA*
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):	**Ldn:**		**41**	**89**	**191**
	CNEL:		**45**	**97**	**209**

FHWA RD-77-108 NOISE PREDICTION MODEL

Scenario: POST-2035
Roadway: Barstow Avenue
Segment: Fowler to Temperance

Project: CLOVIS GP UPDATE
Analyst: AN
Date: 16-Jun-14

ROADWAY INPUTS	
ADT	11,800
SPEED (mph)	40
ROAD NEAR-FAR LN. DIST.	12
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.0%	DAY	73.0%
% MT	2.4%	EVENING	14.0%
% HT	0.6%	NIGHT	13.0%

CALCULATION AREA	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	696	17	4	534	13	3	165	4	1
Speed in MPH	40	40	40	40	40	40	40	40	40
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	67.4	76.3	81.2	67.4	76.3	81.2	67.4	76.3	81.2
ADJUSTMENTS									
Flow	-2.9	-19.0	-25.0	-4.0	-20.1	-26.1	-9.1	-25.2	-31.2
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	59.9	52.7	51.6	58.7	51.6	50.4	53.6	46.5	45.3
VEHICULAR NOISE	DAY=	61.1	Leq	EVENING=	60.0	Leq	NIGHT=	54.9	Leq

RESULTS					
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):				**Ldn=**	**62.9**
				CNEL=	**63.4**
NOISE CONTOUR:			*70 dBA*	*65 dBA*	*60 dBA*
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):	**Ldn:**		**33**	**72**	**155**
	CNEL:		**36**	**78**	**169**

FHWA RD-77-108 NOISE PREDICTION MODEL

Scenario: POST-2035
Roadway: Barstow Avenue
Segment: Temperance to Locan

Project: CLOVIS GP UPDATE
Analyst: AN
Date: 16-Jun-14

ROADWAY INPUTS	
ADT	10,100
SPEED (mph)	40
ROAD NEAR-FAR LN. DIST.	12
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.0%	DAY	73.0%
% MT	2.4%	EVENING	14.0%
% HT	0.6%	NIGHT	13.0%

CALCULATION AREA	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	596	15	4	457	11	3	142	4	1
Speed in MPH	40	40	40	40	40	40	40	40	40
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	67.4	76.3	81.2	67.4	76.3	81.2	67.4	76.3	81.2
ADJUSTMENTS									
Flow	-3.6	-19.6	-25.7	-4.7	-20.8	-26.8	-9.8	-25.9	-31.9
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	59.2	52.1	50.9	58.0	50.9	49.7	52.9	45.8	44.6
VEHICULAR NOISE	DAY=	60.5	Leq	EVENING=	59.3	Leq	NIGHT=	54.2	Leq

RESULTS					
NOISE LEVELS AT	100	FEET FROM CENTERLINE (dBA):		**Ldn=**	**62.2**
				CNEL=	**62.7**
NOISE CONTOUR:				*70 dBA*	*65 dBA*	*60 dBA*
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):			**Ldn:**	**30**	**65**	**140**
			CNEL:	**33**	**71**	**152**

FHWA RD-77-108 NOISE PREDICTION MODEL

Scenario: POST-2035
Roadway: Shaw Avenue
Segment: West of SR 168

Project: CLOVIS GP UPDATE
Analyst: AN
Date: 16-Jun-14

ROADWAY INPUTS	
ADT	53,700
SPEED (mph)	45
ROAD NEAR-FAR LN. DIST.	72
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.0%	DAY	73.0%
% MT	2.4%	EVENING	14.0%
% HT	0.6%	NIGHT	13.0%

CALCULATION AREA	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	3169	78	20	2431	60	15	752	19	5
Speed in MPH	45	45	45	45	45	45	45	45	45
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	69.3	77.6	82.1	69.3	77.6	82.1	69.3	77.6	82.1
ADJUSTMENTS									
Flow	3.2	-12.9	-18.9	2.0	-14.0	-20.1	-3.1	-19.1	-25.2
Distance	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	68.3	60.6	59.1	67.2	59.4	57.9	62.1	54.3	52.8
VEHICULAR NOISE	DAY=	69.4	Leq	EVENING=	68.3	Leq	NIGHT=	63.2	Leq

RESULTS				
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):			**Ldn=**	**71.2**
			CNEL=	**71.7**
NOISE CONTOUR:		*70 dBA*	*65 dBA*	*60 dBA*
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):	**Ldn:**	**119**	**257**	**554**
	CNEL:	**130**	**281**	**605**

FHWA RD-77-108 NOISE PREDICTION MODEL

Scenario: POST-2035
Roadway: Shaw Avenue
Segment: SR 168 to Willow

Project: CLOVIS GP UPDATE
Analyst: AN
Date: 16-Jun-14

ROADWAY INPUTS	
ADT	53,700
SPEED (mph)	45
ROAD NEAR-FAR LN. DIST.	72
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.0%	DAY	73.0%
% MT	2.4%	EVENING	14.0%
% HT	0.6%	NIGHT	13.0%

CALCULATION AREA	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	3169	78	20	2431	60	15	752	19	5
Speed in MPH	45	45	45	45	45	45	45	45	45
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	69.3	77.6	82.1	69.3	77.6	82.1	69.3	77.6	82.1
ADJUSTMENTS									
Flow	3.2	-12.9	-18.9	2.0	-14.0	-20.1	-3.1	-19.1	-25.2
Distance	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	68.3	60.6	59.1	67.2	59.4	57.9	62.1	54.3	52.8
VEHICULAR NOISE	DAY=	69.4	Leq	EVENING=	68.3	Leq	NIGHT=	63.2	Leq

RESULTS					
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):				**Ldn=**	**71.2**
				CNEL=	**71.7**
NOISE CONTOUR:			*70 dBA*	*65 dBA*	*60 dBA*
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):	**Ldn:**		**119**	**257**	**554**
	CNEL:		**130**	**281**	**605**

FHWA RD-77-108 NOISE PREDICTION MODEL

Scenario: POST-2035
Roadway: Shaw Avenue
Segment: Willow to Peach

Project: CLOVIS GP UPDATE
Analyst: AN
Date: 16-Jun-14

ROADWAY INPUTS	
ADT	55,000
SPEED (mph)	45
ROAD NEAR-FAR LN. DIST.	72
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.0%	DAY	73.0%
% MT	2.4%	EVENING	14.0%
% HT	0.6%	NIGHT	13.0%

CALCULATION AREA	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	3245	80	20	2490	62	15	771	19	5
Speed in MPH	45	45	45	45	45	45	45	45	45
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	69.3	77.6	82.1	69.3	77.6	82.1	69.3	77.6	82.1
ADJUSTMENTS									
Flow	3.3	-12.8	-18.8	2.1	-13.9	-20.0	-3.0	-19.0	-25.1
Distance	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	68.5	60.7	59.2	67.3	59.5	58.0	62.2	54.4	52.9
VEHICULAR NOISE	DAY=	69.5	Leq	EVENING=	68.4	Leq	NIGHT=	63.3	Leq

RESULTS					
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):				**Ldn=**	**71.3**
				CNEL=	**71.8**
NOISE CONTOUR:			*70 dBA*	*65 dBA*	*60 dBA*
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):	**Ldn:**		**121**	**261**	**563**
	CNEL:		**132**	**285**	**614**

FHWA RD-77-108 NOISE PREDICTION MODEL

Scenario: POST-2035
Roadway: Shaw Avenue
Segment: Peach to Villa

Project: CLOVIS GP UPDATE
Analyst: AN
Date: 16-Jun-14

ROADWAY INPUTS	
ADT	52,800
SPEED (mph)	45
ROAD NEAR-FAR LN. DIST.	72
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.0%	DAY	73.0%
% MT	2.4%	EVENING	14.0%
% HT	0.6%	NIGHT	13.0%

CALCULATION AREA	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	3116	77	19	2390	59	15	740	18	5
Speed in MPH	45	45	45	45	45	45	45	45	45
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	69.3	77.6	82.1	69.3	77.6	82.1	69.3	77.6	82.1
ADJUSTMENTS									
Flow	3.1	-13.0	-19.0	1.9	-14.1	-20.1	-3.1	-19.2	-25.2
Distance	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	68.3	60.5	59.0	67.1	59.3	57.8	62.0	54.2	52.7
VEHICULAR NOISE	DAY=	69.4	Leq	EVENING=	68.2	Leq	NIGHT=	63.1	Leq

RESULTS					
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):				**Ldn=**	**71.1**
				CNEL=	**71.6**
NOISE CONTOUR:			*70 dBA*	*65 dBA*	*60 dBA*
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):	**Ldn:**		**118**	**254**	**548**
	CNEL:		**129**	**277**	**598**

FHWA RD-77-108 NOISE PREDICTION MODEL

Scenario: POST-2035
Roadway: Shaw Avenue
Segment: Villa to Minnewawa

Project: CLOVIS GP UPDATE
Analyst: AN
Date: 16-Jun-14

ROADWAY INPUTS	
ADT	52,100
SPEED (mph)	45
ROAD NEAR-FAR LN. DIST.	72
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.0%	DAY	73.0%
% MT	2.4%	EVENING	14.0%
% HT	0.6%	NIGHT	13.0%

CALCULATION AREA	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	3074	76	19	2358	58	15	730	18	5
Speed in MPH	45	45	45	45	45	45	45	45	45
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	69.3	77.6	82.1	69.3	77.6	82.1	69.3	77.6	82.1
ADJUSTMENTS									
Flow	3.0	-13.0	-19.0	1.9	-14.2	-20.2	-3.2	-19.3	-25.3
Distance	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	68.2	60.4	58.9	67.1	59.3	57.8	62.0	54.2	52.7
VEHICULAR NOISE	DAY=	69.3	Leq	EVENING=	68.2	Leq	NIGHT=	63.1	Leq

RESULTS					
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):				**Ldn=**	**71.0**
				CNEL=	**71.6**
NOISE CONTOUR:			*70 dBA*	*65 dBA*	*60 dBA*
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		**Ldn:**	**117**	**252**	**543**
		CNEL:	**128**	**275**	**592**

FHWA RD-77-108 NOISE PREDICTION MODEL

Scenario: POST-2035
Roadway: Shaw Avenue
Segment: Minnewawa to Clovis

Project: CLOVIS GP UPDATE
Analyst: AN
Date: 16-Jun-14

ROADWAY INPUTS	
ADT	62,000
SPEED (mph)	45
ROAD NEAR-FAR LN. DIST.	72
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.0%	DAY	73.0%
% MT	2.4%	EVENING	14.0%
% HT	0.6%	NIGHT	13.0%

CALCULATION AREA	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	3659	91	23	2807	69	17	869	21	5
Speed in MPH	45	45	45	45	45	45	45	45	45
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	69.3	77.6	82.1	69.3	77.6	82.1	69.3	77.6	82.1
ADJUSTMENTS									
Flow	3.8	-12.3	-18.3	2.6	-13.4	-19.4	-2.4	-18.5	-24.5
Distance	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	69.0	61.2	59.7	67.8	60.0	58.5	62.7	54.9	53.4
VEHICULAR NOISE	DAY=	70.1	Leq	EVENING=	68.9	Leq	NIGHT=	63.8	Leq

RESULTS					
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):				**Ldn=**	**71.8**
				CNEL=	**72.3**
NOISE CONTOUR:			*70 dBA*	*65 dBA*	*60 dBA*
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):	**Ldn:**		**131**	**283**	**610**
	CNEL:		**143**	**309**	**665**

FHWA RD-77-108 NOISE PREDICTION MODEL

Scenario: POST-2035
Roadway: Shaw Avenue
Segment: Clovis to Sunnyside

Project: CLOVIS GP UPDATE
Analyst: AN
Date: 16-Jun-14

ROADWAY INPUTS	
ADT	48,700
SPEED (mph)	45
ROAD NEAR-FAR LN. DIST.	72
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.0%	DAY	73.0%
% MT	2.4%	EVENING	14.0%
% HT	0.6%	NIGHT	13.0%

CALCULATION AREA	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	2874	71	18	2204	55	14	682	17	4
Speed in MPH	45	45	45	45	45	45	45	45	45
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	69.3	77.6	82.1	69.3	77.6	82.1	69.3	77.6	82.1
ADJUSTMENTS									
Flow	2.7	-13.3	-19.3	1.6	-14.5	-20.5	-3.5	-19.6	-25.6
Distance	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	67.9	60.1	58.6	66.8	59.0	57.5	61.7	53.9	52.4
VEHICULAR NOISE	DAY=	69.0	Leq	EVENING=	67.9	Leq	NIGHT=	62.8	Leq

RESULTS					
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):				**Ldn=**	**70.7**
				CNEL=	**71.3**
NOISE CONTOUR:			*70 dBA*	*65 dBA*	*60 dBA*
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):	**Ldn:**		**112**	**241**	**519**
	CNEL:		**122**	**263**	**566**

FHWA RD-77-108 NOISE PREDICTION MODEL

Scenario: POST-2035
Roadway: Shaw Avenue
Segment: Sunnyside to Fowler

Project: CLOVIS GP UPDATE
Analyst: AN
Date: 16-Jun-14

ROADWAY INPUTS	
ADT	43,700
SPEED (mph)	45
ROAD NEAR-FAR LN. DIST.	72
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.0%	DAY	73.0%
% MT	2.4%	EVENING	14.0%
% HT	0.6%	NIGHT	13.0%

CALCULATION AREA	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	2579	64	16	1978	49	12	612	15	4
Speed in MPH	45	45	45	45	45	45	45	45	45
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	69.3	77.6	82.1	69.3	77.6	82.1	69.3	77.6	82.1
ADJUSTMENTS									
Flow	2.3	-13.8	-19.8	1.1	-14.9	-21.0	-4.0	-20.0	-26.1
Distance	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	67.5	59.7	58.2	66.3	58.5	57.0	61.2	53.4	51.9
VEHICULAR NOISE	DAY=	68.5	Leq	EVENING=	67.4	Leq	NIGHT=	62.3	Leq

RESULTS					
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):				**Ldn=**	**70.3**
				CNEL=	**70.8**
NOISE CONTOUR:			*70 dBA*	*65 dBA*	*60 dBA*
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):	**Ldn:**		**104**	**224**	**483**
	CNEL:		**114**	**245**	**527**

FHWA RD-77-108 NOISE PREDICTION MODEL

Scenario: POST-2035
Roadway: Shaw Avenue
Segment: Fowler to Temperance

Project: CLOVIS GP UPDATE
Analyst: AN
Date: 16-Jun-14

ROADWAY INPUTS	
ADT	50,000
SPEED (mph)	45
ROAD NEAR-FAR LN. DIST.	72
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.0%	DAY	73.0%
% MT	2.4%	EVENING	14.0%
% HT	0.6%	NIGHT	13.0%

CALCULATION AREA	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	2950	73	18	2263	56	14	701	17	4
Speed in MPH	45	45	45	45	45	45	45	45	45
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	69.3	77.6	82.1	69.3	77.6	82.1	69.3	77.6	82.1
ADJUSTMENTS									
Flow	2.9	-13.2	-19.2	1.7	-14.4	-20.4	-3.4	-19.4	-25.5
Distance	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	68.0	60.2	58.7	66.9	59.1	57.6	61.8	54.0	52.5
VEHICULAR NOISE	DAY=	69.1	Leq	EVENING=	68.0	Leq	NIGHT=	62.9	Leq

RESULTS					
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):				**Ldn=**	**70.8**
				CNEL=	**71.4**
NOISE CONTOUR:			*70 dBA*	*65 dBA*	*60 dBA*
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):	**Ldn:**		**114**	**245**	**528**
	CNEL:		**124**	**268**	**576**

FHWA RD-77-108 NOISE PREDICTION MODEL

Scenario: POST-2035
Roadway: Shaw Avenue
Segment: Temperance to DeWolf

Project: CLOVIS GP UPDATE
Analyst: AN
Date: 16-Jun-14

ROADWAY INPUTS	
ADT	58,700
SPEED (mph)	45
ROAD NEAR-FAR LN. DIST.	72
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.0%	DAY	73.0%
% MT	2.4%	EVENING	14.0%
% HT	0.6%	NIGHT	13.0%

CALCULATION AREA	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	3464	86	21	2657	66	16	822	20	5
Speed in MPH	45	45	45	45	45	45	45	45	45
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	69.3	77.6	82.1	69.3	77.6	82.1	69.3	77.6	82.1
ADJUSTMENTS									
Flow	3.6	-12.5	-18.5	2.4	-13.7	-19.7	-2.7	-18.8	-24.8
Distance	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	68.7	60.9	59.4	67.6	59.8	58.3	62.5	54.7	53.2
VEHICULAR NOISE	DAY=	69.8	Leq	EVENING=	68.7	Leq	NIGHT=	63.6	Leq

RESULTS					
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):				**Ldn=**	**71.5**
				CNEL=	**72.1**
NOISE CONTOUR:			*70 dBA*	*65 dBA*	*60 dBA*
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):	**Ldn:**		**127**	**273**	**588**
	CNEL:		**138**	**298**	**642**

FHWA RD-77-108 NOISE PREDICTION MODEL

Scenario: POST-2035
Roadway: Shaw Avenue
Segment: DeWolf to McCall

Project: CLOVIS GP UPDATE
Analyst: AN
Date: 16-Jun-14

ROADWAY INPUTS	
ADT	58,400
SPEED (mph)	45
ROAD NEAR-FAR LN. DIST.	72
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.0%	DAY	73.0%
% MT	2.4%	EVENING	14.0%
% HT	0.6%	NIGHT	13.0%

CALCULATION AREA	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	3446	85	21	2644	65	16	818	20	5
Speed in MPH	45	45	45	45	45	45	45	45	45
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	69.3	77.6	82.1	69.3	77.6	82.1	69.3	77.6	82.1
ADJUSTMENTS									
Flow	3.5	-12.5	-18.6	2.4	-13.7	-19.7	-2.7	-18.8	-24.8
Distance	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	68.7	60.9	59.4	67.6	59.8	58.3	62.5	54.7	53.2
VEHICULAR NOISE	DAY=	69.8	Leq	EVENING=	68.6	Leq	NIGHT=	63.6	Leq

RESULTS					
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):				**Ldn=**	**71.5**
				CNEL=	**72.1**
NOISE CONTOUR:			*70 dBA*	*65 dBA*	*60 dBA*
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):	**Ldn:**		**126**	**272**	**586**
	CNEL:		**138**	**297**	**639**

FHWA RD-77-108 NOISE PREDICTION MODEL

Scenario: POST-2035
Roadway: Shaw Avenue
Segment: McCall to Academy

Project: CLOVIS GP UPDATE
Analyst: AN
Date: 16-Jun-14

ROADWAY INPUTS	
ADT	16,300
SPEED (mph)	45
ROAD NEAR-FAR LN. DIST.	48
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.0%	DAY	73.0%
% MT	2.4%	EVENING	14.0%
% HT	0.6%	NIGHT	13.0%

CALCULATION AREA	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	962	24	6	738	18	5	228	6	1
Speed in MPH	45	45	45	45	45	45	45	45	45
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	69.3	77.6	82.1	69.3	77.6	82.1	69.3	77.6	82.1
ADJUSTMENTS									
Flow	-2.0	-18.1	-24.1	-3.2	-19.2	-25.2	-8.3	-24.3	-30.3
Distance	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	62.9	55.1	53.6	61.8	54.0	52.5	56.7	48.9	47.4
VEHICULAR NOISE	DAY=	64.0	Leq	EVENING=	62.8	Leq	NIGHT=	57.8	Leq

RESULTS					
NOISE LEVELS AT	100	FEET FROM CENTERLINE (dBA):		**Ldn=**	**65.7**
				CNEL=	**66.3**
NOISE CONTOUR:				*70 dBA*	*65 dBA*	*60 dBA*
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):			**Ldn:**	**52**	**112**	**241**
			CNEL:	**57**	**122**	**262**

FHWA RD-77-108 NOISE PREDICTION MODEL

Scenario: POST-2035
Roadway: Gettysburg Avenue
Segment: West of Willow

Project: CLOVIS GP UPDATE
Analyst: AN
Date: 16-Jun-14

ROADWAY INPUTS	
ADT	9,100
SPEED (mph)	40
ROAD NEAR-FAR LN. DIST.	12
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.0%	DAY	73.0%
% MT	2.4%	EVENING	14.0%
% HT	0.6%	NIGHT	13.0%

CALCULATION AREA	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	537	13	3	412	10	3	128	3	1
Speed in MPH	40	40	40	40	40	40	40	40	40
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	67.4	76.3	81.2	67.4	76.3	81.2	67.4	76.3	81.2
ADJUSTMENTS									
Flow	-4.0	-20.1	-26.1	-5.2	-21.2	-27.3	-10.3	-26.3	-32.4
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	58.7	51.6	50.4	57.6	50.5	49.3	52.5	45.4	44.2
VEHICULAR NOISE	DAY=	60.0	Leq	EVENING=	58.9	Leq	NIGHT=	53.8	Leq

RESULTS					
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):				**Ldn=**	**61.7**
				CNEL=	**62.3**
NOISE CONTOUR:			*70 dBA*	*65 dBA*	*60 dBA*
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):	**Ldn:**		**28**	**60**	**130**
	CNEL:		**31**	**66**	**142**

FHWA RD-77-108 NOISE PREDICTION MODEL

Scenario: POST-2035
Roadway: Gettysburg Avenue
Segment: Willow to Minnewawa

Project: CLOVIS GP UPDATE
Analyst: AN
Date: 16-Jun-14

ROADWAY INPUTS	
ADT	9,100
SPEED (mph)	40
ROAD NEAR-FAR LN. DIST.	12
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.0%	DAY	73.0%
% MT	2.4%	EVENING	14.0%
% HT	0.6%	NIGHT	13.0%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	537	13	3	412	10	3	128	3	1
Speed in MPH	40	40	40	40	40	40	40	40	40
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	67.4	76.3	81.2	67.4	76.3	81.2	67.4	76.3	81.2
ADJUSTMENTS									
Flow	-4.0	-20.1	-26.1	-5.2	-21.2	-27.3	-10.3	-26.3	-32.4
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	58.7	51.6	50.4	57.6	50.5	49.3	52.5	45.4	44.2
VEHICULAR NOISE	DAY=	60.0	Leq	EVENING=	58.9	Leq	NIGHT=	53.8	Leq

RESULTS					
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):				**Ldn=**	**61.7**
				CNEL=	**62.3**
NOISE CONTOUR:			*70 dBA*	*65 dBA*	*60 dBA*
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):	**Ldn:**		**28**	**60**	**130**
	CNEL:		**31**	**66**	**142**

FHWA RD-77-108 NOISE PREDICTION MODEL

Scenario: POST-2035
Roadway: Gettysburg Avenue
Segment: Clovis to Fowler

Project: CLOVIS GP UPDATE
Analyst: AN
Date: 16-Jun-14

ROADWAY INPUTS	
ADT	16,800
SPEED (mph)	45
ROAD NEAR-FAR LN. DIST.	48
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.0%	DAY	73.0%
% MT	2.4%	EVENING	14.0%
% HT	0.6%	NIGHT	13.0%

CALCULATION AREA	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	991	25	6	760	19	5	235	6	1
Speed in MPH	45	45	45	45	45	45	45	45	45
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	69.3	77.6	82.1	69.3	77.6	82.1	69.3	77.6	82.1
ADJUSTMENTS									
Flow	-1.9	-17.9	-24.0	-3.0	-19.1	-25.1	-8.1	-24.2	-30.2
Distance	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	63.0	55.3	53.8	61.9	54.1	52.6	56.8	49.0	47.5
VEHICULAR NOISE	DAY=	64.1	Leq	EVENING=	63.0	Leq	NIGHT=	57.9	Leq

RESULTS					
NOISE LEVELS AT	100	FEET FROM CENTERLINE (dBA):		**Ldn=**	**65.8**
				CNEL=	**66.4**
NOISE CONTOUR:				*70 dBA*	*65 dBA*	*60 dBA*
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):			**Ldn:**	**53**	**114**	**245**
			CNEL:	**58**	**124**	**268**

FHWA RD-77-108 NOISE PREDICTION MODEL

Scenario: POST-2035
Roadway: Gettysburg Avenue
Segment: Fowler to Temperance

Project: CLOVIS GP UPDATE
Analyst: AN
Date: 16-Jun-14

ROADWAY INPUTS	
ADT	9,700
SPEED (mph)	40
ROAD NEAR-FAR LN. DIST.	12
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.0%	DAY	73.0%
% MT	2.4%	EVENING	14.0%
% HT	0.6%	NIGHT	13.0%

CALCULATION AREA	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	572	14	4	439	11	3	136	3	1
Speed in MPH	40	40	40	40	40	40	40	40	40
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	67.4	76.3	81.2	67.4	76.3	81.2	67.4	76.3	81.2
ADJUSTMENTS									
Flow	-3.7	-19.8	-25.8	-4.9	-21.0	-27.0	-10.0	-26.1	-32.1
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	59.0	51.9	50.7	57.9	50.7	49.6	52.8	45.6	44.5
VEHICULAR NOISE	DAY=	60.3	Leq	EVENING=	59.1	Leq	NIGHT=	54.0	Leq

RESULTS					
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):				**Ldn=**	**62.0**
				CNEL=	**62.6**
NOISE CONTOUR:			*70 dBA*	*65 dBA*	*60 dBA*
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		**Ldn:**	**29**	**63**	**136**
		CNEL:	**32**	**69**	**148**

FHWA RD-77-108 NOISE PREDICTION MODEL

Scenario: POST-2035
Roadway: Gettysburg Avenue
Segment: Temperance to DeWolf

Project: CLOVIS GP UPDATE
Analyst: AN
Date: 16-Jun-14

ROADWAY INPUTS	
ADT	9,200
SPEED (mph)	40
ROAD NEAR-FAR LN. DIST.	12
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.0%	DAY	73.0%
% MT	2.4%	EVENING	14.0%
% HT	0.6%	NIGHT	13.0%

CALCULATION AREA	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	543	13	3	416	10	3	129	3	1
Speed in MPH	40	40	40	40	40	40	40	40	40
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	67.4	76.3	81.2	67.4	76.3	81.2	67.4	76.3	81.2
ADJUSTMENTS									
Flow	-4.0	-20.0	-26.1	-5.1	-21.2	-27.2	-10.2	-26.3	-32.3
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	58.8	51.7	50.5	57.6	50.5	49.3	52.5	45.4	44.2
VEHICULAR NOISE	DAY=	60.1	Leq	EVENING=	58.9	Leq	NIGHT=	53.8	Leq

RESULTS					
NOISE LEVELS AT	100	FEET FROM CENTERLINE (dBA):		**Ldn=**	**61.8**
				CNEL=	**62.3**
NOISE CONTOUR:				*70 dBA*	*65 dBA*	*60 dBA*
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):			**Ldn:**	**28**	**61**	**131**
			CNEL:	**31**	**66**	**143**

FHWA RD-77-108 NOISE PREDICTION MODEL

Scenario: POST-2035
Roadway: Gettysburg Avenue
Segment: DeWolf to Leonard

Project: CLOVIS GP UPDATE
Analyst: AN
Date: 16-Jun-14

ROADWAY INPUTS	
ADT	10,800
SPEED (mph)	40
ROAD NEAR-FAR LN. DIST.	12
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.0%	DAY	73.0%
% MT	2.4%	EVENING	14.0%
% HT	0.6%	NIGHT	13.0%

CALCULATION AREA	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	637	16	4	489	12	3	151	4	1
Speed in MPH	40	40	40	40	40	40	40	40	40
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	67.4	76.3	81.2	67.4	76.3	81.2	67.4	76.3	81.2
ADJUSTMENTS									
Flow	-3.3	-19.3	-25.4	-4.4	-20.5	-26.5	-9.5	-25.6	-31.6
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	59.5	52.4	51.2	58.3	51.2	50.0	53.2	46.1	44.9
VEHICULAR NOISE	DAY=	60.7	Leq	EVENING=	59.6	Leq	NIGHT=	54.5	Leq

RESULTS					
NOISE LEVELS AT	100	FEET FROM CENTERLINE (dBA):		**Ldn=**	**62.5**
				CNEL=	**63.0**
NOISE CONTOUR:				*70 dBA*	*65 dBA*	*60 dBA*
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):			**Ldn:**	**31**	**68**	**146**
			CNEL:	**34**	**74**	**159**

FHWA RD-77-108 NOISE PREDICTION MODEL

Scenario: POST-2035
Roadway: Ashlan Avenue
Segment: SR 168 to Willow

Project: CLOVIS GP UPDATE
Analyst: AN
Date: 16-Jun-14

ROADWAY INPUTS	
ADT	35,100
SPEED (mph)	45
ROAD NEAR-FAR LN. DIST.	48
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.0%	DAY	73.0%
% MT	2.4%	EVENING	14.0%
% HT	0.6%	NIGHT	13.0%

CALCULATION AREA	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	2071	51	13	1589	39	10	492	12	3
Speed in MPH	45	45	45	45	45	45	45	45	45
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	69.3	77.6	82.1	69.3	77.6	82.1	69.3	77.6	82.1
ADJUSTMENTS									
Flow	1.3	-14.7	-20.8	0.2	-15.9	-21.9	-4.9	-21.0	-27.0
Distance	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	66.2	58.5	57.0	65.1	57.3	55.8	60.0	52.2	50.7
VEHICULAR NOISE	DAY=	67.3	Leq	EVENING=	66.2	Leq	NIGHT=	61.1	Leq

RESULTS					
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):				**Ldn=**	**69.0**
				CNEL=	**69.6**
NOISE CONTOUR:			*70 dBA*	*65 dBA*	*60 dBA*
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):	**Ldn:**		**86**	**186**	**401**
	CNEL:		**94**	**203**	**438**

FHWA RD-77-108 NOISE PREDICTION MODEL

Scenario: POST-2035
Roadway: Ashlan Avenue
Segment: Willow to Peach

Project: CLOVIS GP UPDATE
Analyst: AN
Date: 16-Jun-14

ROADWAY INPUTS	
ADT	35,100
SPEED (mph)	45
ROAD NEAR-FAR LN. DIST.	48
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.0%	DAY	73.0%
% MT	2.4%	EVENING	14.0%
% HT	0.6%	NIGHT	13.0%

CALCULATION AREA	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	2071	51	13	1589	39	10	492	12	3
Speed in MPH	45	45	45	45	45	45	45	45	45
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	69.3	77.6	82.1	69.3	77.6	82.1	69.3	77.6	82.1
ADJUSTMENTS									
Flow	1.3	-14.7	-20.8	0.2	-15.9	-21.9	-4.9	-21.0	-27.0
Distance	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	66.2	58.5	57.0	65.1	57.3	55.8	60.0	52.2	50.7
VEHICULAR NOISE	DAY=	67.3	Leq	EVENING=	66.2	Leq	NIGHT=	61.1	Leq

RESULTS					
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):				**Ldn=**	**69.0**
				CNEL=	**69.6**
NOISE CONTOUR:			*70 dBA*	*65 dBA*	*60 dBA*
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):	**Ldn:**		**86**	**186**	**401**
	CNEL:		**94**	**203**	**438**

FHWA RD-77-108 NOISE PREDICTION MODEL

Scenario: POST-2035
Roadway: Ashlan Avenue
Segment: Peach to Minnewawa

Project: CLOVIS GP UPDATE
Analyst: AN
Date: 16-Jun-14

ROADWAY INPUTS	
ADT	33,700
SPEED (mph)	45
ROAD NEAR-FAR LN. DIST.	48
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.0%	DAY	73.0%
% MT	2.4%	EVENING	14.0%
% HT	0.6%	NIGHT	13.0%

CALCULATION AREA	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	1989	49	12	1525	38	9	472	12	3
Speed in MPH	45	45	45	45	45	45	45	45	45
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	69.3	77.6	82.1	69.3	77.6	82.1	69.3	77.6	82.1
ADJUSTMENTS									
Flow	1.1	-14.9	-20.9	0.0	-16.1	-22.1	-5.1	-21.2	-27.2
Distance	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	66.1	58.3	56.8	64.9	57.1	55.6	59.8	52.0	50.5
VEHICULAR NOISE	DAY=	67.2	Leq	EVENING=	66.0	Leq	NIGHT=	60.9	Leq

RESULTS					
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):				**Ldn=**	**68.9**
				CNEL=	**69.4**
NOISE CONTOUR:			*70 dBA*	*65 dBA*	*60 dBA*
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):	**Ldn:**		**84**	**181**	**390**
	CNEL:		**92**	**198**	**426**

FHWA RD-77-108 NOISE PREDICTION MODEL

Scenario: POST-2035
Roadway: Ashlan Avenue
Segment: Minnewawa to Clovis

Project: CLOVIS GP UPDATE
Analyst: AN
Date: 16-Jun-14

ROADWAY INPUTS	
ADT	25,600
SPEED (mph)	40
ROAD NEAR-FAR LN. DIST.	12
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.0%	DAY	73.0%
% MT	2.4%	EVENING	14.0%
% HT	0.6%	NIGHT	13.0%

CALCULATION AREA	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	1511	37	9	1159	29	7	359	9	2
Speed in MPH	40	40	40	40	40	40	40	40	40
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	67.4	76.3	81.2	67.4	76.3	81.2	67.4	76.3	81.2
ADJUSTMENTS									
Flow	0.5	-15.6	-21.6	-0.7	-16.8	-22.8	-5.8	-21.8	-27.9
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	63.2	56.1	54.9	62.1	55.0	53.8	57.0	49.9	48.7
VEHICULAR NOISE	DAY=	64.5	Leq	EVENING=	63.3	Leq	NIGHT=	58.3	Leq

RESULTS					
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):				**Ldn=**	**66.2**
				CNEL=	**66.8**
NOISE CONTOUR:			*70 dBA*	*65 dBA*	*60 dBA*
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):	**Ldn:**		**56**	**121**	**260**
	CNEL:		**61**	**132**	**283**

FHWA RD-77-108 NOISE PREDICTION MODEL

Scenario: POST-2035
Roadway: Ashlan Avenue
Segment: Clovis to Sunnyside

Project: CLOVIS GP UPDATE
Analyst: AN
Date: 16-Jun-14

ROADWAY INPUTS	
ADT	21,900
SPEED (mph)	40
ROAD NEAR-FAR LN. DIST.	12
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.0%	DAY	73.0%
% MT	2.4%	EVENING	14.0%
% HT	0.6%	NIGHT	13.0%

CALCULATION AREA	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	1292	32	8	991	25	6	307	8	2
Speed in MPH	40	40	40	40	40	40	40	40	40
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	67.4	76.3	81.2	67.4	76.3	81.2	67.4	76.3	81.2
ADJUSTMENTS									
Flow	-0.2	-16.3	-22.3	-1.4	-17.4	-23.5	-6.5	-22.5	-28.5
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	62.5	55.4	54.3	61.4	54.3	53.1	56.3	49.2	48.0
VEHICULAR NOISE	DAY=	63.8	Leq	EVENING=	62.7	Leq	NIGHT=	57.6	Leq

RESULTS					
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):				**Ldn=**	**65.5**
				CNEL=	**66.1**
NOISE CONTOUR:			*70 dBA*	*65 dBA*	*60 dBA*
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):	**Ldn:**		**50**	**109**	**234**
	CNEL:		**55**	**119**	**255**

FHWA RD-77-108 NOISE PREDICTION MODEL

Scenario: POST-2035
Roadway: Ashlan Avenue
Segment: Sunnyside to Fowler

Project: CLOVIS GP UPDATE
Analyst: AN
Date: 16-Jun-14

ROADWAY INPUTS	
ADT	28,200
SPEED (mph)	45
ROAD NEAR-FAR LN. DIST.	48
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.0%	DAY	73.0%
% MT	2.4%	EVENING	14.0%
% HT	0.6%	NIGHT	13.0%

CALCULATION AREA	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	1664	41	10	1277	32	8	395	10	2
Speed in MPH	45	45	45	45	45	45	45	45	45
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	69.3	77.6	82.1	69.3	77.6	82.1	69.3	77.6	82.1
ADJUSTMENTS									
Flow	0.4	-15.7	-21.7	-0.8	-16.8	-22.9	-5.9	-21.9	-28.0
Distance	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	65.3	57.5	56.0	64.1	56.4	54.9	59.0	51.3	49.8
VEHICULAR NOISE	DAY=	66.4	Leq	EVENING=	65.2	Leq	NIGHT=	60.1	Leq

RESULTS					
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):				**Ldn=**	**68.1**
				CNEL=	**68.7**
NOISE CONTOUR:			*70 dBA*	*65 dBA*	*60 dBA*
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):	**Ldn:**		**75**	**161**	**347**
	CNEL:		**81**	**176**	**378**

FHWA RD-77-108 NOISE PREDICTION MODEL

Scenario: POST-2035
Roadway: Ashlan Avenue
Segment: Fowler to Temperance

Project: CLOVIS GP UPDATE
Analyst: AN
Date: 16-Jun-14

ROADWAY INPUTS	
ADT	27,500
SPEED (mph)	45
ROAD NEAR-FAR LN. DIST.	48
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.0%	DAY	73.0%
% MT	2.4%	EVENING	14.0%
% HT	0.6%	NIGHT	13.0%

CALCULATION AREA	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	1623	40	10	1245	31	8	385	10	2
Speed in MPH	45	45	45	45	45	45	45	45	45
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	69.3	77.6	82.1	69.3	77.6	82.1	69.3	77.6	82.1
ADJUSTMENTS									
Flow	0.3	-15.8	-21.8	-0.9	-17.0	-23.0	-6.0	-22.0	-28.1
Distance	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	65.2	57.4	55.9	64.0	56.2	54.7	58.9	51.1	49.6
VEHICULAR NOISE	DAY=	66.3	Leq	EVENING=	65.1	Leq	NIGHT=	60.0	Leq

RESULTS					
NOISE LEVELS AT	100	FEET FROM CENTERLINE (dBA):		**Ldn=**	**68.0**
				CNEL=	**68.6**
NOISE CONTOUR:				*70 dBA*	*65 dBA*	*60 dBA*
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):			**Ldn:**	**73**	**158**	**341**
			CNEL:	**80**	**173**	**372**

FHWA RD-77-108 NOISE PREDICTION MODEL

Scenario: POST-2035
Roadway: Ashlan Avenue
Segment: Temperance to DeWolf

Project: CLOVIS GP UPDATE
Analyst: AN
Date: 16-Jun-14

ROADWAY INPUTS	
ADT	35,400
SPEED (mph)	45
ROAD NEAR-FAR LN. DIST.	48
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.0%	DAY	73.0%
% MT	2.4%	EVENING	14.0%
% HT	0.6%	NIGHT	13.0%

CALCULATION AREA	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	2089	52	13	1602	40	10	496	12	3
Speed in MPH	45	45	45	45	45	45	45	45	45
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	69.3	77.6	82.1	69.3	77.6	82.1	69.3	77.6	82.1
ADJUSTMENTS									
Flow	1.4	-14.7	-20.7	0.2	-15.9	-21.9	-4.9	-20.9	-27.0
Distance	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	66.3	58.5	57.0	65.1	57.3	55.8	60.0	52.2	50.7
VEHICULAR NOISE	DAY=	67.4	Leq	EVENING=	66.2	Leq	NIGHT=	61.1	Leq

RESULTS					
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):				**Ldn=**	**69.1**
				CNEL=	**69.7**
NOISE CONTOUR:			*70 dBA*	*65 dBA*	*60 dBA*
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		**Ldn:**	**87**	**187**	**403**
		CNEL:	**95**	**204**	**440**

FHWA RD-77-108 NOISE PREDICTION MODEL

Scenario: POST-2035
Roadway: Ashlan Avenue
Segment: DeWolf to McCall

Project: CLOVIS GP UPDATE
Analyst: AN
Date: 16-Jun-14

ROADWAY INPUTS	
ADT	24,400
SPEED (mph)	45
ROAD NEAR-FAR LN. DIST.	48
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.0%	DAY	73.0%
% MT	2.4%	EVENING	14.0%
% HT	0.6%	NIGHT	13.0%

CALCULATION AREA	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	1440	36	9	1105	27	7	342	8	2
Speed in MPH	45	45	45	45	45	45	45	45	45
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	69.3	77.6	82.1	69.3	77.6	82.1	69.3	77.6	82.1
ADJUSTMENTS									
Flow	-0.3	-16.3	-22.3	-1.4	-17.5	-23.5	-6.5	-22.6	-28.6
Distance	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	64.7	56.9	55.4	63.5	55.7	54.2	58.4	50.6	49.1
VEHICULAR NOISE	DAY=	65.7	Leq	EVENING=	64.6	Leq	NIGHT=	59.5	Leq

RESULTS					
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):				**Ldn=**	**67.5**
				CNEL=	**68.0**
NOISE CONTOUR:			*70 dBA*	*65 dBA*	*60 dBA*
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):	**Ldn:**		**68**	**146**	**315**
	CNEL:		**74**	**159**	**343**

FHWA RD-77-108 NOISE PREDICTION MODEL

Scenario: POST-2035
Roadway: Ashlan Avenue
Segment: McCall to Academy

Project: CLOVIS GP UPDATE
Analyst: AN
Date: 16-Jun-14

ROADWAY INPUTS	
ADT	11,300
SPEED (mph)	40
ROAD NEAR-FAR LN. DIST.	12
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.0%	DAY	73.0%
% MT	2.4%	EVENING	14.0%
% HT	0.6%	NIGHT	13.0%

CALCULATION AREA	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	667	16	4	512	13	3	158	4	1
Speed in MPH	40	40	40	40	40	40	40	40	40
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	67.4	76.3	81.2	67.4	76.3	81.2	67.4	76.3	81.2
ADJUSTMENTS									
Flow	-3.1	-19.2	-25.2	-4.2	-20.3	-26.3	-9.3	-25.4	-31.4
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	59.7	52.6	51.4	58.5	51.4	50.2	53.4	46.3	45.1
VEHICULAR NOISE	DAY=	60.9	Leq	EVENING=	59.8	Leq	NIGHT=	54.7	Leq

RESULTS					
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):				**Ldn=**	**62.7**
				CNEL=	**63.2**
NOISE CONTOUR:			*70 dBA*	*65 dBA*	*60 dBA*
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):	**Ldn:**		**32**	**70**	**151**
	CNEL:		**35**	**76**	**164**

FHWA RD-77-108 NOISE PREDICTION MODEL

Scenario: POST-2035
Roadway: Dakota Avenue
Segment: Dakota to Clovis

Project: CLOVIS GP UPDATE
Analyst: AN
Date: 16-Jun-14

ROADWAY INPUTS	
ADT	35,000
SPEED (mph)	45
ROAD NEAR-FAR LN. DIST.	48
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.0%	DAY	73.0%
% MT	2.4%	EVENING	14.0%
% HT	0.6%	NIGHT	13.0%

CALCULATION AREA	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	2065	51	13	1584	39	10	490	12	3
Speed in MPH	45	45	45	45	45	45	45	45	45
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	69.3	77.6	82.1	69.3	77.6	82.1	69.3	77.6	82.1
ADJUSTMENTS									
Flow	1.3	-14.8	-20.8	0.2	-15.9	-21.9	-4.9	-21.0	-27.0
Distance	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	66.2	58.4	56.9	65.1	57.3	55.8	60.0	52.2	50.7
VEHICULAR NOISE	DAY=	67.3	Leq	EVENING=	66.2	Leq	NIGHT=	61.1	Leq

RESULTS					
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):				**Ldn=**	**69.0**
				CNEL=	**69.6**
NOISE CONTOUR:			*70 dBA*	*65 dBA*	*60 dBA*
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):	**Ldn:**		**86**	**186**	**400**
	CNEL:		**94**	**203**	**437**

FHWA RD-77-108 NOISE PREDICTION MODEL

Scenario: POST-2035
Roadway: Airways Boulevard
Segment: Dakota to Clovis

Project: CLOVIS GP UPDATE
Analyst: AN
Date: 16-Jun-14

ROADWAY INPUTS	
ADT	27,900
SPEED (mph)	45
ROAD NEAR-FAR LN. DIST.	48
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.0%	DAY	73.0%
% MT	2.4%	EVENING	14.0%
% HT	0.6%	NIGHT	13.0%

CALCULATION AREA	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	1646	41	10	1263	31	8	391	10	2
Speed in MPH	45	45	45	45	45	45	45	45	45
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	69.3	77.6	82.1	69.3	77.6	82.1	69.3	77.6	82.1
ADJUSTMENTS									
Flow	0.3	-15.7	-21.8	-0.8	-16.9	-22.9	-5.9	-22.0	-28.0
Distance	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	65.2	57.5	56.0	64.1	56.3	54.8	59.0	51.2	49.7
VEHICULAR NOISE	DAY=	66.3	Leq	EVENING=	65.2	Leq	NIGHT=	60.1	Leq

RESULTS				
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):			**Ldn=**	**68.1**
			CNEL=	**68.6**
NOISE CONTOUR:		*70 dBA*	*65 dBA*	*60 dBA*
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):	**Ldn:**	**74**	**160**	**344**
	CNEL:	**81**	**174**	**375**

FHWA RD-77-108 NOISE PREDICTION MODEL

Scenario: POST-2035
Roadway: Shields Avenue
Segment: Clovis to Fowler

Project: CLOVIS GP UPDATE
Analyst: AN
Date: 16-Jun-14

ROADWAY INPUTS	
ADT	26,200
SPEED (mph)	45
ROAD NEAR-FAR LN. DIST.	48
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.0%	DAY	73.0%
% MT	2.4%	EVENING	14.0%
% HT	0.6%	NIGHT	13.0%

CALCULATION AREA	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	1546	38	10	1186	29	7	367	9	2
Speed in MPH	45	45	45	45	45	45	45	45	45
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	69.3	77.6	82.1	69.3	77.6	82.1	69.3	77.6	82.1
ADJUSTMENTS									
Flow	0.1	-16.0	-22.0	-1.1	-17.2	-23.2	-6.2	-22.3	-28.3
Distance	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	65.0	57.2	55.7	63.8	56.0	54.5	58.7	50.9	49.4
VEHICULAR NOISE	DAY=	66.1	Leq	EVENING=	64.9	Leq	NIGHT=	59.8	Leq

RESULTS					
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):				**Ldn=**	**67.8**
				CNEL=	**68.3**
NOISE CONTOUR:			*70 dBA*	*65 dBA*	*60 dBA*
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):	**Ldn:**		**71**	**153**	**330**
	CNEL:		**78**	**167**	**360**

FHWA RD-77-108 NOISE PREDICTION MODEL

Scenario: POST-2035
Roadway: Shields Avenue
Segment: Fowler to Temperance

Project: CLOVIS GP UPDATE
Analyst: AN
Date: 16-Jun-14

ROADWAY INPUTS	
ADT	26,200
SPEED (mph)	45
ROAD NEAR-FAR LN. DIST.	48
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.0%	DAY	73.0%
% MT	2.4%	EVENING	14.0%
% HT	0.6%	NIGHT	13.0%

CALCULATION AREA	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	1546	38	10	1186	29	7	367	9	2
Speed in MPH	45	45	45	45	45	45	45	45	45
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	69.3	77.6	82.1	69.3	77.6	82.1	69.3	77.6	82.1
ADJUSTMENTS									
Flow	0.1	-16.0	-22.0	-1.1	-17.2	-23.2	-6.2	-22.3	-28.3
Distance	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	65.0	57.2	55.7	63.8	56.0	54.5	58.7	50.9	49.4
VEHICULAR NOISE	DAY=	66.1	Leq	EVENING=	64.9	Leq	NIGHT=	59.8	Leq

RESULTS					
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):				**Ldn=**	**67.8**
				CNEL=	**68.3**
NOISE CONTOUR:			*70 dBA*	*65 dBA*	*60 dBA*
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):	**Ldn:**		**71**	**153**	**330**
	CNEL:		**78**	**167**	**360**

FHWA RD-77-108 NOISE PREDICTION MODEL

Scenario: POST-2035
Roadway: Shields Avenue
Segment: Temperance to Leonard

Project: CLOVIS GP UPDATE
Analyst: AN
Date: 16-Jun-14

ROADWAY INPUTS	
ADT	31,900
SPEED (mph)	45
ROAD NEAR-FAR LN. DIST.	48
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.0%	DAY	73.0%
% MT	2.4%	EVENING	14.0%
% HT	0.6%	NIGHT	13.0%

CALCULATION AREA	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	1882	47	12	1444	36	9	447	11	3
Speed in MPH	45	45	45	45	45	45	45	45	45
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	69.3	77.6	82.1	69.3	77.6	82.1	69.3	77.6	82.1
ADJUSTMENTS									
Flow	0.9	-15.2	-21.2	-0.2	-16.3	-22.3	-5.3	-21.4	-27.4
Distance	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	65.8	58.0	56.5	64.7	56.9	55.4	59.6	51.8	50.3
VEHICULAR NOISE	DAY=	66.9	Leq	EVENING=	65.8	Leq	NIGHT=	60.7	Leq

RESULTS					
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):				**Ldn=**	**68.6**
				CNEL=	**69.2**
NOISE CONTOUR:			*70 dBA*	*65 dBA*	*60 dBA*
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):	**Ldn:**		**81**	**175**	**376**
	CNEL:		**88**	**191**	**411**

FHWA RD-77-108 NOISE PREDICTION MODEL

Scenario: POST-2035
Roadway: Shields Avenue
Segment: Friant to Copper

Project: CLOVIS GP UPDATE
Analyst: AN
Date: 16-Jun-14

ROADWAY INPUTS	
ADT	37,400
SPEED (mph)	45
ROAD NEAR-FAR LN. DIST.	48
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.0%	DAY	73.0%
% MT	2.4%	EVENING	14.0%
% HT	0.6%	NIGHT	13.0%

CALCULATION AREA	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	2207	55	14	1693	42	10	524	13	3
Speed in MPH	45	45	45	45	45	45	45	45	45
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	69.3	77.6	82.1	69.3	77.6	82.1	69.3	77.6	82.1
ADJUSTMENTS									
Flow	1.6	-14.5	-20.5	0.4	-15.6	-21.6	-4.6	-20.7	-26.7
Distance	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	66.5	58.7	57.2	65.4	57.6	56.1	60.3	52.5	51.0
VEHICULAR NOISE	DAY=	67.6	Leq	EVENING=	66.5	Leq	NIGHT=	61.4	Leq

RESULTS					
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):				**Ldn=**	**69.3**
				CNEL=	**69.9**
NOISE CONTOUR:			*70 dBA*	*65 dBA*	*60 dBA*
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		**Ldn:**	**90**	**194**	**418**
		CNEL:	**98**	**212**	**457**

FHWA RD-77-108 NOISE PREDICTION MODEL

Scenario: POST-2035
Roadway: Willow Avenue
Segment: Copper to Behymer

Project: CLOVIS GP UPDATE
Analyst: AN
Date: 16-Jun-14

ROADWAY INPUTS	
ADT	59,000
SPEED (mph)	45
ROAD NEAR-FAR LN. DIST.	72
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.0%	DAY	73.0%
% MT	2.4%	EVENING	14.0%
% HT	0.6%	NIGHT	13.0%

CALCULATION AREA	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	3481	86	22	2671	66	17	827	20	5
Speed in MPH	45	45	45	45	45	45	45	45	45
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	69.3	77.6	82.1	69.3	77.6	82.1	69.3	77.6	82.1
ADJUSTMENTS									
Flow	3.6	-12.5	-18.5	2.4	-13.6	-19.7	-2.7	-18.7	-24.8
Distance	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	68.8	61.0	59.5	67.6	59.8	58.3	62.5	54.7	53.2
VEHICULAR NOISE	DAY=	69.8	Leq	EVENING=	68.7	Leq	NIGHT=	63.6	Leq

RESULTS					
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):				**Ldn=**	**71.6**
				CNEL=	**72.1**
NOISE CONTOUR:			*70 dBA*	*65 dBA*	*60 dBA*
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		**Ldn:**	**127**	**274**	**590**
		CNEL:	**139**	**299**	**644**

FHWA RD-77-108 NOISE PREDICTION MODEL

Scenario: POST-2035
Roadway: Willow Avenue
Segment: Behymer to Shepherd

Project: CLOVIS GP UPDATE
Analyst: AN
Date: 16-Jun-14

ROADWAY INPUTS	
ADT	63,500
SPEED (mph)	45
ROAD NEAR-FAR LN. DIST.	72
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.0%	DAY	73.0%
% MT	2.4%	EVENING	14.0%
% HT	0.6%	NIGHT	13.0%

CALCULATION AREA	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	3747	93	23	2874	71	18	890	22	6
Speed in MPH	45	45	45	45	45	45	45	45	45
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	69.3	77.6	82.1	69.3	77.6	82.1	69.3	77.6	82.1
ADJUSTMENTS									
Flow	3.9	-12.2	-18.2	2.7	-13.3	-19.3	-2.3	-18.4	-24.4
Distance	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	69.1	61.3	59.8	67.9	60.1	58.6	62.8	55.0	53.5
VEHICULAR NOISE	DAY=	70.2	Leq	EVENING=	69.0	Leq	NIGHT=	63.9	Leq

RESULTS				
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):			**Ldn=**	**71.9**
			CNEL=	**72.4**
NOISE CONTOUR:		*70 dBA*	*65 dBA*	*60 dBA*
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):	**Ldn:**	**134**	**288**	**620**
	CNEL:	**146**	**314**	**676**

FHWA RD-77-108 NOISE PREDICTION MODEL

Scenario: POST-2035
Roadway: Willow Avenue
Segment: Shepherd to Nees

Project: CLOVIS GP UPDATE
Analyst: AN
Date: 16-Jun-14

ROADWAY INPUTS	
ADT	60,200
SPEED (mph)	45
ROAD NEAR-FAR LN. DIST.	72
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.0%	DAY	73.0%
% MT	2.4%	EVENING	14.0%
% HT	0.6%	NIGHT	13.0%

CALCULATION AREA	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	3552	88	22	2725	67	17	843	21	5
Speed in MPH	45	45	45	45	45	45	45	45	45
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	69.3	77.6	82.1	69.3	77.6	82.1	69.3	77.6	82.1
ADJUSTMENTS									
Flow	3.7	-12.4	-18.4	2.5	-13.5	-19.6	-2.6	-18.6	-24.7
Distance	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	68.8	61.1	59.6	67.7	59.9	58.4	62.6	54.8	53.3
VEHICULAR NOISE	DAY=	69.9	Leq	EVENING=	68.8	Leq	NIGHT=	63.7	Leq

RESULTS				
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):			**Ldn=**	**71.7**
			CNEL=	**72.2**
NOISE CONTOUR:		*70 dBA*	*65 dBA*	*60 dBA*
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):	**Ldn:**	**129**	**278**	**598**
	CNEL:	**141**	**303**	**652**

FHWA RD-77-108 NOISE PREDICTION MODEL

Scenario: POST-2035
Roadway: Willow Avenue
Segment: Nees to Alluvial

Project: CLOVIS GP UPDATE
Analyst: AN
Date: 16-Jun-14

ROADWAY INPUTS	
ADT	60,600
SPEED (mph)	45
ROAD NEAR-FAR LN. DIST.	72
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.0%	DAY	73.0%
% MT	2.4%	EVENING	14.0%
% HT	0.6%	NIGHT	13.0%

CALCULATION AREA	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	3576	88	22	2743	68	17	849	21	5
Speed in MPH	45	45	45	45	45	45	45	45	45
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	69.3	77.6	82.1	69.3	77.6	82.1	69.3	77.6	82.1
ADJUSTMENTS									
Flow	3.7	-12.4	-18.4	2.5	-13.5	-19.5	-2.5	-18.6	-24.6
Distance	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	68.9	61.1	59.6	67.7	59.9	58.4	62.6	54.8	53.3
VEHICULAR NOISE	DAY=	70.0	Leq	EVENING=	68.8	Leq	NIGHT=	63.7	Leq

RESULTS					
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):				**Ldn=**	**71.7**
				CNEL=	**72.2**
NOISE CONTOUR:			*70 dBA*	*65 dBA*	*60 dBA*
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):	**Ldn:**		**129**	**279**	**601**
	CNEL:		**141**	**304**	**655**

FHWA RD-77-108 NOISE PREDICTION MODEL

Scenario: POST-2035
Roadway: Willow Avenue
Segment: Alluvial to Herndon

Project: CLOVIS GP UPDATE
Analyst: AN
Date: 16-Jun-14

ROADWAY INPUTS	
ADT	63,100
SPEED (mph)	45
ROAD NEAR-FAR LN. DIST.	72
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.0%	DAY	73.0%
% MT	2.4%	EVENING	14.0%
% HT	0.6%	NIGHT	13.0%

CALCULATION AREA	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	3723	92	23	2856	71	18	884	22	5
Speed in MPH	45	45	45	45	45	45	45	45	45
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	69.3	77.6	82.1	69.3	77.6	82.1	69.3	77.6	82.1
ADJUSTMENTS									
Flow	3.9	-12.2	-18.2	2.7	-13.3	-19.4	-2.4	-18.4	-24.5
Distance	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	69.0	61.3	59.8	67.9	60.1	58.6	62.8	55.0	53.5
VEHICULAR NOISE	DAY=	70.1	Leq	EVENING=	69.0	Leq	NIGHT=	63.9	Leq

RESULTS					
NOISE LEVELS AT	100	FEET FROM CENTERLINE (dBA):		**Ldn=**	**71.9**
				CNEL=	**72.4**
NOISE CONTOUR:				*70 dBA*	*65 dBA*	*60 dBA*
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):			**Ldn:**	**133**	**286**	**617**
			CNEL:	**145**	**312**	**673**

FHWA RD-77-108 NOISE PREDICTION MODEL

Scenario: POST-2035
Roadway: Willow Avenue
Segment: Herndon to Bullard

Project: CLOVIS GP UPDATE
Analyst: AN
Date: 16-Jun-14

ROADWAY INPUTS	
ADT	59,500
SPEED (mph)	45
ROAD NEAR-FAR LN. DIST.	72
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.0%	DAY	73.0%
% MT	2.4%	EVENING	14.0%
% HT	0.6%	NIGHT	13.0%

CALCULATION AREA	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	3511	87	22	2693	67	17	834	21	5
Speed in MPH	45	45	45	45	45	45	45	45	45
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	69.3	77.6	82.1	69.3	77.6	82.1	69.3	77.6	82.1
ADJUSTMENTS									
Flow	3.6	-12.4	-18.5	2.5	-13.6	-19.6	-2.6	-18.7	-24.7
Distance	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	68.8	61.0	59.5	67.6	59.9	58.4	62.5	54.8	53.3
VEHICULAR NOISE	DAY=	69.9	Leq	EVENING=	68.7	Leq	NIGHT=	63.6	Leq

RESULTS					
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):				**Ldn=**	**71.6**
				CNEL=	**72.2**
NOISE CONTOUR:			*70 dBA*	*65 dBA*	*60 dBA*
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):	**Ldn:**		**128**	**275**	**593**
	CNEL:		**139**	**300**	**647**

FHWA RD-77-108 NOISE PREDICTION MODEL

Scenario: POST-2035
Roadway: Willow Avenue
Segment: Bullard to Barstow

Project: CLOVIS GP UPDATE
Analyst: AN
Date: 16-Jun-14

ROADWAY INPUTS	
ADT	62,900
SPEED (mph)	45
ROAD NEAR-FAR LN. DIST.	72
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.0%	DAY	73.0%
% MT	2.4%	EVENING	14.0%
% HT	0.6%	NIGHT	13.0%

CALCULATION AREA	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	3712	92	23	2847	70	18	881	22	5
Speed in MPH	45	45	45	45	45	45	45	45	45
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	69.3	77.6	82.1	69.3	77.6	82.1	69.3	77.6	82.1
ADJUSTMENTS									
Flow	3.9	-12.2	-18.2	2.7	-13.4	-19.4	-2.4	-18.5	-24.5
Distance	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	69.0	61.2	59.7	67.9	60.1	58.6	62.8	55.0	53.5
VEHICULAR NOISE	DAY=	70.1	Leq	EVENING=	69.0	Leq	NIGHT=	63.9	Leq

RESULTS					
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):				**Ldn=**	**71.8**
				CNEL=	**72.4**
NOISE CONTOUR:			*70 dBA*	*65 dBA*	*60 dBA*
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):	**Ldn:**		**133**	**286**	**616**
	CNEL:		**145**	**312**	**672**

FHWA RD-77-108 NOISE PREDICTION MODEL

Scenario: POST-2035
Roadway: Willow Avenue
Segment: Barstow to Shaw

Project: CLOVIS GP UPDATE
Analyst: AN
Date: 16-Jun-14

ROADWAY INPUTS	
ADT	59,400
SPEED (mph)	45
ROAD NEAR-FAR LN. DIST.	72
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.0%	DAY	73.0%
% MT	2.4%	EVENING	14.0%
% HT	0.6%	NIGHT	13.0%

CALCULATION AREA	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	3505	87	22	2689	67	17	832	21	5
Speed in MPH	45	45	45	45	45	45	45	45	45
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	69.3	77.6	82.1	69.3	77.6	82.1	69.3	77.6	82.1
ADJUSTMENTS									
Flow	3.6	-12.5	-18.5	2.5	-13.6	-19.6	-2.6	-18.7	-24.7
Distance	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	68.8	61.0	59.5	67.6	59.8	58.3	62.5	54.8	53.3
VEHICULAR NOISE	DAY=	69.9	Leq	EVENING=	68.7	Leq	NIGHT=	63.6	Leq

RESULTS					
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):				**Ldn=**	**71.6**
				CNEL=	**72.2**
NOISE CONTOUR:			*70 dBA*	*65 dBA*	*60 dBA*
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):	**Ldn:**		**128**	**275**	**593**
	CNEL:		**139**	**300**	**647**

FHWA RD-77-108 NOISE PREDICTION MODEL

Scenario: POST-2035
Roadway: Willow Avenue
Segment: Shaw to Ashlan

Project: CLOVIS GP UPDATE
Analyst: AN
Date: 16-Jun-14

ROADWAY INPUTS	
ADT	36,100
SPEED (mph)	45
ROAD NEAR-FAR LN. DIST.	48
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.0%	DAY	73.0%
% MT	2.4%	EVENING	14.0%
% HT	0.6%	NIGHT	13.0%

CALCULATION AREA	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	2130	53	13	1634	40	10	506	13	3
Speed in MPH	45	45	45	45	45	45	45	45	45
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	69.3	77.6	82.1	69.3	77.6	82.1	69.3	77.6	82.1
ADJUSTMENTS									
Flow	1.4	-14.6	-20.6	0.3	-15.8	-21.8	-4.8	-20.9	-26.9
Distance	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	66.4	58.6	57.1	65.2	57.4	55.9	60.1	52.3	50.8
VEHICULAR NOISE	DAY=	67.4	Leq	EVENING=	66.3	Leq	NIGHT=	61.2	Leq

RESULTS					
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):				**Ldn=**	**69.2**
				CNEL=	**69.7**
NOISE CONTOUR:			*70 dBA*	*65 dBA*	*60 dBA*
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):	**Ldn:**		**88**	**190**	**409**
	CNEL:		**96**	**207**	**446**

FHWA RD-77-108 NOISE PREDICTION MODEL

Scenario: POST-2035
Roadway: Chestnut Diagonal
Segment: Behymer to Shepherd

Project: CLOVIS GP UPDATE
Analyst: AN
Date: 16-Jun-14

ROADWAY INPUTS	
ADT	2,800
SPEED (mph)	40
ROAD NEAR-FAR LN. DIST.	12
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.0%	DAY	73.0%
% MT	2.4%	EVENING	14.0%
% HT	0.6%	NIGHT	13.0%

CALCULATION AREA	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	165	4	1	127	3	1	39	1	0
Speed in MPH	40	40	40	40	40	40	40	40	40
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	67.4	76.3	81.2	67.4	76.3	81.2	67.4	76.3	81.2
ADJUSTMENTS									
Flow	-9.1	-25.2	-31.2	-10.3	-26.4	-32.4	-15.4	-31.5	-37.5
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	53.6	46.5	45.3	52.5	45.3	44.2	47.4	40.2	39.1
VEHICULAR NOISE	DAY=	54.9	Leq	EVENING=	53.7	Leq	NIGHT=	48.6	Leq

RESULTS					
NOISE LEVELS AT	100	FEET FROM CENTERLINE (dBA):		**Ldn=**	**56.6**
				CNEL=	**57.2**
NOISE CONTOUR:				*70 dBA*	*65 dBA*	*60 dBA*
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):			**Ldn:**	**13**	**28**	**59**
			CNEL:	**14**	**30**	**65**

FHWA RD-77-108 NOISE PREDICTION MODEL

Scenario: POST-2035
Roadway: Peach Avenue
Segment: Shepherd to Teague

Project: CLOVIS GP UPDATE
Analyst: AN
Date: 16-Jun-14

ROADWAY INPUTS	
ADT	6,400
SPEED (mph)	40
ROAD NEAR-FAR LN. DIST.	12
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.0%	DAY	73.0%
% MT	2.4%	EVENING	14.0%
% HT	0.6%	NIGHT	13.0%

CALCULATION AREA	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	378	9	2	290	7	2	90	2	1
Speed in MPH	40	40	40	40	40	40	40	40	40
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	67.4	76.3	81.2	67.4	76.3	81.2	67.4	76.3	81.2
ADJUSTMENTS									
Flow	-5.6	-21.6	-27.6	-6.7	-22.8	-28.8	-11.8	-27.9	-33.9
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	57.2	50.1	48.9	56.0	48.9	47.8	51.0	43.8	42.7
VEHICULAR NOISE	DAY=	58.5	Leq	EVENING=	57.3	Leq	NIGHT=	52.2	Leq

RESULTS					
NOISE LEVELS AT	100	FEET FROM CENTERLINE (dBA):		**Ldn=**	**60.2**
				CNEL=	**60.8**
NOISE CONTOUR:				*70 dBA*	*65 dBA*	*60 dBA*
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):			**Ldn:**	**22**	**48**	**103**
			CNEL:	**24**	**52**	**112**

FHWA RD-77-108 NOISE PREDICTION MODEL

Scenario: POST-2035
Roadway: Peach Avenue
Segment: Teague to Nees

Project: CLOVIS GP UPDATE
Analyst: AN
Date: 16-Jun-14

ROADWAY INPUTS	
ADT	9,700
SPEED (mph)	40
ROAD NEAR-FAR LN. DIST.	12
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.0%	DAY	73.0%
% MT	2.4%	EVENING	14.0%
% HT	0.6%	NIGHT	13.0%

CALCULATION AREA	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	572	14	4	439	11	3	136	3	1
Speed in MPH	40	40	40	40	40	40	40	40	40
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	67.4	76.3	81.2	67.4	76.3	81.2	67.4	76.3	81.2
ADJUSTMENTS									
Flow	-3.7	-19.8	-25.8	-4.9	-21.0	-27.0	-10.0	-26.1	-32.1
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	59.0	51.9	50.7	57.9	50.7	49.6	52.8	45.6	44.5
VEHICULAR NOISE	DAY=	60.3	Leq	EVENING=	59.1	Leq	NIGHT=	54.0	Leq

RESULTS					
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):				**Ldn=**	**62.0**
				CNEL=	**62.6**
NOISE CONTOUR:			*70 dBA*	*65 dBA*	*60 dBA*
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		**Ldn:**	**29**	**63**	**136**
		CNEL:	**32**	**69**	**148**

FHWA RD-77-108 NOISE PREDICTION MODEL

Scenario: POST-2035
Roadway: Peach Avenue
Segment: Nees to Herndon

Project: CLOVIS GP UPDATE
Analyst: FS
Date: 16-Jun-14

ROADWAY INPUTS	
ADT	12,000
SPEED (mph)	40
ROAD NEAR-FAR LN. DIST.	12
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.0%	DAY	73.0%
% MT	2.4%	EVENING	14.0%
% HT	0.6%	NIGHT	13.0%

CALCULATION AREA	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	708	18	4	543	13	3	168	4	1
Speed in MPH	40	40	40	40	40	40	40	40	40
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	67.4	76.3	81.2	67.4	76.3	81.2	67.4	76.3	81.2
ADJUSTMENTS									
Flow	-2.8	-18.9	-24.9	-4.0	-20.0	-26.1	-9.1	-25.1	-31.2
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	59.9	52.8	51.6	58.8	51.7	50.5	53.7	46.6	45.4
VEHICULAR NOISE	DAY=	61.2	Leq	EVENING=	60.1	Leq	NIGHT=	55.0	Leq

RESULTS					
NOISE LEVELS AT	100	FEET FROM CENTERLINE (dBA):		**Ldn=**	**62.9**
				CNEL=	**63.5**
NOISE CONTOUR:				*70 dBA*	*65 dBA*	*60 dBA*
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):			**Ldn:**	**34**	**73**	**157**
			CNEL:	**37**	**79**	**171**

FHWA RD-77-108 NOISE PREDICTION MODEL

Scenario: POST-2035
Roadway: Peach Avenue
Segment: Shaw to Ashlan

Project: CLOVIS GP UPDATE
Analyst: FS
Date: 16-Jun-14

ROADWAY INPUTS	
ADT	24,900
SPEED (mph)	45
ROAD NEAR-FAR LN. DIST.	48
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.0%	DAY	73.0%
% MT	2.4%	EVENING	14.0%
% HT	0.6%	NIGHT	13.0%

CALCULATION AREA	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	1469	36	9	1127	28	7	349	9	2
Speed in MPH	45	45	45	45	45	45	45	45	45
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	69.3	77.6	82.1	69.3	77.6	82.1	69.3	77.6	82.1
ADJUSTMENTS									
Flow	-0.2	-16.2	-22.3	-1.3	-17.4	-23.4	-6.4	-22.5	-28.5
Distance	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	64.8	57.0	55.5	63.6	55.8	54.3	58.5	50.7	49.2
VEHICULAR NOISE	DAY=	65.8	Leq	EVENING=	64.7	Leq	NIGHT=	59.6	Leq

RESULTS					
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):				**Ldn=**	**67.6**
				CNEL=	**68.1**
NOISE CONTOUR:			*70 dBA*	*65 dBA*	*60 dBA*
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):	**Ldn:**		**69**	**148**	**319**
	CNEL:		**75**	**162**	**348**

FHWA RD-77-108 NOISE PREDICTION MODEL

Scenario: POST-2035
Roadway: Peach Avenue
Segment: Ashlan to Dakota

Project: CLOVIS GP UPDATE
Analyst: FS
Date: 16-Jun-14

ROADWAY INPUTS	
ADT	32,700
SPEED (mph)	45
ROAD NEAR-FAR LN. DIST.	48
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.0%	DAY	73.0%
% MT	2.4%	EVENING	14.0%
% HT	0.6%	NIGHT	13.0%

CALCULATION AREA	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	1930	48	12	1480	37	9	458	11	3
Speed in MPH	45	45	45	45	45	45	45	45	45
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	69.3	77.6	82.1	69.3	77.6	82.1	69.3	77.6	82.1
ADJUSTMENTS									
Flow	1.0	-15.0	-21.1	-0.1	-16.2	-22.2	-5.2	-21.3	-27.3
Distance	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	65.9	58.1	56.6	64.8	57.0	55.5	59.7	51.9	50.4
VEHICULAR NOISE	DAY=	67.0	Leq	EVENING=	65.9	Leq	NIGHT=	60.8	Leq

RESULTS				
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):			**Ldn=**	**68.7**
			CNEL=	**69.3**
NOISE CONTOUR:		*70 dBA*	*65 dBA*	*60 dBA*
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):	**Ldn:**	**82**	**178**	**383**
	CNEL:	**90**	**194**	**417**

FHWA RD-77-108 NOISE PREDICTION MODEL

Scenario: POST-2035
Roadway: Villa Avenue
Segment: Bullard to Shaw

Project: CLOVIS GP UPDATE
Analyst: FS
Date: 16-Jun-14

ROADWAY INPUTS	
ADT	22,300
SPEED (mph)	45
ROAD NEAR-FAR LN. DIST.	48
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.0%	DAY	73.0%
% MT	2.4%	EVENING	14.0%
% HT	0.6%	NIGHT	13.0%

CALCULATION AREA	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	1316	33	8	1009	25	6	312	8	2
Speed in MPH	45	45	45	45	45	45	45	45	45
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	69.3	77.6	82.1	69.3	77.6	82.1	69.3	77.6	82.1
ADJUSTMENTS									
Flow	-0.6	-16.7	-22.7	-1.8	-17.9	-23.9	-6.9	-23.0	-29.0
Distance	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	64.3	56.5	55.0	63.1	55.3	53.8	58.0	50.2	48.7
VEHICULAR NOISE	DAY=	65.4	Leq	EVENING=	64.2	Leq	NIGHT=	59.1	Leq

RESULTS					
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):				**Ldn=**	**67.1**
				CNEL=	**67.6**
NOISE CONTOUR:			*70 dBA*	*65 dBA*	*60 dBA*
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):	**Ldn:**		**64**	**138**	**296**
	CNEL:		**70**	**150**	**323**

FHWA RD-77-108 NOISE PREDICTION MODEL

Scenario: POST-2035
Roadway: Villa Avenue
Segment: Shaw to Gettsyburg

Project: CLOVIS GP UPDATE
Analyst: FS
Date: 16-Jun-14

ROADWAY INPUTS	
ADT	6,700
SPEED (mph)	40
ROAD NEAR-FAR LN. DIST.	12
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.0%	DAY	73.0%
% MT	2.4%	EVENING	14.0%
% HT	0.6%	NIGHT	13.0%

CALCULATION AREA	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	395	10	2	303	8	2	94	2	1
Speed in MPH	40	40	40	40	40	40	40	40	40
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	67.4	76.3	81.2	67.4	76.3	81.2	67.4	76.3	81.2
ADJUSTMENTS									
Flow	-5.4	-21.4	-27.4	-6.5	-22.6	-28.6	-11.6	-27.7	-33.7
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	57.4	50.3	49.1	56.2	49.1	48.0	51.2	44.0	42.9
VEHICULAR NOISE	DAY=	58.7	Leq	EVENING=	57.5	Leq	NIGHT=	52.4	Leq

RESULTS					
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):				**Ldn=**	**60.4**
				CNEL=	**61.0**
NOISE CONTOUR:			*70 dBA*	*65 dBA*	*60 dBA*
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		**Ldn:**	**23**	**49**	**106**
		CNEL:	**25**	**54**	**116**

FHWA RD-77-108 NOISE PREDICTION MODEL

Scenario: POST-2035
Roadway: Minnewawa Avenue
Segment: Coppper to Behymer

Project: CLOVIS GP UPDATE
Analyst: FS
Date: 16-Jun-14

ROADWAY INPUTS	
ADT	12,300
SPEED (mph)	40
ROAD NEAR-FAR LN. DIST.	12
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.0%	DAY	73.0%
% MT	2.4%	EVENING	14.0%
% HT	0.6%	NIGHT	13.0%

CALCULATION AREA	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	726	18	4	557	14	3	172	4	1
Speed in MPH	40	40	40	40	40	40	40	40	40
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	67.4	76.3	81.2	67.4	76.3	81.2	67.4	76.3	81.2
ADJUSTMENTS									
Flow	-2.7	-18.8	-24.8	-3.9	-19.9	-26.0	-9.0	-25.0	-31.0
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	60.0	52.9	51.7	58.9	51.8	50.6	53.8	46.7	45.5
VEHICULAR NOISE	DAY=	61.3	Leq	EVENING=	60.2	Leq	NIGHT=	55.1	Leq

RESULTS					
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):				**Ldn=**	**63.0**
				CNEL=	**63.6**
NOISE CONTOUR:			*70 dBA*	*65 dBA*	*60 dBA*
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):	**Ldn:**		**34**	**74**	**159**
	CNEL:		**37**	**81**	**174**

FHWA RD-77-108 NOISE PREDICTION MODEL

Scenario: POST-2035
Roadway: Minnewawa Avenue
Segment: Behymer to Shepherd

Project: CLOVIS GP UPDATE
Analyst: FS
Date: 16-Jun-14

ROADWAY INPUTS	
ADT	12,300
SPEED (mph)	40
ROAD NEAR-FAR LN. DIST.	12
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.0%	DAY	73.0%
% MT	2.4%	EVENING	14.0%
% HT	0.6%	NIGHT	13.0%

CALCULATION AREA	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	726	18	4	557	14	3	172	4	1
Speed in MPH	40	40	40	40	40	40	40	40	40
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	67.4	76.3	81.2	67.4	76.3	81.2	67.4	76.3	81.2
ADJUSTMENTS									
Flow	-2.7	-18.8	-24.8	-3.9	-19.9	-26.0	-9.0	-25.0	-31.0
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	60.0	52.9	51.7	58.9	51.8	50.6	53.8	46.7	45.5
VEHICULAR NOISE	DAY=	61.3	Leq	EVENING=	60.2	Leq	NIGHT=	55.1	Leq

RESULTS					
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):				**Ldn=**	**63.0**
				CNEL=	**63.6**
NOISE CONTOUR:			*70 dBA*	*65 dBA*	*60 dBA*
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):	**Ldn:**		**34**	**74**	**159**
	CNEL:		**37**	**81**	**174**

FHWA RD-77-108 NOISE PREDICTION MODEL

Scenario: POST-2035
Roadway: Minnewawa Avenue
Segment: Shepherd to Teague

Project: CLOVIS GP UPDATE
Analyst: FS
Date: 16-Jun-14

ROADWAY INPUTS	
ADT	21,500
SPEED (mph)	45
ROAD NEAR-FAR LN. DIST.	12
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.0%	DAY	73.0%
% MT	2.4%	EVENING	14.0%
% HT	0.6%	NIGHT	13.0%

CALCULATION AREA	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	1269	31	8	973	24	6	301	7	2
Speed in MPH	45	45	45	45	45	45	45	45	45
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	69.3	77.6	82.1	69.3	77.6	82.1	69.3	77.6	82.1
ADJUSTMENTS									
Flow	-0.8	-16.9	-22.9	-2.0	-18.0	-24.0	-7.0	-23.1	-29.1
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	63.9	56.1	54.6	62.8	55.0	53.5	57.7	49.9	48.4
VEHICULAR NOISE	DAY=	65.0	Leq	EVENING=	63.9	Leq	NIGHT=	58.8	Leq

RESULTS					
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):				**Ldn=**	**66.7**
				CNEL=	**67.3**
NOISE CONTOUR:			*70 dBA*	*65 dBA*	*60 dBA*
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):	**Ldn:**		**61**	**131**	**281**
	CNEL:		**66**	**142**	**307**

FHWA RD-77-108 NOISE PREDICTION MODEL

Scenario: POST-2035
Roadway: Minnewawa Avenue
Segment: Teague to Nees

Project: CLOVIS GP UPDATE
Analyst: FS
Date: 16-Jun-14

ROADWAY INPUTS	
ADT	29,100
SPEED (mph)	45
ROAD NEAR-FAR LN. DIST.	48
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.0%	DAY	73.0%
% MT	2.4%	EVENING	14.0%
% HT	0.6%	NIGHT	13.0%

CALCULATION AREA	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	1717	42	11	1317	33	8	408	10	3
Speed in MPH	45	45	45	45	45	45	45	45	45
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	69.3	77.6	82.1	69.3	77.6	82.1	69.3	77.6	82.1
ADJUSTMENTS									
Flow	0.5	-15.6	-21.6	-0.6	-16.7	-22.7	-5.7	-21.8	-27.8
Distance	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	65.4	57.6	56.1	64.3	56.5	55.0	59.2	51.4	49.9
VEHICULAR NOISE	DAY=	66.5	Leq	EVENING=	65.4	Leq	NIGHT=	60.3	Leq

RESULTS					
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):				**Ldn=**	**68.2**
				CNEL=	**68.8**
NOISE CONTOUR:			*70 dBA*	*65 dBA*	*60 dBA*
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):	**Ldn:**		**76**	**164**	**354**
	CNEL:		**83**	**179**	**386**

FHWA RD-77-108 NOISE PREDICTION MODEL

Scenario: POST-2035
Roadway: Minnewawa Avenue
Segment: Nees to Villa

Project: CLOVIS GP UPDATE
Analyst: FS
Date: 16-Jun-14

ROADWAY INPUTS	
ADT	23,100
SPEED (mph)	45
ROAD NEAR-FAR LN. DIST.	48
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.0%	DAY	73.0%
% MT	2.4%	EVENING	14.0%
% HT	0.6%	NIGHT	13.0%

CALCULATION AREA	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	1363	34	8	1046	26	6	324	8	2
Speed in MPH	45	45	45	45	45	45	45	45	45
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	69.3	77.6	82.1	69.3	77.6	82.1	69.3	77.6	82.1
ADJUSTMENTS									
Flow	-0.5	-16.6	-22.6	-1.6	-17.7	-23.7	-6.7	-22.8	-28.8
Distance	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	64.4	56.6	55.1	63.3	55.5	54.0	58.2	50.4	48.9
VEHICULAR NOISE	DAY=	65.5	Leq	EVENING=	64.4	Leq	NIGHT=	59.3	Leq

RESULTS					
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):				**Ldn=**	**67.2**
				CNEL=	**67.8**
NOISE CONTOUR:			*70 dBA*	*65 dBA*	*60 dBA*
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):	**Ldn:**		**65**	**141**	**303**
	CNEL:		**71**	**154**	**331**

FHWA RD-77-108 NOISE PREDICTION MODEL

Scenario: POST-2035
Roadway: Minnewawa Avenue
Segment: Bullard to Shaw

Project: CLOVIS GP UPDATE
Analyst: FS
Date: 16-Jun-14

ROADWAY INPUTS	
ADT	13,300
SPEED (mph)	40
ROAD NEAR-FAR LN. DIST.	48
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.0%	DAY	73.0%
% MT	2.4%	EVENING	14.0%
% HT	0.6%	NIGHT	13.0%

CALCULATION AREA	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	785	19	5	602	15	4	186	5	1
Speed in MPH	40	40	40	40	40	40	40	40	40
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	67.4	76.3	81.2	67.4	76.3	81.2	67.4	76.3	81.2
ADJUSTMENTS									
Flow	-2.4	-18.4	-24.5	-3.5	-19.6	-25.6	-8.6	-24.7	-30.7
Distance	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	60.6	53.4	52.3	59.4	52.3	51.1	54.3	47.2	46.0
VEHICULAR NOISE	DAY=	61.8	Leq	EVENING=	60.7	Leq	NIGHT=	55.6	Leq

RESULTS					
NOISE LEVELS AT	100	FEET FROM CENTERLINE (dBA):		**Ldn=**	**63.6**
				CNEL=	**64.1**
NOISE CONTOUR:				*70 dBA*	*65 dBA*	*60 dBA*
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):			**Ldn:**	**37**	**80**	**173**
			CNEL:	**41**	**87**	**188**

FHWA RD-77-108 NOISE PREDICTION MODEL

Scenario: POST-2035
Roadway: Minnewawa Avenue
Segment: Shaw to Ashlan

Project: CLOVIS GP UPDATE
Analyst: FS
Date: 16-Jun-14

ROADWAY INPUTS	
ADT	13,800
SPEED (mph)	40
ROAD NEAR-FAR LN. DIST.	12
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.0%	DAY	73.0%
% MT	2.4%	EVENING	14.0%
% HT	0.6%	NIGHT	13.0%

CALCULATION AREA	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	814	20	5	625	15	4	193	5	1
Speed in MPH	40	40	40	40	40	40	40	40	40
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	67.4	76.3	81.2	67.4	76.3	81.2	67.4	76.3	81.2
ADJUSTMENTS									
Flow	-2.2	-18.3	-24.3	-3.4	-19.4	-25.5	-8.5	-24.5	-30.5
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	60.5	53.4	52.2	59.4	52.3	51.1	54.3	47.2	46.0
VEHICULAR NOISE	DAY=	61.8	Leq	EVENING=	60.7	Leq	NIGHT=	55.6	Leq

RESULTS					
NOISE LEVELS AT	100	FEET FROM CENTERLINE (dBA):		**Ldn=**	**63.5**
				CNEL=	**64.1**
NOISE CONTOUR:				*70 dBA*	*65 dBA*	*60 dBA*
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):			**Ldn:**	**37**	**80**	**172**
			CNEL:	**40**	**87**	**188**

FHWA RD-77-108 NOISE PREDICTION MODEL

Scenario: POST-2035
Roadway: Minnewawa Avenue
Segment: Shepherd to Teague

Project: CLOVIS GP UPDATE
Analyst: FS
Date: 16-Jun-14

ROADWAY INPUTS	
ADT	22,000
SPEED (mph)	45
ROAD NEAR-FAR LN. DIST.	12
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.0%	DAY	73.0%
% MT	2.4%	EVENING	14.0%
% HT	0.6%	NIGHT	13.0%

CALCULATION AREA	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	1298	32	8	996	25	6	308	8	2
Speed in MPH	45	45	45	45	45	45	45	45	45
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	69.3	77.6	82.1	69.3	77.6	82.1	69.3	77.6	82.1
ADJUSTMENTS									
Flow	-0.7	-16.8	-22.8	-1.9	-17.9	-23.9	-6.9	-23.0	-29.0
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	64.0	56.2	54.7	62.9	55.1	53.6	57.8	50.0	48.5
VEHICULAR NOISE	DAY=	65.1	Leq	EVENING=	64.0	Leq	NIGHT=	58.9	Leq

RESULTS					
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):				**Ldn=**	**66.8**
				CNEL=	**67.4**
NOISE CONTOUR:			*70 dBA*	*65 dBA*	*60 dBA*
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):	**Ldn:**		**62**	**133**	**286**
	CNEL:		**67**	**145**	**312**

FHWA RD-77-108 NOISE PREDICTION MODEL

Scenario: POST-2035
Roadway: Clovis Avenue
Segment: Teague to Nees

Project: CLOVIS GP UPDATE
Analyst: FS
Date: 16-Jun-14

ROADWAY INPUTS	
ADT	23,300
SPEED (mph)	45
ROAD NEAR-FAR LN. DIST.	48
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.0%	DAY	73.0%
% MT	2.4%	EVENING	14.0%
% HT	0.6%	NIGHT	13.0%

CALCULATION AREA	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	1375	34	9	1055	26	7	326	8	2
Speed in MPH	45	45	45	45	45	45	45	45	45
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	69.3	77.6	82.1	69.3	77.6	82.1	69.3	77.6	82.1
ADJUSTMENTS									
Flow	-0.5	-16.5	-22.5	-1.6	-17.7	-23.7	-6.7	-22.8	-28.8
Distance	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	64.5	56.7	55.2	63.3	55.5	54.0	58.2	50.4	48.9
VEHICULAR NOISE	DAY=	65.5	Leq	EVENING=	64.4	Leq	NIGHT=	59.3	Leq

RESULTS					
NOISE LEVELS AT	100	FEET FROM CENTERLINE (dBA):		**Ldn=**	**67.3**
				CNEL=	**67.8**
NOISE CONTOUR:				*70 dBA*	*65 dBA*	*60 dBA*
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):			**Ldn:**	**66**	**142**	**305**
			CNEL:	**72**	**155**	**333**

FHWA RD-77-108 NOISE PREDICTION MODEL

Scenario: POST-2035
Roadway: Clovis Avenue
Segment: Nees to Alluvial

Project: CLOVIS GP UPDATE
Analyst: FS
Date: 16-Jun-14

ROADWAY INPUTS	
ADT	34,300
SPEED (mph)	45
ROAD NEAR-FAR LN. DIST.	48
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.0%	DAY	73.0%
% MT	2.4%	EVENING	14.0%
% HT	0.6%	NIGHT	13.0%

CALCULATION AREA	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	2024	50	13	1553	38	10	481	12	3
Speed in MPH	45	45	45	45	45	45	45	45	45
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	69.3	77.6	82.1	69.3	77.6	82.1	69.3	77.6	82.1
ADJUSTMENTS									
Flow	1.2	-14.8	-20.9	0.1	-16.0	-22.0	-5.0	-21.1	-27.1
Distance	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	66.1	58.4	56.9	65.0	57.2	55.7	59.9	52.1	50.6
VEHICULAR NOISE	DAY=	67.2	Leq	EVENING=	66.1	Leq	NIGHT=	61.0	Leq

RESULTS					
NOISE LEVELS AT	100	FEET FROM CENTERLINE (dBA):		**Ldn=**	**68.9**
				CNEL=	**69.5**
NOISE CONTOUR:				*70 dBA*	*65 dBA*	*60 dBA*
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):			**Ldn:**	**85**	**183**	**395**
			CNEL:	**93**	**200**	**431**

FHWA RD-77-108 NOISE PREDICTION MODEL

Scenario: POST-2035
Roadway: Clovis Avenue
Segment: Alluvial to Herndon

Project: CLOVIS GP UPDATE
Analyst: FS
Date: 16-Jun-14

ROADWAY INPUTS	
ADT	34,400
SPEED (mph)	45
ROAD NEAR-FAR LN. DIST.	48
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.0%	DAY	73.0%
% MT	2.4%	EVENING	14.0%
% HT	0.6%	NIGHT	13.0%

CALCULATION AREA	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	2030	50	13	1557	39	10	482	12	3
Speed in MPH	45	45	45	45	45	45	45	45	45
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	69.3	77.6	82.1	69.3	77.6	82.1	69.3	77.6	82.1
ADJUSTMENTS									
Flow	1.2	-14.8	-20.8	0.1	-16.0	-22.0	-5.0	-21.1	-27.1
Distance	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	66.2	58.4	56.9	65.0	57.2	55.7	59.9	52.1	50.6
VEHICULAR NOISE	DAY=	67.2	Leq	EVENING=	66.1	Leq	NIGHT=	61.0	Leq

RESULTS					
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):				**Ldn=**	**69.0**
				CNEL=	**69.5**
NOISE CONTOUR:			*70 dBA*	*65 dBA*	*60 dBA*
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):	**Ldn:**		**85**	**184**	**396**
	CNEL:		**93**	**200**	**432**

FHWA RD-77-108 NOISE PREDICTION MODEL

Scenario: POST-2035
Roadway: Clovis Avenue
Segment: Herndon to Third

Project: CLOVIS GP UPDATE
Analyst: FS
Date: 16-Jun-14

ROADWAY INPUTS	
ADT	42,200
SPEED (mph)	45
ROAD NEAR-FAR LN. DIST.	48
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.0%	DAY	73.0%
% MT	2.4%	EVENING	14.0%
% HT	0.6%	NIGHT	13.0%

CALCULATION AREA	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	2490	62	15	1910	47	12	591	15	4
Speed in MPH	45	45	45	45	45	45	45	45	45
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	69.3	77.6	82.1	69.3	77.6	82.1	69.3	77.6	82.1
ADJUSTMENTS									
Flow	2.1	-13.9	-20.0	1.0	-15.1	-21.1	-4.1	-20.2	-26.2
Distance	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	67.0	59.3	57.8	65.9	58.1	56.6	60.8	53.0	51.5
VEHICULAR NOISE	DAY=	68.1	Leq	EVENING=	67.0	Leq	NIGHT=	61.9	Leq

RESULTS					
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):				**Ldn=**	**69.8**
				CNEL=	**70.4**
NOISE CONTOUR:			*70 dBA*	*65 dBA*	*60 dBA*
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):	**Ldn:**		**98**	**211**	**454**
	CNEL:		**107**	**230**	**495**

FHWA RD-77-108 NOISE PREDICTION MODEL

Scenario: POST-2035
Roadway: Clovis Avenue
Segment: Third to Fifth

Project: CLOVIS GP UPDATE
Analyst: FS
Date: 16-Jun-14

ROADWAY INPUTS	
ADT	31,800
SPEED (mph)	45
ROAD NEAR-FAR LN. DIST.	48
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.0%	DAY	73.0%
% MT	2.4%	EVENING	14.0%
% HT	0.6%	NIGHT	13.0%

CALCULATION AREA	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	1876	46	12	1439	36	9	446	11	3
Speed in MPH	45	45	45	45	45	45	45	45	45
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	69.3	77.6	82.1	69.3	77.6	82.1	69.3	77.6	82.1
ADJUSTMENTS									
Flow	0.9	-15.2	-21.2	-0.3	-16.3	-22.3	-5.3	-21.4	-27.4
Distance	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	65.8	58.0	56.5	64.7	56.9	55.4	59.6	51.8	50.3
VEHICULAR NOISE	DAY=	66.9	Leq	EVENING=	65.7	Leq	NIGHT=	60.7	Leq

RESULTS				
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):			**Ldn=**	**68.6**
			CNEL=	**69.2**
NOISE CONTOUR:		*70 dBA*	*65 dBA*	*60 dBA*
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):	**Ldn:**	**81**	**174**	**376**
	CNEL:	**88**	**190**	**410**

FHWA RD-77-108 NOISE PREDICTION MODEL

Scenario: POST-2035
Roadway: Clovis Avenue
Segment: Fifth to Barstow

Project: CLOVIS GP UPDATE
Analyst: FS
Date: 16-Jun-14

ROADWAY INPUTS	
ADT	34,900
SPEED (mph)	45
ROAD NEAR-FAR LN. DIST.	48
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.0%	DAY	73.0%
% MT	2.4%	EVENING	14.0%
% HT	0.6%	NIGHT	13.0%

CALCULATION AREA	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	2059	51	13	1580	39	10	489	12	3
Speed in MPH	45	45	45	45	45	45	45	45	45
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	69.3	77.6	82.1	69.3	77.6	82.1	69.3	77.6	82.1
ADJUSTMENTS									
Flow	1.3	-14.8	-20.8	0.1	-15.9	-21.9	-4.9	-21.0	-27.0
Distance	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	66.2	58.4	56.9	65.1	57.3	55.8	60.0	52.2	50.7
VEHICULAR NOISE	DAY=	67.3	Leq	EVENING=	66.2	Leq	NIGHT=	61.1	Leq

RESULTS					
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):				**Ldn=**	**69.0**
				CNEL=	**69.6**
NOISE CONTOUR:			*70 dBA*	*65 dBA*	*60 dBA*
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		**Ldn:**	**86**	**185**	**400**
		CNEL:	**94**	**202**	**436**

FHWA RD-77-108 NOISE PREDICTION MODEL

Scenario: POST-2035
Roadway: Clovis Avenue
Segment: Barstow to Shaw

Project: CLOVIS GP UPDATE
Analyst: FS
Date: 16-Jun-14

ROADWAY INPUTS	
ADT	39,700
SPEED (mph)	45
ROAD NEAR-FAR LN. DIST.	48
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.0%	DAY	73.0%
% MT	2.4%	EVENING	14.0%
% HT	0.6%	NIGHT	13.0%

CALCULATION AREA	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	2343	58	14	1797	44	11	556	14	3
Speed in MPH	45	45	45	45	45	45	45	45	45
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	69.3	77.6	82.1	69.3	77.6	82.1	69.3	77.6	82.1
ADJUSTMENTS									
Flow	1.9	-14.2	-20.2	0.7	-15.4	-21.4	-4.4	-20.5	-26.5
Distance	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	66.8	59.0	57.5	65.6	57.8	56.3	60.5	52.7	51.2
VEHICULAR NOISE	DAY=	67.9	Leq	EVENING=	66.7	Leq	NIGHT=	61.6	Leq

RESULTS				
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):			**Ldn=**	**69.6**
			CNEL=	**70.2**
NOISE CONTOUR:		*70 dBA*	*65 dBA*	*60 dBA*
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):	**Ldn:**	**94**	**202**	**435**
	CNEL:	**102**	**220**	**475**

FHWA RD-77-108 NOISE PREDICTION MODEL

Scenario: POST-2035
Roadway: Clovis Avenue
Segment: Shaw to Ashlan

Project: CLOVIS GP UPDATE
Analyst: FS
Date: 16-Jun-14

ROADWAY INPUTS	
ADT	47,800
SPEED (mph)	45
ROAD NEAR-FAR LN. DIST.	48
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.0%	DAY	73.0%
% MT	2.4%	EVENING	14.0%
% HT	0.6%	NIGHT	13.0%

CALCULATION AREA	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	2821	70	17	2164	54	13	670	17	4
Speed in MPH	45	45	45	45	45	45	45	45	45
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	69.3	77.6	82.1	69.3	77.6	82.1	69.3	77.6	82.1
ADJUSTMENTS									
Flow	2.7	-13.4	-19.4	1.5	-14.6	-20.6	-3.6	-19.6	-25.7
Distance	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	67.6	59.8	58.3	66.4	58.6	57.1	61.3	53.6	52.0
VEHICULAR NOISE	DAY=	68.7	Leq	EVENING=	67.5	Leq	NIGHT=	62.4	Leq

RESULTS					
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):				**Ldn=**	**70.4**
				CNEL=	**71.0**
NOISE CONTOUR:			*70 dBA*	*65 dBA*	*60 dBA*
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		**Ldn:**	**106**	**229**	**493**
		CNEL:	**116**	**250**	**538**

FHWA RD-77-108 NOISE PREDICTION MODEL

Scenario: POST-2035
Roadway: Clovis Avenue
Segment: Ashlan to Shields

Project: CLOVIS GP UPDATE
Analyst: FS
Date: 16-Jun-14

ROADWAY INPUTS	
ADT	53,300
SPEED (mph)	45
ROAD NEAR-FAR LN. DIST.	72
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.0%	DAY	73.0%
% MT	2.4%	EVENING	14.0%
% HT	0.6%	NIGHT	13.0%

CALCULATION AREA	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	3145	78	19	2413	60	15	747	18	5
Speed in MPH	45	45	45	45	45	45	45	45	45
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	69.3	77.6	82.1	69.3	77.6	82.1	69.3	77.6	82.1
ADJUSTMENTS									
Flow	3.1	-12.9	-18.9	2.0	-14.1	-20.1	-3.1	-19.2	-25.2
Distance	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	68.3	60.5	59.0	67.2	59.4	57.9	62.1	54.3	52.8
VEHICULAR NOISE	DAY=	69.4	Leq	EVENING=	68.2	Leq	NIGHT=	63.2	Leq

RESULTS					
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):				**Ldn=**	**71.1**
				CNEL=	**71.7**
NOISE CONTOUR:			*70 dBA*	*65 dBA*	*60 dBA*
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):	**Ldn:**		**119**	**256**	**551**
	CNEL:		**130**	**279**	**602**

FHWA RD-77-108 NOISE PREDICTION MODEL

Scenario: POST-2035
Roadway: Clovis Avenue
Segment: Shields to McKinley

Project: CLOVIS GP UPDATE
Analyst: FS
Date: 16-Jun-14

ROADWAY INPUTS	
ADT	68,700
SPEED (mph)	45
ROAD NEAR-FAR LN. DIST.	72
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.0%	DAY	73.0%
% MT	2.4%	EVENING	14.0%
% HT	0.6%	NIGHT	13.0%

CALCULATION AREA	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	4054	100	25	3110	77	19	963	24	6
Speed in MPH	45	45	45	45	45	45	45	45	45
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	69.3	77.6	82.1	69.3	77.6	82.1	69.3	77.6	82.1
ADJUSTMENTS									
Flow	4.2	-11.8	-17.8	3.1	-13.0	-19.0	-2.0	-18.1	-24.1
Distance	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	69.4	61.6	60.1	68.3	60.5	59.0	63.2	55.4	53.9
VEHICULAR NOISE	DAY=	70.5	Leq	EVENING=	69.4	Leq	NIGHT=	64.3	Leq

RESULTS					
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):				**Ldn=**	**72.2**
				CNEL=	**72.8**
NOISE CONTOUR:			*70 dBA*	*65 dBA*	*60 dBA*
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):	**Ldn:**		**141**	**303**	**653**
	CNEL:		**153**	**331**	**712**

FHWA RD-77-108 NOISE PREDICTION MODEL

Scenario: POST-2035
Roadway: Sunnyside Avenue
Segment: North of Shepherd

Project: CLOVIS GP UPDATE
Analyst: FS
Date: 16-Jun-14

ROADWAY INPUTS	
ADT	10,600
SPEED (mph)	40
ROAD NEAR-FAR LN. DIST.	72
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.0%	DAY	73.0%
% MT	2.4%	EVENING	14.0%
% HT	0.6%	NIGHT	13.0%

CALCULATION AREA	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	625	15	4	480	12	3	149	4	1
Speed in MPH	40	40	40	40	40	40	40	40	40
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	67.4	76.3	81.2	67.4	76.3	81.2	67.4	76.3	81.2
ADJUSTMENTS									
Flow	-3.4	-19.4	-25.5	-4.5	-20.6	-26.6	-9.6	-25.7	-31.7
Distance	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	59.8	52.7	51.5	58.7	51.6	50.4	53.6	46.5	45.3
VEHICULAR NOISE	DAY=	61.1	Leq	EVENING=	60.0	Leq	NIGHT=	54.9	Leq

RESULTS					
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):				**Ldn=**	**62.8**
				CNEL=	**63.4**
NOISE CONTOUR:			*70 dBA*	*65 dBA*	*60 dBA*
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):	**Ldn:**		**33**	**72**	**154**
	CNEL:		**36**	**78**	**168**

FHWA RD-77-108 NOISE PREDICTION MODEL

Scenario: POST-2035
Roadway: Sunnyside Avenue
Segment: Shepherd to Nees

Project: CLOVIS GP UPDATE
Analyst: FS
Date: 16-Jun-14

ROADWAY INPUTS	
ADT	10,600
SPEED (mph)	40
ROAD NEAR-FAR LN. DIST.	12
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.0%	DAY	73.0%
% MT	2.4%	EVENING	14.0%
% HT	0.6%	NIGHT	13.0%

CALCULATION AREA

	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	625	15	4	480	12	3	149	4	1
Speed in MPH	40	40	40	40	40	40	40	40	40
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	67.4	76.3	81.2	67.4	76.3	81.2	67.4	76.3	81.2
ADJUSTMENTS									
Flow	-3.4	-19.4	-25.5	-4.5	-20.6	-26.6	-9.6	-25.7	-31.7
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	59.4	52.3	51.1	58.2	51.1	49.9	53.1	46.0	44.9
VEHICULAR NOISE	DAY=	60.7	Leq	EVENING=	59.5	Leq	NIGHT=	54.4	Leq

RESULTS

NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA): **Ldn= 62.4**
CNEL= 63.0

NOISE CONTOUR:		*70 dBA*	*65 dBA*	*60 dBA*
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):	**Ldn:**	**31**	**67**	**144**
	CNEL:	**34**	**73**	**157**

FHWA RD-77-108 NOISE PREDICTION MODEL

Scenario: POST-2035
Roadway: Sunnyside Avenue
Segment: Nees to Herndon

Project: CLOVIS GP UPDATE
Analyst: FS
Date: 16-Jun-14

ROADWAY INPUTS	
ADT	20,800
SPEED (mph)	45
ROAD NEAR-FAR LN. DIST.	12
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.0%	DAY	73.0%
% MT	2.4%	EVENING	14.0%
% HT	0.6%	NIGHT	13.0%

CALCULATION AREA	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	1227	30	8	942	23	6	291	7	2
Speed in MPH	45	45	45	45	45	45	45	45	45
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	69.3	77.6	82.1	69.3	77.6	82.1	69.3	77.6	82.1
ADJUSTMENTS									
Flow	-0.9	-17.0	-23.0	-2.1	-18.2	-24.2	-7.2	-23.3	-29.3
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	63.8	56.0	54.5	62.6	54.8	53.3	57.5	49.8	48.3
VEHICULAR NOISE	DAY=	64.9	Leq	EVENING=	63.7	Leq	NIGHT=	58.6	Leq

RESULTS					
NOISE LEVELS AT	100	FEET FROM CENTERLINE (dBA):		**Ldn=**	**66.6**
				CNEL=	**67.2**
NOISE CONTOUR:				*70 dBA*	*65 dBA*	*60 dBA*
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):			**Ldn:**	**59**	**128**	**275**
			CNEL:	**65**	**139**	**300**

FHWA RD-77-108 NOISE PREDICTION MODEL

Scenario: POST-2035
Roadway: Sunnyside Avenue
Segment: Herndon to Fifth

Project: CLOVIS GP UPDATE
Analyst: FS
Date: 16-Jun-14

ROADWAY INPUTS	
ADT	18,500
SPEED (mph)	45
ROAD NEAR-FAR LN. DIST.	48
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.0%	DAY	73.0%
% MT	2.4%	EVENING	14.0%
% HT	0.6%	NIGHT	13.0%

CALCULATION AREA	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	1092	27	7	837	21	5	259	6	2
Speed in MPH	45	45	45	45	45	45	45	45	45
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	69.3	77.6	82.1	69.3	77.6	82.1	69.3	77.6	82.1
ADJUSTMENTS									
Flow	-1.5	-17.5	-23.5	-2.6	-18.7	-24.7	-7.7	-23.8	-29.8
Distance	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	63.5	55.7	54.2	62.3	54.5	53.0	57.2	49.4	47.9
VEHICULAR NOISE	DAY=	64.5	Leq	EVENING=	63.4	Leq	NIGHT=	58.3	Leq

RESULTS					
NOISE LEVELS AT	100	FEET FROM CENTERLINE (dBA):		**Ldn=**	**66.3**
				CNEL=	**66.8**
NOISE CONTOUR:				*70 dBA*	*65 dBA*	*60 dBA*
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):			**Ldn:**	**56**	**121**	**262**
			CNEL:	**62**	**133**	**286**

FHWA RD-77-108 NOISE PREDICTION MODEL

Scenario: POST-2035
Roadway: Sunnyside Avenue
Segment: Fifth to Shaw

Project: CLOVIS GP UPDATE
Analyst: FS
Date: 16-Jun-14

ROADWAY INPUTS	
ADT	21,000
SPEED (mph)	45
ROAD NEAR-FAR LN. DIST.	48
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.0%	DAY	73.0%
% MT	2.4%	EVENING	14.0%
% HT	0.6%	NIGHT	13.0%

CALCULATION AREA	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	1239	31	8	951	24	6	294	7	2
Speed in MPH	45	45	45	45	45	45	45	45	45
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	69.3	77.6	82.1	69.3	77.6	82.1	69.3	77.6	82.1
ADJUSTMENTS									
Flow	-0.9	-17.0	-23.0	-2.1	-18.1	-24.1	-7.2	-23.2	-29.2
Distance	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	64.0	56.2	54.7	62.9	55.1	53.6	57.8	50.0	48.5
VEHICULAR NOISE	DAY=	65.1	Leq	EVENING=	63.9	Leq	NIGHT=	58.9	Leq

RESULTS					
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):				**Ldn=**	**66.8**
				CNEL=	**67.4**
NOISE CONTOUR:			*70 dBA*	*65 dBA*	*60 dBA*
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):	**Ldn:**		**61**	**132**	**285**
	CNEL:		**67**	**144**	**311**

FHWA RD-77-108 NOISE PREDICTION MODEL

Scenario: POST-2035
Roadway: Sunnyside Avenue
Segment: Behymer to Shepherd

Project: CLOVIS GP UPDATE
Analyst: FS
Date: 16-Jun-14

ROADWAY INPUTS	
ADT	8,100
SPEED (mph)	40
ROAD NEAR-FAR LN. DIST.	48
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.0%	DAY	73.0%
% MT	2.4%	EVENING	14.0%
% HT	0.6%	NIGHT	13.0%

CALCULATION AREA	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	478	12	3	367	9	2	113	3	1
Speed in MPH	40	40	40	40	40	40	40	40	40
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	67.4	76.3	81.2	67.4	76.3	81.2	67.4	76.3	81.2
ADJUSTMENTS									
Flow	-4.5	-20.6	-26.6	-5.7	-21.7	-27.8	-10.8	-26.8	-32.9
Distance	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	58.4	51.3	50.1	57.2	50.1	49.0	52.2	45.0	43.9
VEHICULAR NOISE	DAY=	59.7	Leq	EVENING=	58.5	Leq	NIGHT=	53.4	Leq

RESULTS					
NOISE LEVELS AT	100	FEET FROM CENTERLINE (dBA):		**Ldn=**	**61.4**
				CNEL=	**62.0**
NOISE CONTOUR:				*70 dBA*	*65 dBA*	*60 dBA*
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):			**Ldn:**	**27**	**58**	**124**
			CNEL:	**29**	**63**	**135**

FHWA RD-77-108 NOISE PREDICTION MODEL

Scenario: POST-2035
Roadway: Fowler Avenue
Segment: Shepherd to Nees

Project: CLOVIS GP UPDATE
Analyst: FS
Date: 16-Jun-14

ROADWAY INPUTS	
ADT	21,400
SPEED (mph)	45
ROAD NEAR-FAR LN. DIST.	12
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.0%	DAY	73.0%
% MT	2.4%	EVENING	14.0%
% HT	0.6%	NIGHT	13.0%

CALCULATION AREA	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	1263	31	8	969	24	6	300	7	2
Speed in MPH	45	45	45	45	45	45	45	45	45
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	69.3	77.6	82.1	69.3	77.6	82.1	69.3	77.6	82.1
ADJUSTMENTS									
Flow	-0.8	-16.9	-22.9	-2.0	-18.0	-24.1	-7.1	-23.1	-29.2
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	63.9	56.1	54.6	62.8	55.0	53.5	57.7	49.9	48.4
VEHICULAR NOISE	DAY=	65.0	Leq	EVENING=	63.8	Leq	NIGHT=	58.8	Leq

RESULTS					
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):				**Ldn=**	**66.7**
				CNEL=	**67.3**
NOISE CONTOUR:			*70 dBA*	*65 dBA*	*60 dBA*
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):	**Ldn:**		**60**	**130**	**280**
	CNEL:		**66**	**142**	**306**

FHWA RD-77-108 NOISE PREDICTION MODEL

Scenario: POST-2035
Roadway: Fowler Avenue
Segment: Nees to SR 168

Project: CLOVIS GP UPDATE
Analyst: FS
Date: 16-Jun-14

ROADWAY INPUTS	
ADT	26,400
SPEED (mph)	45
ROAD NEAR-FAR LN. DIST.	48
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.0%	DAY	73.0%
% MT	2.4%	EVENING	14.0%
% HT	0.6%	NIGHT	13.0%

CALCULATION AREA	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	1558	39	10	1195	30	7	370	9	2
Speed in MPH	45	45	45	45	45	45	45	45	45
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	69.3	77.6	82.1	69.3	77.6	82.1	69.3	77.6	82.1
ADJUSTMENTS									
Flow	0.1	-16.0	-22.0	-1.1	-17.1	-23.2	-6.2	-22.2	-28.2
Distance	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	65.0	57.2	55.7	63.9	56.1	54.6	58.8	51.0	49.5
VEHICULAR NOISE	DAY=	66.1	Leq	EVENING=	64.9	Leq	NIGHT=	59.8	Leq

RESULTS					
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):				**Ldn=**	**67.8**
				CNEL=	**68.4**
NOISE CONTOUR:			*70 dBA*	*65 dBA*	*60 dBA*
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		**Ldn:**	**71**	**154**	**332**
		CNEL:	**78**	**168**	**362**

FHWA RD-77-108 NOISE PREDICTION MODEL

Scenario: POST-2035
Roadway: Fowler Avenue
Segment: SR 168 to Herndon

Project: CLOVIS GP UPDATE
Analyst: FS
Date: 16-Jun-14

ROADWAY INPUTS	
ADT	47,200
SPEED (mph)	45
ROAD NEAR-FAR LN. DIST.	48
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.0%	DAY	73.0%
% MT	2.4%	EVENING	14.0%
% HT	0.6%	NIGHT	13.0%

CALCULATION AREA	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	2785	69	17	2137	53	13	661	16	4
Speed in MPH	45	45	45	45	45	45	45	45	45
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	69.3	77.6	82.1	69.3	77.6	82.1	69.3	77.6	82.1
ADJUSTMENTS									
Flow	2.6	-13.5	-19.5	1.5	-14.6	-20.6	-3.6	-19.7	-25.7
Distance	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	67.5	59.7	58.2	66.4	58.6	57.1	61.3	53.5	52.0
VEHICULAR NOISE	DAY=	68.6	Leq	EVENING=	67.5	Leq	NIGHT=	62.4	Leq

RESULTS				
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):			**Ldn=**	**70.3**
			CNEL=	**70.9**
NOISE CONTOUR:		*70 dBA*	*65 dBA*	*60 dBA*
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):	**Ldn:**	**105**	**227**	**489**
	CNEL:	**115**	**247**	**533**

FHWA RD-77-108 NOISE PREDICTION MODEL

Scenario: POST-2035
Roadway: Fowler Avenue
Segment: Herndon to Tollhouse

Project: CLOVIS GP UPDATE
Analyst: FS
Date: 16-Jun-14

ROADWAY INPUTS	
ADT	44,500
SPEED (mph)	45
ROAD NEAR-FAR LN. DIST.	48
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.0%	DAY	73.0%
% MT	2.4%	EVENING	14.0%
% HT	0.6%	NIGHT	13.0%

CALCULATION AREA	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	2626	65	16	2014	50	12	623	15	4
Speed in MPH	45	45	45	45	45	45	45	45	45
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	69.3	77.6	82.1	69.3	77.6	82.1	69.3	77.6	82.1
ADJUSTMENTS									
Flow	2.4	-13.7	-19.7	1.2	-14.9	-20.9	-3.9	-20.0	-26.0
Distance	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	67.3	59.5	58.0	66.1	58.3	56.8	61.0	53.2	51.7
VEHICULAR NOISE	DAY=	68.4	Leq	EVENING=	67.2	Leq	NIGHT=	62.1	Leq

RESULTS					
NOISE LEVELS AT	100	FEET FROM CENTERLINE (dBA):		**Ldn=**	**70.1**
				CNEL=	**70.6**
NOISE CONTOUR:				*70 dBA*	*65 dBA*	*60 dBA*
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):			**Ldn:**	**101**	**218**	**470**
			CNEL:	**110**	**238**	**513**

FHWA RD-77-108 NOISE PREDICTION MODEL

Scenario: POST-2035
Roadway: Fowler Avenue
Segment: Tollhouse to Bullard

Project: CLOVIS GP UPDATE
Analyst: FS
Date: 16-Jun-14

ROADWAY INPUTS	
ADT	36,200
SPEED (mph)	45
ROAD NEAR-FAR LN. DIST.	48
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.0%	DAY	73.0%
% MT	2.4%	EVENING	14.0%
% HT	0.6%	NIGHT	13.0%

CALCULATION AREA	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	2136	53	13	1639	41	10	507	13	3
Speed in MPH	45	45	45	45	45	45	45	45	45
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	69.3	77.6	82.1	69.3	77.6	82.1	69.3	77.6	82.1
ADJUSTMENTS									
Flow	1.5	-14.6	-20.6	0.3	-15.8	-21.8	-4.8	-20.9	-26.9
Distance	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	66.4	58.6	57.1	65.2	57.4	55.9	60.1	52.3	50.8
VEHICULAR NOISE	DAY=	67.5	Leq	EVENING=	66.3	Leq	NIGHT=	61.2	Leq

RESULTS					
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):				**Ldn=**	**69.2**
				CNEL=	**69.8**
NOISE CONTOUR:			*70 dBA*	*65 dBA*	*60 dBA*
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		**Ldn:**	**88**	**190**	**409**
		CNEL:	**96**	**207**	**447**

FHWA RD-77-108 NOISE PREDICTION MODEL

Scenario: POST-2035
Roadway: Fowler Avenue
Segment: Bullard to Shaw

Project: CLOVIS GP UPDATE
Analyst: FS
Date: 16-Jun-14

ROADWAY INPUTS	
ADT	36,100
SPEED (mph)	45
ROAD NEAR-FAR LN. DIST.	48
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.0%	DAY	73.0%
% MT	2.4%	EVENING	14.0%
% HT	0.6%	NIGHT	13.0%

CALCULATION AREA

	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	2130	53	13	1634	40	10	506	13	3
Speed in MPH	45	45	45	45	45	45	45	45	45
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	69.3	77.6	82.1	69.3	77.6	82.1	69.3	77.6	82.1
ADJUSTMENTS									
Flow	1.4	-14.6	-20.6	0.3	-15.8	-21.8	-4.8	-20.9	-26.9
Distance	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	66.4	58.6	57.1	65.2	57.4	55.9	60.1	52.3	50.8
VEHICULAR NOISE	DAY=	67.4	Leq	EVENING=	66.3	Leq	NIGHT=	61.2	Leq

RESULTS

NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA): **Ldn= 69.2** **CNEL= 69.7**

NOISE CONTOUR:		*70 dBA*	*65 dBA*	*60 dBA*
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):	**Ldn:**	**88**	**190**	**409**
	CNEL:	**96**	**207**	**446**

FHWA RD-77-108 NOISE PREDICTION MODEL

Scenario: POST-2035
Roadway: Fowler Avenue
Segment: Shaw to Gettsyburg

Project: CLOVIS GP UPDATE
Analyst: FS
Date: 16-Jun-14

ROADWAY INPUTS	
ADT	33,600
SPEED (mph)	45
ROAD NEAR-FAR LN. DIST.	48
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.0%	DAY	73.0%
% MT	2.4%	EVENING	14.0%
% HT	0.6%	NIGHT	13.0%

CALCULATION AREA	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	1983	49	12	1521	38	9	471	12	3
Speed in MPH	45	45	45	45	45	45	45	45	45
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	69.3	77.6	82.1	69.3	77.6	82.1	69.3	77.6	82.1
ADJUSTMENTS									
Flow	1.1	-14.9	-21.0	0.0	-16.1	-22.1	-5.1	-21.2	-27.2
Distance	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	66.1	58.3	56.8	64.9	57.1	55.6	59.8	52.0	50.5
VEHICULAR NOISE	DAY=	67.1	Leq	EVENING=	66.0	Leq	NIGHT=	60.9	Leq

RESULTS					
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):				**Ldn=**	**68.9**
				CNEL=	**69.4**
NOISE CONTOUR:			*70 dBA*	*65 dBA*	*60 dBA*
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):	**Ldn:**		**84**	**181**	**390**
	CNEL:		**92**	**197**	**425**

FHWA RD-77-108 NOISE PREDICTION MODEL

Scenario: POST-2035
Roadway: Fowler Avenue
Segment: Gettysburg to Ashlan

Project: CLOVIS GP UPDATE
Analyst: FS
Date: 16-Jun-14

ROADWAY INPUTS	
ADT	37,300
SPEED (mph)	45
ROAD NEAR-FAR LN. DIST.	48
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.0%	DAY	73.0%
% MT	2.4%	EVENING	14.0%
% HT	0.6%	NIGHT	13.0%

CALCULATION AREA	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	2201	54	14	1688	42	10	523	13	3
Speed in MPH	45	45	45	45	45	45	45	45	45
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	69.3	77.6	82.1	69.3	77.6	82.1	69.3	77.6	82.1
ADJUSTMENTS									
Flow	1.6	-14.5	-20.5	0.4	-15.6	-21.6	-4.7	-20.7	-26.7
Distance	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	66.5	58.7	57.2	65.4	57.6	56.1	60.3	52.5	51.0
VEHICULAR NOISE	DAY=	67.6	Leq	EVENING=	66.4	Leq	NIGHT=	61.3	Leq

RESULTS					
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):				**Ldn=**	**69.3**
				CNEL=	**69.9**
NOISE CONTOUR:			*70 dBA*	*65 dBA*	*60 dBA*
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):	**Ldn:**		**90**	**194**	**418**
	CNEL:		**98**	**212**	**456**

FHWA RD-77-108 NOISE PREDICTION MODEL

Scenario: POST-2035
Roadway: Fowler Avenue
Segment: Ashlan to Shields

Project: CLOVIS GP UPDATE
Analyst: FS
Date: 16-Jun-14

ROADWAY INPUTS	
ADT	29,600
SPEED (mph)	45
ROAD NEAR-FAR LN. DIST.	48
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.0%	DAY	73.0%
% MT	2.4%	EVENING	14.0%
% HT	0.6%	NIGHT	13.0%

CALCULATION AREA	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	1747	43	11	1340	33	8	415	10	3
Speed in MPH	45	45	45	45	45	45	45	45	45
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	69.3	77.6	82.1	69.3	77.6	82.1	69.3	77.6	82.1
ADJUSTMENTS									
Flow	0.6	-15.5	-21.5	-0.6	-16.6	-22.7	-5.7	-21.7	-27.7
Distance	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	65.5	57.7	56.2	64.4	56.6	55.1	59.3	51.5	50.0
VEHICULAR NOISE	DAY=	66.6	Leq	EVENING=	65.4	Leq	NIGHT=	60.3	Leq

RESULTS					
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):				**Ldn=**	**68.3**
				CNEL=	**68.9**
NOISE CONTOUR:			*70 dBA*	*65 dBA*	*60 dBA*
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):	**Ldn:**		**77**	**166**	**358**
	CNEL:		**84**	**181**	**391**

FHWA RD-77-108 NOISE PREDICTION MODEL

Scenario: POST-2035
Roadway: Fowler Avenue
Segment: Shields to SR 180

Project: CLOVIS GP UPDATE
Analyst: FS
Date: 16-Jun-14

ROADWAY INPUTS	
ADT	34,200
SPEED (mph)	45
ROAD NEAR-FAR LN. DIST.	48
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.0%	DAY	73.0%
% MT	2.4%	EVENING	14.0%
% HT	0.6%	NIGHT	13.0%

CALCULATION AREA	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	2018	50	12	1548	38	10	479	12	3
Speed in MPH	45	45	45	45	45	45	45	45	45
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	69.3	77.6	82.1	69.3	77.6	82.1	69.3	77.6	82.1
ADJUSTMENTS									
Flow	1.2	-14.9	-20.9	0.1	-16.0	-22.0	-5.0	-21.1	-27.1
Distance	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	66.1	58.3	56.8	65.0	57.2	55.7	59.9	52.1	50.6
VEHICULAR NOISE	DAY=	67.2	Leq	EVENING=	66.1	Leq	NIGHT=	61.0	Leq

RESULTS					
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):				**Ldn=**	**68.9**
				CNEL=	**69.5**
NOISE CONTOUR:			*70 dBA*	*65 dBA*	*60 dBA*
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		**Ldn:**	**85**	**183**	**394**
		CNEL:	**93**	**200**	**430**

FHWA RD-77-108 NOISE PREDICTION MODEL

Scenario: POST-2035
Roadway: Fowler Avenue
Segment: Nees to Herndon

Project: CLOVIS GP UPDATE
Analyst: FS
Date: 16-Jun-14

ROADWAY INPUTS	
ADT	30,800
SPEED (mph)	45
ROAD NEAR-FAR LN. DIST.	48
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.0%	DAY	73.0%
% MT	2.4%	EVENING	14.0%
% HT	0.6%	NIGHT	13.0%

CALCULATION AREA	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	1817	45	11	1394	34	9	432	11	3
Speed in MPH	45	45	45	45	45	45	45	45	45
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	69.3	77.6	82.1	69.3	77.6	82.1	69.3	77.6	82.1
ADJUSTMENTS									
Flow	0.8	-15.3	-21.3	-0.4	-16.5	-22.5	-5.5	-21.6	-27.6
Distance	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	65.7	57.9	56.4	64.5	56.7	55.2	59.4	51.6	50.1
VEHICULAR NOISE	DAY=	66.8	Leq	EVENING=	65.6	Leq	NIGHT=	60.5	Leq

RESULTS					
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):				**Ldn=**	**68.5**
				CNEL=	**69.0**
NOISE CONTOUR:			*70 dBA*	*65 dBA*	*60 dBA*
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):	**Ldn:**		**79**	**171**	**368**
	CNEL:		**86**	**186**	**401**

FHWA RD-77-108 NOISE PREDICTION MODEL

Scenario: POST-2035
Roadway: Armstrong Avenue
Segment: Herndon to Bullard

Project: CLOVIS GP UPDATE
Analyst: FS
Date: 16-Jun-14

ROADWAY INPUTS	
ADT	15,400
SPEED (mph)	40
ROAD NEAR-FAR LN. DIST.	48
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.0%	DAY	73.0%
% MT	2.4%	EVENING	14.0%
% HT	0.6%	NIGHT	13.0%

CALCULATION AREA

	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	909	22	6	697	17	4	216	5	1
Speed in MPH	40	40	40	40	40	40	40	40	40
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	67.4	76.3	81.2	67.4	76.3	81.2	67.4	76.3	81.2
ADJUSTMENTS									
Flow	-1.7	-17.8	-23.8	-2.9	-19.0	-25.0	-8.0	-24.1	-30.1
Distance	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	61.2	54.1	52.9	60.0	52.9	51.8	54.9	47.8	46.7
VEHICULAR NOISE	DAY=	62.5	Leq	EVENING=	61.3	Leq	NIGHT=	56.2	Leq

RESULTS

NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA): **Ldn= 64.2** **CNEL= 64.8**

NOISE CONTOUR:		*70 dBA*	*65 dBA*	*60 dBA*
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):	**Ldn:**	**41**	**88**	**190**
	CNEL:	**45**	**96**	**208**

FHWA RD-77-108 NOISE PREDICTION MODEL

Scenario: POST-2035
Roadway: Armstrong Avenue
Segment: Bullard to Shaw

Project: CLOVIS GP UPDATE
Analyst: FS
Date: 16-Jun-14

ROADWAY INPUTS	
ADT	18,200
SPEED (mph)	40
ROAD NEAR-FAR LN. DIST.	12
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.0%	DAY	73.0%
% MT	2.4%	EVENING	14.0%
% HT	0.6%	NIGHT	13.0%

CALCULATION AREA

	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	1074	27	7	824	20	5	255	6	2
Speed in MPH	40	40	40	40	40	40	40	40	40
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	67.4	76.3	81.2	67.4	76.3	81.2	67.4	76.3	81.2
ADJUSTMENTS									
Flow	-1.0	-17.1	-23.1	-2.2	-18.2	-24.3	-7.3	-23.3	-29.3
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	61.7	54.6	53.4	60.6	53.5	52.3	55.5	48.4	47.2
VEHICULAR NOISE	DAY=	63.0	Leq	EVENING=	61.9	Leq	NIGHT=	56.8	Leq

RESULTS

NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA): **Ldn= 64.7** **CNEL= 65.3**

NOISE CONTOUR:		*70 dBA*	*65 dBA*	*60 dBA*
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):	**Ldn:**	**45**	**96**	**207**
	CNEL:	**49**	**105**	**226**

FHWA RD-77-108 NOISE PREDICTION MODEL

Scenario: POST-2035
Roadway: Armstrong Avenue
Segment: Shaw to Gettsyburg

Project: CLOVIS GP UPDATE
Analyst: FS
Date: 16-Jun-14

ROADWAY INPUTS	
ADT	12,800
SPEED (mph)	40
ROAD NEAR-FAR LN. DIST.	12
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.0%	DAY	73.0%
% MT	2.4%	EVENING	14.0%
% HT	0.6%	NIGHT	13.0%

CALCULATION AREA	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	755	19	5	579	14	4	179	4	1
Speed in MPH	40	40	40	40	40	40	40	40	40
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	67.4	76.3	81.2	67.4	76.3	81.2	67.4	76.3	81.2
ADJUSTMENTS									
Flow	-2.5	-18.6	-24.6	-3.7	-19.8	-25.8	-8.8	-24.9	-30.9
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	60.2	53.1	51.9	59.1	51.9	50.8	54.0	46.8	45.7
VEHICULAR NOISE	DAY=	61.5	Leq	EVENING=	60.3	Leq	NIGHT=	55.2	Leq

RESULTS					
NOISE LEVELS AT	100	FEET FROM CENTERLINE (dBA):		**Ldn=**	**63.2**
				CNEL=	**63.8**
NOISE CONTOUR:				*70 dBA*	*65 dBA*	*60 dBA*
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):			**Ldn:**	**35**	**76**	**164**
			CNEL:	**38**	**83**	**178**

FHWA RD-77-108 NOISE PREDICTION MODEL

Scenario: POST-2035
Roadway: Armstrong Avenue
Segment: Gettysburg to Ashlan

Project: CLOVIS GP UPDATE
Analyst: FS
Date: 16-Jun-14

ROADWAY INPUTS	
ADT	14,800
SPEED (mph)	40
ROAD NEAR-FAR LN. DIST.	12
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.0%	DAY	73.0%
% MT	2.4%	EVENING	14.0%
% HT	0.6%	NIGHT	13.0%

CALCULATION AREA	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	873	22	5	670	17	4	207	5	1
Speed in MPH	40	40	40	40	40	40	40	40	40
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	67.4	76.3	81.2	67.4	76.3	81.2	67.4	76.3	81.2
ADJUSTMENTS									
Flow	-1.9	-18.0	-24.0	-3.1	-19.1	-25.2	-8.2	-24.2	-30.2
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	60.8	53.7	52.5	59.7	52.6	51.4	54.6	47.5	46.3
VEHICULAR NOISE	DAY=	62.1	Leq	EVENING=	61.0	Leq	NIGHT=	55.9	Leq

RESULTS					
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):				**Ldn=**	**63.8**
				CNEL=	**64.4**
NOISE CONTOUR:			*70 dBA*	*65 dBA*	*60 dBA*
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):	**Ldn:**		**39**	**84**	**180**
	CNEL:		**42**	**91**	**197**

FHWA RD-77-108 NOISE PREDICTION MODEL

Scenario: POST-2035
Roadway: Armstrong Avenue
Segment: Ashlan to Dakota

Project: CLOVIS GP UPDATE
Analyst: FS
Date: 16-Jun-14

ROADWAY INPUTS	
ADT	20,900
SPEED (mph)	45
ROAD NEAR-FAR LN. DIST.	12
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.0%	DAY	73.0%
% MT	2.4%	EVENING	14.0%
% HT	0.6%	NIGHT	13.0%

CALCULATION AREA	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	1233	31	8	946	23	6	293	7	2
Speed in MPH	45	45	45	45	45	45	45	45	45
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	69.3	77.6	82.1	69.3	77.6	82.1	69.3	77.6	82.1
ADJUSTMENTS									
Flow	-0.9	-17.0	-23.0	-2.1	-18.1	-24.2	-7.2	-23.2	-29.3
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	63.8	56.0	54.5	62.7	54.9	53.4	57.6	49.8	48.3
VEHICULAR NOISE	DAY=	64.9	Leq	EVENING=	63.7	Leq	NIGHT=	58.7	Leq

RESULTS					
NOISE LEVELS AT	100	FEET FROM CENTERLINE (dBA):		**Ldn=**	**66.6**
				CNEL=	**67.2**
NOISE CONTOUR:				*70 dBA*	*65 dBA*	*60 dBA*
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):			**Ldn:**	**59**	**128**	**276**
			CNEL:	**65**	**140**	**301**

FHWA RD-77-108 NOISE PREDICTION MODEL

Scenario: POST-2035
Roadway: Armstrong Avenue
Segment: Dakota to Shields

Project: CLOVIS GP UPDATE
Analyst: FS
Date: 16-Jun-14

ROADWAY INPUTS	
ADT	15,500
SPEED (mph)	45
ROAD NEAR-FAR LN. DIST.	48
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.0%	DAY	73.0%
% MT	2.4%	EVENING	14.0%
% HT	0.6%	NIGHT	13.0%

CALCULATION AREA	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	915	23	6	702	17	4	217	5	1
Speed in MPH	45	45	45	45	45	45	45	45	45
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	69.3	77.6	82.1	69.3	77.6	82.1	69.3	77.6	82.1
ADJUSTMENTS									
Flow	-2.2	-18.3	-24.3	-3.4	-19.4	-25.5	-8.5	-24.5	-30.6
Distance	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	62.7	54.9	53.4	61.5	53.8	52.3	56.4	48.7	47.2
VEHICULAR NOISE	DAY=	63.8	Leq	EVENING=	62.6	Leq	NIGHT=	57.5	Leq

RESULTS					
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):				**Ldn=**	**65.5**
				CNEL=	**66.1**
NOISE CONTOUR:			*70 dBA*	*65 dBA*	*60 dBA*
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):	**Ldn:**		**50**	**108**	**233**
	CNEL:		**55**	**118**	**254**

FHWA RD-77-108 NOISE PREDICTION MODEL

Scenario: POST-2035
Roadway: Temperance Avenue
Segment: Shepherd to Nees

Project: CLOVIS GP UPDATE
Analyst: FS
Date: 16-Jun-14

ROADWAY INPUTS	
ADT	42,900
SPEED (mph)	45
ROAD NEAR-FAR LN. DIST.	48
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.0%	DAY	73.0%
% MT	2.4%	EVENING	14.0%
% HT	0.6%	NIGHT	13.0%

CALCULATION AREA	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	2531	63	16	1942	48	12	601	15	4
Speed in MPH	45	45	45	45	45	45	45	45	45
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	69.3	77.6	82.1	69.3	77.6	82.1	69.3	77.6	82.1
ADJUSTMENTS									
Flow	2.2	-13.9	-19.9	1.0	-15.0	-21.0	-4.0	-20.1	-26.1
Distance	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	67.1	59.3	57.8	66.0	58.2	56.7	60.9	53.1	51.6
VEHICULAR NOISE	DAY=	68.2	Leq	EVENING=	67.0	Leq	NIGHT=	62.0	Leq

RESULTS					
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):				**Ldn=**	**69.9**
				CNEL=	**70.5**
NOISE CONTOUR:			*70 dBA*	*65 dBA*	*60 dBA*
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):	**Ldn:**		**99**	**213**	**459**
	CNEL:		**108**	**232**	**500**

FHWA RD-77-108 NOISE PREDICTION MODEL

Scenario: POST-2035
Roadway: Temperance Avenue
Segment: Nees to SR 168

Project: CLOVIS GP UPDATE
Analyst: FS
Date: 16-Jun-14

ROADWAY INPUTS	
ADT	42,900
SPEED (mph)	45
ROAD NEAR-FAR LN. DIST.	48
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.0%	DAY	73.0%
% MT	2.4%	EVENING	14.0%
% HT	0.6%	NIGHT	13.0%

CALCULATION AREA	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	2531	63	16	1942	48	12	601	15	4
Speed in MPH	45	45	45	45	45	45	45	45	45
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	69.3	77.6	82.1	69.3	77.6	82.1	69.3	77.6	82.1
ADJUSTMENTS									
Flow	2.2	-13.9	-19.9	1.0	-15.0	-21.0	-4.0	-20.1	-26.1
Distance	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	67.1	59.3	57.8	66.0	58.2	56.7	60.9	53.1	51.6
VEHICULAR NOISE	DAY=	68.2	Leq	EVENING=	67.0	Leq	NIGHT=	62.0	Leq

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ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):			**Ldn:**	**99**	**213**	**459**
			CNEL:	**108**	**232**	**500**

Appendix I

Fiscal Impact Analysis

Appendices

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Fiscal Analysis

Clovis General Plan Update

Final, May 2014

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Executive Summary

Managing a municipal corporation is a challenging endeavor. Cities, like businesses, have to manage their operations to preserve the bottom line. Both have costs for their workforce, facilities maintenance, acquiring needed goods and services, even electricity bills. And the ability to attract, retain, and develop a skilled and qualified workforce drives the long-term ability of businesses and local governments to effectively control costs and maintain quality.

Unlike most governmental agencies, however, many private sector businesses have vigorous top-line strategies—marketing and advertising, innovating new products and services, and expanding geographic trade areas. These top-line strategies drive revenues that flow into businesses. And businesses with growing top-line revenues do not have to focus as ruthlessly on their bottom-line management to stay alive.

In reality, cities do manage their top line. Many do not realize they have a top line, and most do not talk about it as such. Nevertheless, for local governments, how land is used in their cities—for residences, producing goods and services, or leisure-time activities—determines almost exclusively how much money city hall takes in each year. And each city's general plan is their top-line management strategy, whether or not they treat it that way.

For the Clovis General Plan Update, the city identified achieving and maintaining a healthy fiscal balance as a key objective. Throughout the process, city staff, the General Plan Advisory Committee, and the Planning Commission and City Council have continuously reinforced that the General Plan needed to ensure that Clovis would be building a city it could afford to own.

This report presents a fiscal analysis of the proposed General Plan land use plan. It is the first measure of how well the objective of planning for a fiscal balance has been achieved. One may also think of the fiscal analysis as the basis for the city's business plan because it directly links the major element of the city's top-line strategy (the General Plan) to the city's bottom-line strategy (municipal operations) and to the annual budget.

Basic Fiscal Findings

The analysis projects that total expenditures in 2035[1] would likely exceed total revenues by $12.0 million, a deficit of 4.8 percent of expenditures (with a deficit range of 2.0 to 8.8 percent).[2] With the number of assumptions that go into forecasting economic and market conditions 20 years out, one should regard a result within plus or minus 5 percent as being essentially balanced. Thus, the forecast deficit of 4.8 percent likely represents a manageable challenge.

Governmental activities,[3] however, represent a more substantive long-term problem. The analysis projects that expenditures for governmental activities in 2035 would likely exceed revenues by $18.8 million, a deficit of 16.5 percent of expenditures (with a deficit range of 11.8 percent to 24.9 percent). The size of the likely deficit and the fact that even under optimistic assumptions there would be a significant deficit suggest that balancing the general fund will not be easily manageable and may require structural changes over time. Subse-

[1] The analysis reports results for the year 2035 as the key metric for evaluating the plan's fiscal sustainability. The analysis provides less reliable results for the full buildout of the General Plan, which could be 80 years hence. The time horizon is discussed on page 9.

[2] The analysis reports results under three scenarios: the primary forecast, a more optimistic scenario, and a more pessimistic. The assumptions underlying the three scenarios are discussed on page 11.

[3] Governmental activities excludes municipal functions that are completely or mostly funded by user fees, namely water, sewer, refuse, and transit, as well as the landscaping and lighting maintenance district.

quent sections in this summary present fiscal management strategies, because growth alone will not ameliorate recent and ongoing budget challenges.

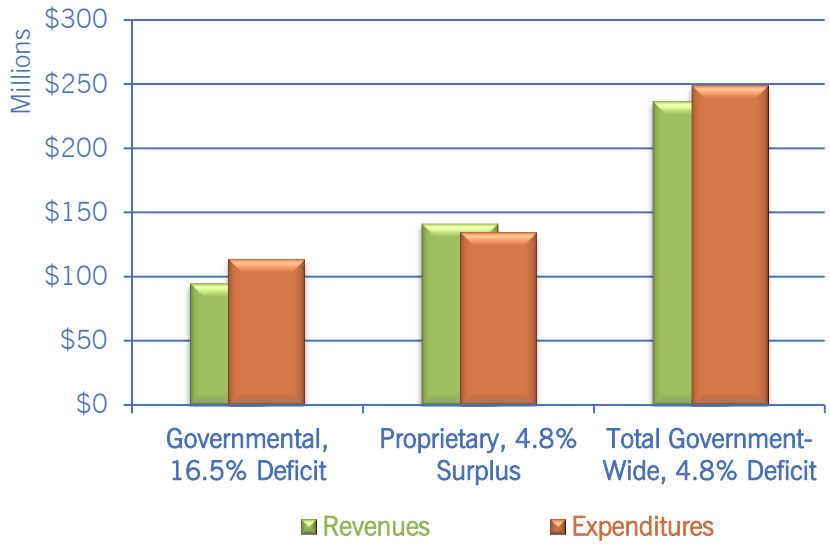
In contrast, the fiscal analysis suggests that proprietary activities—public facilities and services funded completely or primarily by user fees, as well as the landscaping and lighting maintenance district—would generate a surplus of revenue over expenditures. This surplus makes the difference between the large deficit for governmental activities and the smaller deficit for government-wide activities.

Figure 1 shows the revenue and expenditure forecasts for governmental activities, proprietary activities, and total government-wide revenues and expenditures in 2035. The remainder of this summary discusses some of the key findings of the analysis and identifies strategies to ameliorate long-term fiscal imbalances.

Policy Implications

The differences among the governmental, proprietary, and government-wide categories are mostly useful to city management and the finance department. Most important to policy making and of most interest to the majority of those reading this report are the differences among the three scenarios. The more pessimistic scenario represents a future in which city policies remain similar to those in place today: predominantly residential growth resulting in continued development as a bedroom community, with new retail and entertainment commensurate only with population growth, and lagging development of employment opportunities. This scenario is fiscally unsustainable, leading to a 24.9 percent funding deficit for governmental activities. To reiterate this key point: past development trends cannot sustain the Clovis way of life and will require major reductions in the levels of service the city can afford to provide.

Figure 1: Revenue and Expenditure Forecast, City of Clovis CA, 2035



Source: The Planning Center|DC&E, 2013.

The primary forecast explicitly assumes that city policies change, including investment in economic development that generates quality jobs, reinvestment in Shaw Avenue and older areas of the city, and managing residential growth to ensure that it does not outpace the ability of non-residential development to generate revenues that create a fiscal balance. Even with these changes in public policy, the fiscal analysis forecasts that the city would face a 16.5 percent deficit in funding expenditures. Thus, with moderate assumptions, the city will still have to manage operations and expenditures in order to achieve a fiscal balance.

The optimistic scenario assumes that the city changes policies as in the primary forecast and that these changes are very successful. Namely, this scenario assumes that the city achieves its robust employment goals as presented in the 2010 Economic Analysis (prepared for the General Plan Update) and that unique destination retail and entertainment districts are developed to attract visitor spending to compensate for the increased migration of retail spending to the Internet. Even if the city dedicates sufficient resources to these two strategies—above-trend employment growth and attracting a higher share of consumer spending—the optimistic scenario would still generate an 11.8 percent deficit in funding governmental activities. Thus, the city will need to continue judiciously managing its spending and periodically evaluate the levels of service it can and should provide.

Revenue Strategies

Reserve Land Area for Jobs

Clovis has traditionally been a bedroom community that grew residents faster than it grew jobs. To promote a more fiscally balanced community, the General Plan Update allocates a large share of land to non-residential, employment-generating uses to help pay the cost to provide public facilities and services needed to accommodate projected residential growth.

The optimistic scenario assumes that all of the planned non-residential land area in the 2035 boundary is developed and generating employment in 2035. This scenario produces an expenditure deficit of 11.8 percent for governmental activities. Decreasing the amount of non-residential employment-generating uses by 10 percent increases the deficit to 15.1 percent.

There is a clear fiscal cost to amending the land use diagram to convert employment-generating uses to residential uses. General Plan policies should preclude changes from employment-generating land use designations to designations that include residential uses unless the proponent can convincingly and unequivocally demonstrate that the land use change would improve the city's fiscal balance.

Invest in Economic Development

Beyond simply maintaining the areas planned to generate jobs, the city will also have to invest in economic development activities. The land area planned for employment-generating uses in 2035 would accommodate about 40 percent more jobs than what would be expected based on the past trend of job growth in Clovis.

If the number of jobs in Clovis were to only increase at the past trend rate, the optimistic scenario's projected 11.8 percent deficit for governmental activities would increase to 20.5 percent—almost double. Indeed, if the city even gets halfway from trend job growth to filling out the 2035 planned employment generating uses, the deficit would still be 15.8 percent.

To grow in a fiscally sustainable manner, Clovis can neither ignore economic development nor simply invest in economic development as it has in the past. No, Clovis will need to sustain investment in a robust economic development program over the life of the General Plan. More importantly, there needs to be a commitment across city staff, appointed officials, and elected officials that Clovis is in the business of growing businesses and employment to provide a balanced and sustainable municipal budget.

Increase Retail Spending in Clovis

The fiscal analysis explored two dimensions of retail sales tax generation. First, projecting retail sales tax revenues requires an understanding of the degree to which increases in sales tax are driven by new households compared to new retail businesses that attract visitors to Clovis to spend money. A statistical

analysis of annual changes in sales tax revenue and annual changes in the number of households indicates that households account for about two-thirds of the production of sales tax.

This finding suggests that efforts to increase sales tax revenue should not only emphasize the quantity and quality of retail businesses in the city but also recognize that increases in the number of households in the city will drive a majority of the increase in sales tax revenues. Importantly however, the increase in sales tax revenues derived from new households is needed just so public facilities and services can keep pace with residential growth. Sales tax revenue generated by new households does not constitute a new revenue source for expanding public facilities and services. In addition, new households that live farther from competitive retail centers and districts in Fresno are more likely to spend a greater share of their disposable income in Clovis than new households living closer to the border with Fresno.

On the business side of the equation, city staff should continue to meet with and talk to existing retail businesses to better understand and address challenges that put downward pressure on their revenues and profitability. With the commencement of baby boomer retirement, there may be a new supply of entrepreneurs interested in opening independent businesses. The city can work with the Central Valley Business Incubator, the UC Merced Small Business Development Center, and other economic development partners to help Clovis residents start up new retail businesses in the city. Finally, the city should continue its efforts to preserve existing and attract new retail businesses to Clovis.

Minimize Impacts of Internet Sales Growth

The second important dimension of retail sales tax is the share of household consumer spending through Internet commerce versus spending at shops physically located in the city. Market data from the Nielsen Company indicates that about 7.6 percent of Clovis households' consumer spending takes place on the Internet, thus generating no real sales tax revenue for the city. When looking 20 years in the future, the question is how much local retail spending will take place on the Internet?

The primary fiscal balance forecast assumes that an additional 7.5 percent of residents' retail spending will occur online, for a total of about 15.1 percent. The optimistic scenario assumes no increase over the current rate of online spending. The pessimistic scenario assumes that a total of 22.6 percent of all retail spending takes place online.

The impact of e-commerce's share of retail spending can be seen by looking at the optimistic scenario and varying only the amount of Internet spending. Under the optimistic scenario, the fiscal model projects a deficit of 11.8 percent for governmental activities. Increasing e-commerce's share of retail sales to a total of 15.1 and 22.6 percent increases the deficit to 12.5 and 13.4 percent respectively. The increase in deficits from 11.8 percent to 13.4 percent might not seem significant, but as part of a projected large deficit, every bit of funding matters.

Legislators in Washington DC and Sacramento are discussing possible ways to tax Internet sales and distribute at least a portion of those revenues to local governments. Such discussions are in preliminary stages and might or might not result in future legislation. Should they pan out, however, such changes in Internet taxation could ameliorate at least some of the potential loss in revenues as sales migrate to the Internet.

There is a clear role for the city to play in expanding retail sales through the expansion, creation, and attraction of retail businesses, but the city's role in minimizing the increasing shift to online purchasing is less direct. The two avenues through which public policy can minimize the shift is reducing barriers to bricks-and-mortar purchasing and creating more districts for experience-oriented shopping.

Many online purchases are driven by cost and convenience. The city has few if any tools available to affect the consumer's cost. But the city can apply its planning and development authority to minimize potential roadblocks to purchasing needed goods locally rather than online. Land use policies in the General Plan Update should reinforce the land use diagram's intent to provide convenience goods and services throughout the city in proximity to where people live and to provide comparison goods in fewer locations, near intersections of major roads.

No one can be certain about what the retail landscape will look like in ten years, let alone in 2035. Which big box national retail chains will be around and which ones will be gone? What the Internet is less likely to change is the provision of services, experience-oriented shopping, and dining. City policies should promote development and redevelopment resulting in unique pedestrian-oriented retail districts characterized by independent businesses, restaurants, entertainment, and places where people socialize. Such experience-oriented shopping is less about satisfying an immediate material need and more about the pleasure of shopping and socializing with friends and family. These places are less likely to be disrupted by increases in Internet sales than are conventional strip centers and big box retailers.

Expenditure Strategies

Minimize Public Safety Hot Spots

Police and fire are the two most costly services provided by Clovis, as is the case with most cities. The fiscal analysis projects that in 2035, spending on police would consume 39 percent of governmental expenditures, and fire department spending would consumer an additional 18 percent.

The fiscal analysis found that 30 properties[4] accounted for 19 percent of the fire department's calls for service.[5] These 30 properties primarily include senior care facilities, mobile home parks, and apartments. The fiscal analysis assumes that land use and development policies effectively minimize the creation of future fire department hot spots in new growth areas. If, however, current hot spots are not ameliorated and new hot spots continue to develop in the future, the 11.8 percent expenditure deficit under optimistic assumptions would increase to a 15.7 percent deficit.

The police department also has business that can require higher demand for services. However, with the large number of police department calls, no specific parcel or address stands out.

The Police Department responds to various types of calls for service throughout the entire city. Top priorities for the Police Department include gangs, property crimes, and blight. While certain parts of the city have a higher number of criminal related activities, no area of the city is immune to crime.

Land use policies can help reduce the likelihood of developing new hot spots in growth areas. For example, development agreements for new senior care facilities could require that owners pay the cost of providing emergency medical services. New development patterns can do a better job of interspersing a variety of housing types in neighborhoods rather than concentrating many apartment developments together. And development standards can require a variety of unit types and sizes to minimize the potential for single demographic groups to concentrate in individual apartment complexes. Urban design standards can

[4] Because the analysis focused on costs by type of land use, the results are reported for parcels rather than individual address. Thus mobile home parks and apartment complexes may count as individual parcels even though they may include many units with individual addresses.

[5] This is an annual average based on call data for FY08 to FY10. The fire department calls for services are discussed on page 23.

promote safer commercial areas through practices know as Crime Prevention through Environmental Design.

As of the preparation of this report, the city has requested grant funding for a project to address the existing concentrations of calls for emergency medical services. Because the fiscal analysis focuses on future revenues and expenditures, it does not consider strategies to address current police hot spots. However, finding ways to reduce the demand for police services would have long-term benefits for the fiscal balance.

One possible solution to existing and potential fire department hot spots would be to impose a fee for calls for service over a certain number per month or year. There would, of course, be legal considerations to such a fee. And there would be pros and cons that should be considered. For example, a fee might generate revenues to offset fire department services, but it would not be wise public policy if it discouraged businesses and residents from calling in emergencies or if it encouraged businesses to push problems out their doors to avoid the fee of an emergency call. Thus the fiscal analysis does not suggest that such a fee is an appropriate solution but does recommend that it be considered.

Minimize Non-Contiguous Development Impacts

Traditionally, Clovis has grown outward in an orderly, project-by-project basis, rather than leap-frogging out and backfilling later. Ownership patterns and development interests may change this traditional pattern. It is likely that the city will receive petitions to annex non-contiguous areas in the future.

When a newly annexed area lies across the street from an existing developed part of the city, the burden on the city is relatively small. Fire, police, public utilities are extending their service area very little, and there are housing units and non-residential development over which to spread the costs of extending public infrastructure and services. As described in this report, extending infrastructure and public services to non-contiguous areas is more costly. The fiscal analysis presented in this report assumes that the city grows outward in an orderly fashion. If, however, growth occurs through non-contiguous annexations, the net fiscal impacts would be more negative than presented herein.

To compensate for the additional cost burdens imposed by non-contiguous development, the city should require detailed analysis and projections of capital costs, ongoing operations and maintenance costs, and the net fiscal impact to the city. The city should also require that proponents of non-contiguous development provide a community facilities district, or other similar funding mechanism, to shift these added cost burdens away from existing city residents and on to the new development proposed in non-contiguous areas. Finally, because CFDs can only pay for an increase in levels of service, establishment of CFDs should occur in conjunction with annexations so that they can pay for the increase in level of service as an area goes from unincorporated county services to city services.

Restoration of Levels of Service

In response to the recession-driven budget pressures, Clovis reduced the levels of staffing and services and deferred maintenance and investments, as did most cities. All three scenarios in the fiscal model assume that levels of staffing and service are restored to pre-Recession norms, at least by 2035.

If levels of service were not increased, however, expenditures would be lower in 2035. The projected 11.8 percent deficit for governmental activities would be reduced to a 7.0 percent deficit, and the total budget (governmental and proprietary activities) would be projected to generate a 1.7 percent surplus in revenues. One of the key sets of policy decisions that the city will have to make over time is to determine the sustainable levels of service that can be provided given the likely level of revenues. For example, during the last few years, the

city has shifted from purchasing public safety vehicles to leasing them. The decision to continue leasing versus returning to purchases will have long-term impacts on the budget.

In addition to determining costs, levels of service influence revenue. Clovis sustains high property values because it is perceived as a safe place to live, has excellent public schools, and provides high quality recreation facilities and programs. Changes in these and other characteristics of Clovis could alter the city's attractiveness as a place to live and lead to long-term reductions in revenues.

Planning Recommendations

In addition to specific revenue and expenditure strategies, the fiscal analysis also provides some guidance for the General Plan Update and its long-term implementation.

Complete Loma Vista

Of the three growth areas, Loma Vista probably represents the best opportunity to capture residents' retail spending in Clovis. The town center is also considered critical to the vision and desirability of the Loma Vista community. However, the town center is unlikely to be developed until a large majority of the planned housing units are built. If other growth areas open for development before Loma Vista reaches that critical mass of households, it is likely that the non-residential land uses needed to provide fiscal balance will not be developed by 2035.

In contrast with the town center the business park area on the east side of Loma Vista might never develop. The business campus area was originally proposed to complement the expansion of McCall Avenue to an expressway, as proposed in the 1993 General Plan. It is no longer clear whether or not there will be funding to connect Loma Vista with the Northeast Growth Area to the north and the 180 freeway and Selma to the south via McCall expressway. In the absence of a major transportation corridor, there will be little to no market demand for business campus uses on the east side of Loma Vista.

The fiscal analysis and the EIR exclude the business campus portion of Loma Vista from the analysis of 2035 conditions, but both include it for the full buildout analysis. Between now and 2035 it should become clear if McCall will be upgraded. If a decision is made to not upgrade McCall, the General Plan and the Loma Vista Specific Plan may need to be amended to plan different uses in the business campus area. Although development of the business campus is not factored into the projected 2035 fiscal balance, any change in planned uses should consider the potential impact on the fiscal balance at full buildout.

Balance Retail Development

Unlike other land uses, retail businesses are highly sensitive to location. Households looking for a place to live tend to compare housing across a large geographic area. Likewise, commercial and industrial businesses can move across town or even to another city and notice little to no effect on operations. But move a retailer a mile down the road and the fundamentals of its business change significantly; they depend on visibility to and patronage from residents of adjacent and nearby neighborhoods.

When new residential neighborhoods are developed, retailers flock to new nearby retail centers to capitalize on the new market. As those neighborhoods age and transform over time, however, the level of consumer spending often plateaus or declines. Businesses that once flourished find themselves barely hanging on a generation later.

At the same time, some retail centers become destinations, attracting shoppers from a larger trade area. These destinations can often weather socioeconomic

changes in nearby neighborhoods. However, the next shiny new destination retail center usually siphons customers away from the older center. Destinations and retailer businesses that once flourished find themselves in dire straits.

Whatever the cause of retail distress, it inevitably leads to higher structural vacancy rates. Many property owners facing high vacancy rates reduce their lease rates to attract tenants (some rent is better than no rent). With reduced revenues, however, those property owners defer maintenance and reinvestment in their properties. Left unabated, this creates a downward spiral that eventually leads to disinvestment, urban blight, and rising crime and other social pathologies.

The preceding revenue strategies section addressed the need for the city to promote the growth and attraction of retail businesses to generate sufficient retail sales tax revenues. That need must be balanced with the cost of services to deal with decaying retail centers and corridors: new retail centers should not be entitled if they will cannibalize existing retail districts. When there is insufficient household growth to support new retail development, new centers simply shift spending from one center to another without generating new revenue for the city.

The land use diagram was designed to provide a sustainable balance of housing, employment, and retail. That balance, however, is measured in 2035 and at full buildout. In the meantime, the city will likely entertain many requests to develop new retail centers. The General Plan Update should include clear policy guidance requiring analysis and findings that new retail developments will not capture spending from existing retail development, leading to structural vacancies.

In effect, this would mean that there will need to be sufficient new rooftops before new retail centers are developed. While this could be inconvenient for early households in a new area, the city itself would likely not lose all of their retail spending because residents would likely patronize the nearest existing centers.

Revitalize Shaw Avenue

Shaw Avenue is the main commercial corridor in the city. Nevertheless, changing socioeconomic conditions in adjacent and nearby neighborhoods and the development of newer retail centers elsewhere in the city have taken their toll on Shaw. It suffered high vacancies prior to the recession, which aggravated the situation. With the development of a multitude of new shopping centers that intercept consumers who would previously have traveled to Shaw Avenue, it will not return to its prior prominence as a retail destination.

In conjunction with the General Plan Update, the city is undertaking a grant-funded project to plan for the revitalization of Shaw Avenue. Like the city's efforts with Old Town, Shaw will be an overnight success 20 years in the making.

Part of the strategy for Shaw is to establish land uses that can attract consumers from the larger region, not just the immediate neighborhoods. Commercial recreation and public recreation facilities may figure prominently in this role. Nevertheless, even if Shaw is more of a regional destination, it will still have too much retail building space. So a second part of the strategy is to strengthen the key nodes, creating unique districts that serve different but complementary niches. The final part of the strategy is to provide property owners between these districts with options to redevelop their properties with more profitable uses, which might include boulevard housing or office uses.

The Loma Vista Town Center, while important to the community vision, will not provide for all of the shopping, dining, and entertainment needs of the community. Maintaining and improving the look, feel, and function of Shaw Avenue is vital for Clovis to capture its fair share of the retail spending of Loma Vista resi-

dents and households in the southern and eastern parts of the city. Furthermore, revitalizing Shaw Avenue is also a key strategy to managing police and fire department costs.

Discussion of Shaw Avenue is only tangentially related to the fiscal impact analysis. It is critical, however, to convey an important fact. Planning is the city's one shot to get the fiscal balance of land use right. Once land is developed, it is a timely and costly prospect to effect change or correct mistakes. There will be good arguments for pursuing the next shiny retail development, but those projects should not come at the expense of existing development.

Plan for Capital Investments

After the General Plan Update is adopted, the city will update its water and sewer master plans. Those plans will provide detailed estimates of the capital costs to extend water and sewer service to the Northwest and Northeast growth areas. Such detailed cost estimates are beyond the scope of the fiscal analysis.

The fiscal analysis does, however, quantify the funding that the city may have available for capital investments. The primary forecast, along with the pessimistic and optimistic scenarios, assumes that the city will have future debt service payments and capital investments proportional to the current share of spending devoted to these costs. By removing all debt service and capital investment from the analysis, the fiscal model projects that the city would have available $30.4 million in 2035 for capital improvements and debt service for capital improvements.

This amount includes not just water and sewer, but also refuse, road projects, and other public facilities. The dollar amount can be somewhat misleading because for enterprise activities—namely water, sewer, and refuse—user fees can be adjusted to provide the needed level of capital improvements.

Subsequent to the adoption of the General Plan Update, the city will need to begin its long-term planning for capital investments. However, the General Plan Update should provide policy guidance regarding the timing and scale of future annexations, which will influence the timing and scale of the necessary capital investments.

Increase Use of Financing and Funding Districts

Nevertheless, $30.4 million for capital improvements for a city of 184,000 people (in 2035) would seem to be insufficient. Clovis may have to rely more on funding and financing districts than it has in the past. For example, about half of the city today is in the landscaping and lighting maintenance district. The fiscal analysis assumes that about half of the 2035 city and half of the full buildout city would also be in the district. Requiring all new developed areas to be in the district would reduce the projected deficits.

Community facility districts (CFDs) are a common vehicle to use Mello-Roos bonds to finance infrastructure improvements and shift repayment onto the new development instead of spreading repayment across users citywide. CFDs can also be used to pay for municipal services. The General Plan Update should provide clear policy guidance for the use of CFDs in growth areas.

With the Shaw Avenue Corridor project, the city is exploring the feasibility of establishing a property-based Business Improvement District (P-BID). A P-BID is a highly versatile district that generates revenues and can provide physical improvements, provide enhanced public services, recruit new businesses, and undertake marketing activities. The General Plan Update should provide policy guidance on the establishment of P-BIDs for new retail and mixed-use developments that are not intended to or may not remain under unified control.

Introduction

This document presents the fiscal analysis of the proposed General Plan Update (GPU) for Clovis. When this planning process began, the nation was in the midst of the most severe economic contraction since the two recessions of the Great Depression era. The challenging economic times only underscored what the community, elected officials, and city staff already knew: the updated General Plan must ensure that we are building a city we can afford to own. Even though the economic recession is over and the national economy is growing, the mission to develop in a fiscally sustainable manner is no less pressing and no less important.

The fiscal analysis intends to answer what seems like a fairly simple question: When the city is fully built out pursuant to the updated General Plan, will the municipal revenues generated by the properties, residents, and businesses in Clovis exceed the costs required to provide public services and facilities for those properties, residents, and businesses? As discussed in this and subsequent chapters, this question is anything but simple. While acknowledging the complexity of this task, the fiscal analysis provides a qualified answer to the question.

Time and Geography

Time Horizons

Although not a part of the environmental impact report (EIR) for the GPU, the fiscal analysis has been prepared in conjunction with it. The EIR and, consequently, the fiscal analysis have two horizon years. At current rates of household growth, fully building all of the development allowed in the GPU could take 80 years. Because growth rates and development patterns will change over 80 years, the analysis does not identify a specific year. Nevertheless, one time horizon for the analysis is at full buildout of the GPU and is assumed at about 80 years.

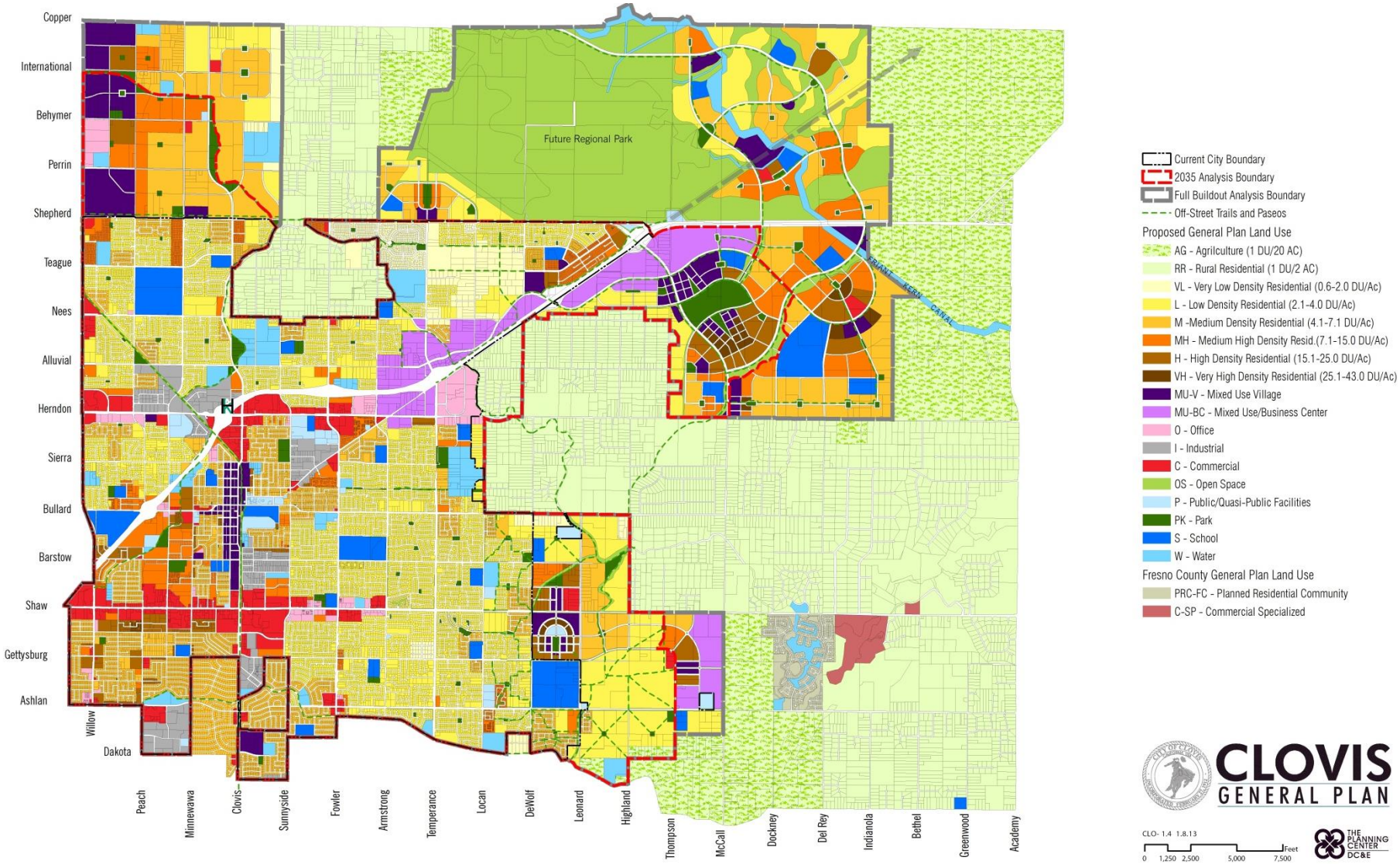
Many of the technical analyses conducted for an EIR, most notably regional traffic, air quality, and noise models, are not appropriate for and not capable of accurately and reliably projecting and evaluating conditions 80 years in the future. The EIR uses a time horizon of 2035, which captures the extent of technical analyses' usefulness and covers about 20 to 25 years of potential growth and development. This time horizon tacitly assumes that the General Plan will be reevaluated and likely updated before 2035. Similarly, the fiscal analysis cannot reliably project economic and budget conditions 80 years into the future. Therefore, the fiscal analysis also uses a 2035 time horizon as the key metric for evaluating the fiscal sustainability of the GPU, although it does assess the potential fiscal balance at full buildout.

Geographic Boundary

The GPU covers a large area, encompassing areas not currently within the city's boundary. Even though Clovis has an interest in how those extraterritorial areas develop, parcels outside of the city boundary neither generate municipal revenues nor receive services from the city. Therefore, the fiscal analysis only covers areas that are currently in the city or that are envisioned to have been annexed into the city by 2035 or by the time the General Plan has been fully built out.

Figure 2 on the following page shows the areas that are included in the fiscal analysis. There are two areas, one corresponding to the 2035 and the other to full buildout time horizons.

Figure 2: Geographical Boundaries for the Fiscal Analysis



Source: The Planning Center|DC&E, 2013, using data from the Clovis Planning and Development Services Department.

Non-Contiguous Development

Because the fiscal analysis represents two specific snap-shots in time, it does not necessarily address the pattern of annexation and development between now and those two pints in time in the future. Nevertheless, a qualitative discussion of the potential impacts of non-contiguous development is warranted.

Traditionally, Clovis has grown outward in an orderly, project-by-project basis, rather than leap-frogging out and backfilling later. Ownership patterns and development interests may change this traditional growth pattern in the two undeveloped Urban Centers. It is possible, if not likely, that the city will receive petitions to annex non-contiguous areas in the future.

When a newly annexed area lies across the street from an existing developed part of the city, the burden on the city is relatively small. Fire, police, and public utilities only marginally extend their service areas. When a newly annexed area is not contiguous to the existing city boundary but is, say, one mile away, the impacts on public services are much greater.

Fire Department Impacts

The primary impact to the fire department is the added length of time for service calls. The delay in proving EMT and firefighting services could be deadly for those living in non-contiguous, but increases in average response times can cause increases in property insurance premiums throughout the fire department's service area.

The adopted first unit response time standard for the City of Clovis necessitates all development to be within approximately 4 minutes of travel from the nearest fire station. Any development outside of this sphere of protection will receive a diminishing level of service the further it lies outside of this zone. The adopted travel time standard is derived from two main factors: During medical emergencies where a patient has lost circulation, irreversible brain damage begins to set in around 4 minutes with death occurring between 6 and 10 minutes. During a fire, growth of the fire and its associated toxic byproducts will overwhelm patients and extend beyond the point of saving a potential patient within 6 to 10 minutes after ignition (see studies and standards from NFPA, AHA, SOC, etc.). Travel time is only a component of the total response time but the largest single factor in response time effectiveness.

Another significant impact of non-contiguous development is on firefighter safety and property conservation. An effective response force represents the number of units and firefighters necessary to handle the critical task necessary within the first 5 to 10 minutes of the fire attack (tasks include: search and rescue, ventilation, back-up lines, pump operation, water supply, OSHA Two Out and command). On a typical single family home this number is 16 firefighters. During combat operations, if firefighters and associated equipment are delayed or if they have longer travel distances to cover, the operation will not be as successful resulting in additional risk to firefighters and less effective property conservation.

The third major impact of non-contiguous development is the effect of travel distance on unit availability. When a fire unit is dispatched to a call for service, it is no longer available for any other calls until its assignment is complete. While the fire unit is committed on the call for service, the area it protects has a diminished level of service, but the time that the existing users are at risk may only be 20 minutes on average. However, when the fire unit has to respond to an incident perhaps twice as far away, the existing users are now subject to a diminished level of service that is also approximately double, or 30 to 40 minutes on average.

To address potential fire department deficiencies with non-contiguous development is a simple albeit costly matter: constructing and operating an additional fire station. With growth occurring in a contiguous manner, the fire depart-

ment can put off constructing a new fire station until average response times begin to degrade. By that point, however, there are usually a large number of homes and non-residential development to spread the costs over. With non-contiguous development, though, there will be only a limited number of housing units and non-residential development to pay the costs of a new station. When considering requests for non-contiguous annexations, the city should quantify likely response times and the potential impact to average response times. When non-contiguous development warrants a new fire station, the city should require the establishment of a community facilities district, or other similar funding entities, to pay the capital costs and ongoing operation and maintenance costs for a new fire station.

Police Department

Similar to the impact on the fire department, non-contiguous development can increases response times for the police department, but the larger issue is patrolling.

The police department anticipates being able to serve the urban area within the 2035 and full-buildout boundaries, shown in Figure 2, from the location of the current public safety building in Old town Clovis, without the need for substations in the urban centers. However, for service calls, the police department dispatches the nearest unit, which most often will be a unit on proactive patrol. For a non-contiguous neighborhood that is, say, 1 mile from the city, residents will almost always be one-mile further away from the nearest unit on patrol, thus causing increased response times.

In addition, neighborhoods that are not contiguous will likely receive fewer proactive patrols because they are not near other neighborhoods, because officers on self-directed patrol may well forget about distant and unconnected neighborhoods, and because the police department (as discussed later in this report) may well lack the resources to regularly patrol these neighborhoods.

The lack of proactive patrols is more problematic than just increased response times. With the visual police presence limited by fewer proactive patrols, crime rates can be expected to be higher in non-contiguous neighborhoods. This is especially true during construction phases because theft rates are higher during development.

Providing adequate police protection for non-contiguous development may not require the same level of capital expenditure as providing fire department services, but it will require additional revenues to pay the added cost of providing proactive patrol services to non-contiguous areas. When considering requests for non-contiguous annexations, the city should quantify the additional expense to provide routine patrol services and to respond to calls for services. The city should make non-contiguous annexations contingent on the establishment of community facilities districts, or other similar funding entities, to cover the differential in cost to provide a level of proactive patrols and to provide adequate response to calls for service.

Public Utilities

Non-contiguous development would affect the costs for the public utilities department in two ways. First, public utilities would have to maintain roads, medians, street lights, and rights-of-way between the city and the non-contiguous neighborhoods. The city would, however, only have the revenues from the non-contiguous neighborhoods to pay the ongoing operations and maintenance costs because there would be no neighborhoods in between to help defray the cost.

Secondly, Fresno County has, in some past annexations, insisted that the city also annex adjacent rural residential areas. These are costly additions to the city because they usually have substandard roads or unpaved roads, insufficient right-of-way width, and no water and sewer infrastructure. Providing public services in these areas is more expensive than providing services in newly

developed areas. And making the capital investment in infrastructure, a cost usually born by new development, requires ratepayers citywide to foot the bill.

When considering requests for non-contiguous annexations, the city should quantify the additional expense to maintain roads, rights-of-way, and infrastructure connecting these areas to the rest of the city. The city should make non-contiguous annexations contingent on the establishment of community facilities districts, or other similar funding entities, to pay these costs. For the forced annexation of rural residential areas, the city should resist such annexations unless the properties desiring annexation can provide a mechanism to reimburse the city for the additional costs to provide infrastructure and services to the forced annexation areas.

Approach

The fiscal analysis estimates the revenue currently generated by and current cost to provide facilities and services for each major land use type. The analysis then applies the costs and revenues to the amount of development in each major land use for the two time horizons. In essence, the analysis identifies the budget revenues and expenditures that Clovis would likely experience today if the city were developed to the extent of the 2035 boundary and the full buildout.

Base Data

Clovis's municipal finances, like so many elements of the economy, saw high rates of growth in the mid-2000s followed by unprecedented retrenchment with and since the recession. In the last year or two, revenues have bottomed out and, in some cases, started to rebound. Because the fiscal analysis' approach portrays future revenues and expenditures based on current rates, the projections could be highly optimistic or highly pessimistic depending on which year's data the analyst uses.

To compensate for the fluctuations over recent years, the fiscal analysis model bases its estimates for existing expenditures and revenues on averages for fiscal year 2005/06 (FY06) to FY12. Department heads reviewed these data to determine if the averages represented sufficient funding to provide the expected levels of service currently. This review suggested that the averages were too low in some cases. As discussed in the Existing Revenues and Expenditures chapter of this report, the model uses the average data adjusted upward in cases that department heads felt warranted to meet levels of service.

Inflation

The model adjusts all past revenue and expenditure data for inflation using the US Bureau of Economic Analysis' Gross Domestic Product (GDP) Deflator. Because the city is both a purchaser and a seller, the GDP Deflator is a more appropriate inflation-adjustment metric than the more commonly mentioned Consumer Price Index (CPI).

Because the data upon which the model is based is inflation adjusted, the projected expenditures and revenues represent constant 2010 dollars. Generally speaking, adjusting for future inflation would not change the findings because inflation adjustments would apply to revenues and expenditures. Substantially higher future inflation rates could, however, alter consumer behavior, especially in regard to housing choices. And such changes in consumer behavior could influence municipal revenues and expenditures and alter the fiscal balance.

Scenarios

The fiscal analysis model estimates future revenues and expenditures. However, any projections over 20 years, let alone 80 years, are susceptible to chang-

ing conditions. To reflect this uncertainty, the analysis provides a primary forecast along with projections built on optimistic and pessimistic assumptions. The following sections describe the variable assumptions related to: 1) the shift in retail spending away from bricks-and-mortar stores to online purchasing, 2) the need for above-trend economic and employment growth; and 3) fire and police department hot spots.

Trend Economic Growth

During the 2007–09 recession, the community became increasingly aware that Clovis was not growing and developing in a fiscally sustainable manner. Once development stopped generating impact fees and other revenues, it became harder to maintain the levels of service that the community had come to expect. Then, when property values and property taxes declined and sales tax revenues plummeted, the city was forced to reduce services.

Although many factors have contributed to stress on the city's budget, Clovis's traditional growth as a bedroom community has been a major cause. As noted in the Economic and Market Analysis, 22 percent of Clovis's working residents had a job in the city, compared to 62 percent in Fresno. Because retail, office, and industrial uses demand less in public facilities and services for the amount of revenue generated than do residential uses, the imbalance between residential and non-residential uses is a primary reason the city has not been resilient in responding to fiscal stresses like declines in development fees or fluctuations in sales tax revenues.

Generating more employment and capturing an increased share of economic growth has been a key focus of the GPU. The plan allocates an increased share of land area for non-residential uses to help address the fiscal imbalance created by the large amount of residential development in the past.

Specifically, the GPU plans for enough non-residential development to accommodate about 40 percent more jobs through 2035 than the city would expect based on past trends. Just planning enough land area to accommodate more jobs, however, is not sufficient to ensure that those jobs materialize. The level of the city's investment in economic development and the effectiveness of its efforts will influence the degree to which increased economic growth helps improve the city's fiscal balance.

The fiscal analysis makes three different assumptions about future employment growth and economic development. The pessimistic scenario assumes that the city achieves the same rate of economic and employment growth in the future as it experienced over the last 20 years, in effect maintaining the economic growth trend. In contrast, the optimistic scenario assumes that the city's effectiveness in economic development achieves the robust goal of generating 40 percent more jobs than would have been achieved with only trend economic growth. The primary forecast assumes that the city invests more in economic development but that the investment achieves only half of the increased job growth, in effect a 20 percent increase over trend economic growth.

Retail Shift

Based on market data from the Nielsen Company, it appears that about 7.6 percent of taxable retail spending by Clovis residents occurs online. Because these sales rarely, if ever, generate sales tax revenues for the city, Clovis is missing about $1.2 million in revenues each year, and that is only for city residents.

E-commerce will continue growing for the foreseeable future. In the absence of new legislation, an increasing amount of residents' consumer spending will evade the tax collector. The real question for the fiscal analysis is how much more retail spending by local residents will be diverted away from the bricks-and-mortar stores?

No one really has a crystal ball that is accurate enough to answer this question. What is happening is a change in human behavior. How many goods can consumers be comfortable purchasing without first touching, holding, seeing, and trying on or trying out? Those human connections to purchasing will also be weighed against cost and convenience factors. How much more quickly can internet businesses get products to our doors? How great or narrow will the cost differential be in the future? The answers to these questions are the answer to how much more retail spending the internet will capture.

The fiscal analysis makes three different assumptions for the retail shift to e-commerce. For the primary forecast, the analysis assumes that the internet will capture an additional 7.5 percent of taxable retail sales by 2035, for a total capture of about 15.1 percent. The pessimistic scenario assumes that the internet will capture an additional 15 percent of taxable retail sales, for a total capture of about 22.6 percent. Finally, the optimistic scenario assumes that there is no change in the sales tax revenue lost to internet sales. In reality, this assumption recognizes that more retail spending will shift to the internet, but it tacitly assumes that through strategic growth, the city captures a greater amount of retail spending by households not living in the city. The net effect is, thus, no additional loss of taxable retail sales. One should note that the fiscal model, under all three scenarios, assumes that there is no increased loss in sales tax revenue from 2035 until full buildout.

Public Safety Hotspots

The expenditures discussions for the police department (page 30) and the fire department (page 32) describe the costs to provide services to hot spots—addresses and areas that require an inordinate number of public-safety services calls. For the fire department, senior care facilities and several older apartment buildings and mobile home parks constitute the largest concentrations of service calls. The fiscal impact model estimates that 19 percent of the fire department's calls for service are generated by the 30 properties with the most calls, resulting in an average annual cost of $2 million to the city.

For the police department, the largest concentrations of calls for service are major intersections, and then bars in Old Town and some of the older apartment buildings and neighborhoods. Because so many of the police department's calls for service were located at intersections, the fiscal model was unable to allocate the number of calls to particular land uses with the same reliability as with the fire department.

The fiscal model's methodology forecasts future expenditures based on the current levels of expenditures attributable to each land use type, escalating those current costs based on the types and amount of new development envisioned in the General Plan Update. For public safety, however, there is a question of whether new development would generate new hot spots or if modern development standards and enhanced policies could minimize or eliminate their creation.

The fiscal analysis makes two basic assumptions about future public safety hot spots. The pessimistic scenario assumes that new development creates new public safety hot spots over time, proportional to the amount of existing hot spots. The primary forecast and the optimistic scenario assume that development standards and public policies effectively inhibit the creation of new hot spots although existing hot spots remain in 2035 and at full buildout. In essence, the primary forecast and the optimistic scenario assume that the $2 million spent each year to provide service to the 30 top public safety hot spots remains a cost in 2035 and at full buildout, but the $2 million does not get escalated based on the amount of new development for senior care facilities and multifamily housing.

Scenario Summary

The fiscal model provides three scenarios for the city's future fiscal balance: the primary forecast, a pessimistic scenario, and an optimistic scenario. The primary differences among these three scenarios are determined by the key assumptions for future economic and employment growth, the internet's future capture of taxable retail sales, and the creation of future public safety hot spots. Table 1 summarizes the differences in the key assumptions among the three scenarios.

Table 1: Summary of Assumption Differences among Fiscal Model's Three Scenarios

	Pessimistic Scenario	Primary Forecast	Optimistic Scenario
Economic and Employment Growth	At historic trend level	20% above trend level	40% above trend level
Total Internet Capture of Taxable Retail Sales	22.60%	15.10%	7.60%
New Public Safety Hotspots in New Development Areas	Yes	No	No

Land Use Categories

The fiscal analysis model quantifies current expenditures and revenues into major land use categories based on the categories used in the GPU existing land use map. Table 2 identifies the major land use categories the model uses and provides the number of acres, dwelling units, and building square footage for each category. Table 2's data represent only the land area within the current city boundary.

The fiscal analysis model quantifies future revenues and expenditures based on the amount of development in each land use category in 2035 and at full

Table 2: Estimated Acreage and Number of Dwelling Units or Building Square Footage by Existing Land Use Type, City of Clovis, 2010

Land Use Type	Land Area (acres)	Dwelling Units	Building Space (sq. ft.)
Agriculture	610.7	6	
Commercial	656.3		6,417,111
Drainage Basin	441.1		
Hotel	13.6		376,951
Industrial	354.6		2,962,487
Multifamily Residential	534.1	7,552	
Mobile Home	98.1	960	
Office	129.5		1,200,261
Park	228.7		
Public	354.5		846,201
Rural Residential	962.2	1,762	
School	626.3		
Single Family Res.	5,233.1	25,026	
Storage	66.3		487,899
Utilities	19.1		3,663
Vacant	940.1		
Total	**11,268**	**35,306**	**12,294,573**

Source: The Planning Center|DC&E, 2013, using data from the Clovis Planning and Development Services Department, and the Fresno County Assessor.

buildout. Table 3 quantifies the amount of development for each land use designation provided in the GPU. The amount of development differs somewhat from that used in the GPU environmental analysis because the data for the fiscal analysis reflects only those land areas currently within the city and those envisioned to be in the city in each time horizon (Figure 2 on page 12 identifies the specific areas used in the fiscal analysis).

Table 3 Amount of Development by General Plan Land Use Designation, City of Clovis, 2035 Analysis Boundary and Full Buildout Analysis Boundary

Land Use and Unit Type	2035 Analysis	Full Buildout Analysis
Agriculture (acres)	67.6	67.7
Rural Residential (single family dwelling units)	479	8
Very Low Density Residential (single family dwelling units)	1,622	1,764
Low Density Residential (single family dwelling units)	19,894	23,788
Medium Density Residential (single family dwelling units)	12,967	21,756
Medium High Density Residential		
- single family dwelling units	3,411	6,652
- multifamily dwelling units	6,431	11,292
High Density Residential (multifamily dwelling units)	8,110	14,196
Very High Density Residential (multifamily dwelling units)	1,233	3,381
Commercial (building space, sq. ft.)	11,048,814	11,930,452
Office (building space, sq. ft.)	3,351,187	3,700,881
Industrial (building space, sq. ft.)	8,164,521	8,356,357
Mixed Use Village		
- multifamily dwelling units	5,515	11,919
- retail building square footage	746,192	3,491,243
- non-retail building square footage	1,119,288	5,236,864
Mixed Use Business Campus		
- retail building square footage	4,080,003	6,659,881
- non-retail building square footage	6,120,004	9,989,821
Park (acres)	438.0	529.4
Public/Quasi-Public Facilities (building space, sq. ft.)	966,287	1,098,925
School (acres)	746.4	1,064.8

Source: The Planning Center|DC&E, 2013.

Existing Revenues and Expenditures

This chapter analyzes recent municipal budget data to estimate the average annual revenues and expenditures for each land use type. The first two sections present the analysis for each major funding source and each major expenditure category. The final section summarizes the results by land use type.

Revenues

Property Taxes

Property taxes are the city's largest single source of revenue. From FY06 to FY11, the city collected, on average, about $20.1 million per year in property taxes in inflation-adjusted 2010 dollars.

Effective in FY12, the state eliminated redevelopment agencies, and the city lost about $2 million each year in property taxes, about 10 percent of its total property tax revenue. The fiscal model has deducted the redevelopment agency's capture of property taxes in each year so that the model accurately projects the likely level of future revenue.

Because part of the property tax revenue that the city collected through redevelopment would have otherwise flowed to the general fund, the city should get some amount of the lost redevelopment tax increment revenue back. As of the preparation of this analysis, though, it was not yet clear what that amount, if any, will be. In a sense, then, the fiscal model is somewhat conservative because the actual revenues could be slightly higher.

The fiscal analysis model estimates property tax revenues by land use type based on each land use type's share of the total taxable assessed value. The model then multiplies the share of assessed value by the average annual property tax revenues, less redevelopment's tax capture, $18.1 million. Table 4 provides the share of taxable assessed value, average annual property tax revenues, and the average revenue by unit for each major land use type.

Table 4: Estimated Average Annual Property Tax Revenues by Land Use Type, City of Clovis, Average for FY06 to FY11

Land Use Type	Share of Assessed Value	Average Property Tax Generated	Average Revenue per unit	
Agriculture	0.11%	20,227	33.12	per acre
Commercial	9.34%	1,692,837	0.26	per building sq. ft.
Hotel	0.05%	8,884	0.02	per building sq. ft.
Industrial	1.48%	269,126	0.09	per building sq. ft.
Multifamily Residential	7.60%	1,378,467	182.53	per dwelling unit
Mobile Home	0.35%	63,239	65.87	per dwelling unit
Office	1.37%	249,204	0.21	per building sq. ft.
Rural Residential	1.25%	227,314	129.01	per dwelling unit
Single Family Residential	77.04%	13,967,170	558.11	per dwelling unit
Storage	0.22%	39,974	0.08	per building sq. ft.
Vacant	1.18%	213,536	227.15	per acre

Source: The Planning Center|DC&E, 2013, using data from Clovis Comprehensive Annual Financial Reports for FY06 to FY11, Clovis Planning and Development Services Department, and the Fresno County Assessor.

Sales Taxes

Sales taxes are the second largest source of unrestricted revenues for the city. They are also critical to understanding the city's future fiscal balance. There is a common perception that housing does not pay its own way; that is, residents do not pay as much in taxes and fees as it costs to provide public facilities and services. But this is not necessarily true if one attributes some amount of sales taxes to households. After all, it is the residents and visitors who pay sales taxes even though retail businesses collect the taxes.

To address this issue and to allocate sales tax revenues by land use type, the fiscal analysis conducted a regression analysis of taxable sales in Clovis and the number of households in the city. The regression calculated that changes in the number of households in the city account for 67.2 percent of the change in taxable retail sales. This figure represents a statistical relationship between two sets of data, not a direct measurement of the spending patterns of actual city residents.

Nevertheless, the regression suggests that the majority of the city's sales tax revenue is driven by the city's population, and a minority of sales tax is driven by the ability of retailers to attract visitors to Clovis to spend money.

The fiscal model allocates 67.2 percent of the average sales tax revenues by number of households and the remainder by the amount of retail building square footage. Table 5 provides each land use type's share of sale tax generation, the average annual sales tax generated, and the sales tax revenue by unit.

Table 5: Estimated Average Sales Tax Revenue by Land Use Type, City of Clovis, Average for FY06 to FY11

Land Use Type	Share of Sales Tax Generated	Average Sales Tax Generated	Average Revenue per Unit	
Commercial	31.93%	5,032,073	1.96	per building sq. ft.
Multifamily Residential	14.56%	2,295,341	303.94	per dwelling unit
Mobile Home	1.85%	291,781	303.94	per dwelling unit
Rural Residential	3.40%	535,539	303.94	per dwelling unit
Single Family Residential	48.26%	7,606,356	303.94	per dwelling unit

Source: The Planning Center|DC&E, 2013, using data from Clovis Comprehensive Annual Financial Reports for FY06 to FY11, Clovis Planning and Development Services Department, and the Fresno County Assessor.

Business License and Franchise Fees

This revenue category includes two distinct sources of funds. Business licenses are paid by businesses operating in the city. The fiscal model allocates the average annual business license revenue among the major land use types based on the amount of nonresidential building square footage.

Franchise fees are paid by Pacific Gas & Electric, Comcast, and AT&T/Pacific Bell based on their gross receipts in the city. The fiscal model lacks detailed billing data from these utilities, and therefore it estimates each land use type's revenue generation based on population and number of jobs. The ratio of jobs to population plus jobs determines the amount of revenues attributable to nonresidential land uses, and the remainder is allocated to residential land uses. The model allocates the nonresidential franchise fees among the nonresidential land uses based on building square footage. It allocates the residential franchise fees among the residential uses based on share of population.

Because business license revenue and franchise fee revenue are typically reported together, they are presented as a single revenue source here. On average from FY06 to FY11, business licenses and franchise fees generated $3.9 mil-

lion annually in inflation-adjusted 2010 dollars. Table 6 provides each land use type's share of this annual revenue and the average revenue per unit.

Table 6: Estimated Average Business License and Franchise Fees Revenue by Land Use Type, City of Clovis, Average for FY06 to FY11

Land Use Type	Share of Revenue Generated	Average Revenue Generated	Average Revenue per Unit	
Agriculture	0.4%	14,020	22.96	per acre
Commercial	31.4%	1,230,913	0.19	per building sq. ft.
Hotel	1.8%	72,306	0.19	per building sq. ft.
Industrial	14.5%	568,256	0.19	per building sq. ft.
Multifamily Residential	6.9%	271,473	35.95	per dwelling unit
Mobile Home	0.6%	25,365	26.42	per dwelling unit
Office	5.9%	230,231	0.19	per building sq. ft.
Public	0.4%	14,130	0.02	per building sq. ft.
Rural Residential	2.2%	87,658	49.75	per dwelling unit
School	1.7%	66,759	106.60	per acre
Single Family Residential	31.8%	1,245,026	49.75	per dwelling unit
Storage	2.4%	93,587	0.19	per building sq. ft.
Utilities	0.0%	703	36.77	per acre

Source: The Planning Center|DC&E, 2013, using data from Clovis Comprehensive Annual Financial Reports for FY06 to FY11, Clovis Planning and Development Services Department, and the Fresno County Assessor.

Other Taxes

The "other taxes" revenue category consists primarily of the transient occupancy tax plus some additional revenue from the property transfer tax. The fiscal analysis model allocates the transient occupancy tax to hotel uses and generates a per-building-square-foot estimate. The model allocates the property transfer tax to the major land use types based on each type's share of taxable assessed valuation.

Table 7: Estimated Other Taxes Revenue by Land Use Type, City of Clovis, Average for FY06 to FY11

Land Use Type	Share of Revenue Generated	Average Revenue Generated	Average Revenue per Unit	
Agriculture	0.01%	119	0.19	per acre
Commercial	0.93%	9,939	0.00	per building sq. ft.
Hotel	90.00%	958,093	2.54	per building sq. ft.
Industrial	0.15%	1,580	0.00	per building sq. ft.
Multifamily Residential	0.76%	8,094	1.07	per dwelling unit
Mobile Home	0.03%	371	0.39	per dwelling unit
Office	0.14%	1,463	0.00	per building sq. ft.
Rural Residential	0.13%	1,335	0.76	per dwelling unit
Single Family Residential	7.70%	82,007	3.28	per dwelling unit
Storage	0.02%	235	0.00	per building sq. ft.
Vacant	0.12%	1,254	1.33	per acre

Source: The Planning Center|DC&E, 2013, using data from Clovis Comprehensive Annual Financial Reports for FY06 to FY11, Clovis Planning and Development Services Department, and the Fresno County Assessor.

The analysis finds that other taxes provided, on average, $1.1 million per year from FY06 to FY11, in inflation-adjusted 2010 dollars. Table 7 provides the estimated share of revenue generated, the average revenue generated, and the revenue by unit type.

Charges for Service

Charges for service are fees directly paid by residents, businesses, and developers for services provided by the city. The fiscal model can fairly easily estimate the allocation of six of these services—community development, culture and recreation, community sanitation, water, sewer, and transit—to major types of land uses. Each of these six is presented in the following paragraphs. The other three service areas—general government, public safety, and transportation—are discussed in the subsequent section on derived revenues for governmental activities.

Charges for Service–Community Development

The city charges fees for the review and approval of development and construction, intending to cover the cost of development review services. The fiscal model assumes that the amount of fees is commensurate with the value of construction approved in Clovis each year. Because one does not know how much construction will occur in 2035 and in the year of final buildout, the fiscal model allocates the community development charges for services (and the expenditures for community development services also) based on the total number of single-family and multifamily housing units and the total square footage of non-residential buildings.

This method for allocating revenues is an abstraction. It does not represent the amount paid by each house each year. Rather, it is a way to project the level of revenues that the city might experience in an average year based on the amount of then-existing development in the city.

Table 8: Estimated Community Development Charges for Service by Land Use Type, City of Clovis, Average for FY06 to FY11

Land Use Type	Share of PDS Revenues	Average Revenue Generated	Average Revenue per Unit	
Commercial	13.6%	1,087,897	0.17	per building sq. ft.
Hotel	0.8%	63,905	0.17	per building sq. ft.
Industrial	6.3%	502,232	0.17	per building sq. ft.
Multifamily Residential	4.0%	320,870	42.49	per dwelling unit
Mobile Home	2.4%	194,316	202.41	per dwelling unit
Office	2.5%	203,481	0.17	per building sq. ft.
Public	1.8%	143,457	0.17	per building sq. ft.
Rural Residential	4.4%	356,652	202.41	per dwelling unit
Single Family Residential	63.2%	5,065,586	202.41	per dwelling unit
Storage	1.0%	82,714	0.17	per building sq. ft.

Source: The Planning Center|DC&E, 2013, using data from Clovis Comprehensive Annual Financial Reports for FY06 to FY11, Clovis Planning and Development Services Department, and the Fresno County Assessor.

The fiscal analysis estimates that community development generates an average of $8.0 million for charges for service in inflation-adjusted 2010 dollars. Table 8 provides the average revenue generated by land use and the average revenue per unit.

Charges for Service–Culture and Recreation

The fiscal model assumes that culture and recreation serves residents of the city. The model calculates the per capita charges for service for each year from

FY06 to FY11 and allocates those revenues to each land use type based on the number of housing units and the average household size.

The fiscal analysis finds that the average charges for service for culture and recreation from FY6 to FY11 was $5.0 million. Table 9 provides the average annual revenues by land use type and the average revenues per unit.

Table 9: Estimated Culture and Recreation Charges for Service by Land Use Type, City of Clovis, Average for FY06 to FY11

Land Use Type	Average Annual Revenues	Average Revenues per Household
Agriculture	911	151.81
Multifamily Residential	828,335	109.68
Mobile Home	77,386	80.61
Rural Residential	267,481	151.81
Single Family Residential	3,799,086	151.81

Source: The Planning Center|DC&E, 2013, using data from Clovis Comprehensive Annual Financial Reports for FY06 to FY11, Clovis Planning and Development Services Department, and the Fresno County Assessor.

Charges for Service–Community Sanitation

The fiscal model calculates the revenues per capita for each year from FY06 to FY11, counting each job in the city as equivalent to 1/3 of a person. The portion of the revenues attributable to jobs is allocated to nonresidential land uses based on building square footage. The remainder of the revenues is allocated to the residential land uses based on the number of housing units and the average household size.

The revenue pays the cost to provide garbage collection and disposal. Community sanitation is a proprietary activity (a municipal enterprise): the amount of the charges is set at a level commensurate with the cost for services and facilities. The discussion of the fiscal analysis results presents results with and without revenues and expenditures from proprietary activities.

Table 10: Estimated Charges for Service for Community Sanitation by Land Use Type, City of Clovis, Average for FY06 to FY11

Land Use Type	Share of Revenue Generation	Average Revenue Generated	Average Revenue per Unit	
Agriculture	0.02%	2,487	4.07	per acre
Commercial	4.39%	679,280	0.11	per building sq. ft.
Hotel	0.26%	39,902	0.11	per building sq. ft.
Industrial	2.03%	313,593	0.11	per building sq. ft.
Multifamily Residential	14.63%	2,262,227	299.55	per dwelling unit
Mobile Home	1.37%	211,369	220.18	per dwelling unit
Office	0.82%	127,053	0.11	per building sq. ft.
Public	0.58%	89,574	0.11	per building sq. ft.
Rural Residential	4.72%	730,471	414.57	per dwelling unit
School	3.74%	577,533	922.20	per acre
Single Family Residential	67.11%	10,375,013	414.57	per dwelling unit
Storage	0.33%	51,646	0.11	per building sq. ft.
Utilities	0.00%	388	20.29	per acre

Source: The Planning Center|DC&E, 2013, using data from Clovis Comprehensive Annual Financial Reports for FY06 to FY11, Clovis Planning and Development Services Department, and the Fresno County Assessor.

The fiscal analysis finds that the average annual revenue from charges for service for community sanitation was $15.5 million in inflation-adjusted 2010 dollars. Table 10 provides the average revenue generated by land use type and the average revenue per unit type.

Charges for Service–Water

The fiscal model allocates average charges for service for water to land use types based on the metered delivery of water in 2011. Water is a proprietary activity, and the discussion of the fiscal model's results includes analyses with and without proprietary activities.

The fiscal analysis estimates that the average annual revenue from charges for service for water from FY06 to FY11 was $14.5 million in inflation-adjusted 2010 dollars. Table 11 provides the average annual revenues by land use type and the average revenue per unit.

Charges for Service–Sewer

The fiscal model allocates average charges for service for sewer to land use types based on the recommended design wastewater flow generation rates found in Table 4.1 in the Sewer Master Plan. Sewer is a proprietary activity, and the discussion of the baseline fiscal model's results includes analyses with and without proprietary activities.

The fiscal analysis estimates that the average annual revenue from charges for service for sewer from FY06 to FY11 was $14.2 million in inflation-adjusted 2010 dollars. Table 12 on the following page provides the average annual revenues by land use type and the average revenue per unit.

Table 11: Estimated Charges for Service for Water Service by Land Use Type, City of Clovis, Average for FY06 to FY11

Land Use Type	Share of Water Use	Average Annual Water Revenues	Average Revenue per Unit	
Commercial	10.4%	1,511,341	0.24	per building sq. ft.
Hotel	0.6%	88,778	0.24	per building sq. ft.
Industrial	1.1%	160,516	0.05	per building sq. ft.
Multifamily Residential	10.7%	1,549,220	205	per dwelling unit
Office	2.0%	282,682	0.24	per building sq. ft.
Park	2.4%	343,678	1,502	per acre
Public	3.7%	532,642	0.63	per building sq. ft.
Rural Residential	4.5%	645,236	366	per dwelling unit
School	1.4%	199,295	318	per acre
Single Family Residential	63.3%	9,164,404	366	per dwelling unit

Source: The Planning Center|DC&E, 2013, using data from Clovis Comprehensive Annual Financial Reports for FY06 to FY11, Clovis Planning and Development Services Department, and the Fresno County Assessor.

Table 12: Estimated Charges for Service for Sewer Service by Land Use Type, City of Clovis, Average for FY06 to FY11

Land Use Type	Share of Wastewater Flow	Average Annual Sewer Revenues	Average Revenue per Unit	
Commercial	15.4%	2,185,769	0.34	per building sq. ft.
Hotel	0.9%	128,395	0.34	per building sq. ft.
Industrial	3.1%	434,169	0.15	per building sq. ft.
Multifamily Residential	14.3%	2,034,107	269.35	per dwelling unit
Office	1.3%	190,255	0.16	per building sq. ft.
Park	0.0%	0	0.00	per acre
Public	0.9%	134,133	0.16	per building sq. ft.
Rural Residential	4.1%	582,450	330.56	per dwelling unit
School	1.6%	226,964	362.42	per acre
Single Family Residential	58.3%	8,272,644	330.56	per dwelling unit

Source: The Planning Center|DC&E, 2013, using data from Clovis Comprehensive Annual Financial Reports for FY06 to FY11, Clovis Planning and Development Services Department, and the Fresno County Assessor.

Charges for Service–Transit

The fiscal model assumes that population and employment drive transit use. The model calculates the per capita revenues, counting each job in Clovis as 1/3 of a person. The model allocates the portion of the revenues generated by employment to the nonresidential land uses based on building square footage. It allocates the remainder of the transit revenues to the residential land uses based on the number of housing units and average household sizes.

The fiscal analysis estimates that transit services generated average annual revenues of $3.7 million in inflation-adjusted 2010 dollars. Table 13 provides the average annual revenues by land use type and the average revenue by unit.

Table 13: Estimated Charges for Services for Transit by Land Use Type, City of Clovis, Average for FY06 to FY11

Land Use Type	Share of Revenue Generation	Average Revenue Generated	Average Revenue per Unit	
Agriculture	0.02%	552	0.90	per acre
Commercial	4.13%	151,207	0.02	per building sq. ft.
Hotel	0.24%	8,882	0.02	per building sq. ft.
Industrial	1.90%	69,806	0.02	per building sq. ft.
Multifamily Residential	18.95%	694,582	91.97	per dwelling unit
Mobile Home	2.41%	88,294	91.97	per dwelling unit
Office	0.77%	28,282	0.02	per building sq. ft.
Public	0.54%	19,939	0.02	per building sq. ft.
Rural Residential	4.42%	162,057	91.97	per dwelling unit
School	3.51%	128,559	205.28	per acre
Single Family Residential	62.79%	2,301,724	91.97	per dwelling unit
Storage	0.31%	11,496	0.02	per building sq. ft.
Utilities	0.00%	86	4.52	per acre

Source: The Planning Center|DC&E, 2013, using data from Clovis Comprehensive Annual Financial Reports for FY06 to FY11, Clovis Planning and Development Services Department, and the Fresno County Assessor.

Derived Revenues

Several revenue categories cannot be easily allocated to the major land use types with available data. These categories include grants and contributions and charges for service for government, public safety, and transportation. The model allocates these revenues to the major land use types based on each type's share of the direct revenue generated, as quantified in the preceding sections. The model estimates are presented in two sections below, one for governmental activities and one for enterprise activities.

In recent years, the city has obtained some very large one-time grants. It is anyone's guess as to whether or not that level of grant funding would be available to the city in 2035 and in the year of full buildout. To not overstate the potential revenue, the fiscal model takes a conservative approach by using the median level of grant and contributions funding ($26.4 million) from FY06 to FY11 rather than the average ($36.6 million).

Derived Revenues–Governmental Activities

These revenue sources include: grants and contributions; operating grants and contributions; capital grants and contributions; and charges for service for government, public safety, and transportation. The fiscal analysis estimates that these sources combined generated an average $38.8 million per year from FY06 to FY11 in inflation-adjusted 2010 dollars. Table 14 provides the share of direct revenue generated by each major land use type for the other governmental revenues already analyzed. Table 14 applies that share to the remaining revenues sources to calculate the average additional revenue generated by land use type and the average revenue per unit.

Derived Revenues–Proprietary Activities

The only proprietary activity revenue not previously allocated by land use is capital grants and contributions. From FY06 to FY11 the median annual reve-

Table 14: Derived Governmental Revenues by Land Use Type, City of Clovis, Average for FY06 to FY11

Land Use Type	Share of Direct Revenue Generated	Average Derived Revenue Generated	Average Revenue per Unit	
Agriculture	0.1%	26,397	43.22	per acre
Commercial	17.5%	6,774,573	1.06	per building sq. ft.
Hotel	2.1%	825,481	2.19	per building sq. ft.
Industrial	2.6%	1,003,575	0.34	per building sq. ft.
Multifamily Residential	9.8%	3,818,102	505.57	per dwelling unit
Mobile Home	1.3%	488,214	508.56	per dwelling unit
Office	1.3%	512,100	0.43	per building sq. ft.
Public	0.3%	117,917	0.14	per building sq. ft.
Rural Residential	2.8%	1,104,430	626.80	per dwelling unit
School	0.1%	49,954	79.77	per acre
Single Family Residential	61.2%	23,768,940	949.77	per dwelling unit
Storage	0.4%	162,008	0.33	per building sq. ft.
Utilities	0.0%	526	27.51	per acre
Vacant	0.4%	160,721	170.96	per acre

Source: The Planning Center|DC&E, 2013, using data from Clovis Comprehensive Annual Financial Reports for FY06 to FY11, Clovis Planning and Development Services Department, and the Fresno County Assessor.

nues from capital and operating grants for enterprise activities was $1.4 million in inflation-adjusted 2010 dollars. Table 15 allocates these revenues by land use based on each land use's share of other enterprise activity revenues.

Table 15: Derived Enterprise Revenues by Land Use Type, City of Clovis, Average for FY06 to FY11

Land Use Type	Share of Direct Revenue Generated	Average Derived Revenue Generated	Average Revenue per Unit	
Agriculture	0.01%	91	0.15	per acre
Commercial	9.47%	136,096	0.02	per building sq. ft.
Hotel	0.56%	7,994	0.02	per building sq. ft.
Industrial	2.05%	29,400	0.01	per building sq. ft.
Multifamily Residential	13.68%	196,591	26.03	per dwelling unit
Mobile Home	0.63%	9,008	9.38	per dwelling unit
Office	1.31%	18,885	0.02	per building sq. ft.
Park	0.72%	10,331	45.16	per acre
Public	1.62%	23,335	0.03	per building sq. ft.
Rural Residential	4.44%	63,732	36.17	per dwelling unit
School	2.37%	34,037	54.35	per acre
Single Family Residential	63.01%	905,194	36.17	per dwelling unit
Storage	0.13%	1,898	0.00	per building sq. ft.
Utilities	0.00%	14	0.75	per acre

Source: The Planning Center|DC&E, 2013, using data from Clovis Comprehensive Annual Financial Reports for FY06 to FY11, Clovis Planning and Development Services Department, and the Fresno County Assessor.

Investment Earnings

Investment earnings are primarily driven by the city's financial management and budget practices: the larger the amount of reserves invested rather than spent, the higher the investment earnings. The level of investment earnings in 2035 will depend on the how well the city applies its fiscal practices between now and then and prevailing interest rates. To provide a conservative projection of future revenues, the fiscal model applies the lowest rate of investment earnings to all other revenues between FY06 to FY11 to the projected revenues in 2035. For governmental revenues, the lowest rate was 0.56 percent in FY11. For enterprise revenues, the lowest rate was 0.58 percent, also in FY11.

Estimated Revenues by Land Use

Combining all of the revenues described previously in the revenue section, except investment earnings and the budget reserve adjustment, Table 16 shows the average annual revenues estimated by land use type.

Table 16: Estimated Annual Revenues by Land Use Type, City of Clovis, Average for FY06 to FY11

Land Use Type	Total Revenues	Revenue per Unit	
Agriculture	65,000	106.11	per acre
Commercial	20,492,000	3.19	per building square foot
Hotel	2,203,000	5.84	per building square foot
Industrial	3,352,000	1.13	per building square foot
Multifamily Residential	15,657,000	2,073.28	per dwelling unit
Mobile Home	1,449,000	1,509.73	per dwelling unit
Office	1,844,000	1.54	per building square foot
Park	354,000	1,547.64	per acre
Public	1,075,000	1.27	per building square foot
Rural Residential	4,764,000	2,703.95	per dwelling unit
School	1,283,000	2,048.85	per acre
Single Family Residential	86,553,000	3,458.53	per dwelling unit
Storage	444,000	0.91	per building square foot
Utilities	2,000	89.84	per acre
Vacant	376,000	399.44	per acre
TOTAL	**139,913,000**		

Source: The Planning Center|DC&E, 2013.

Expenditures

Police Department

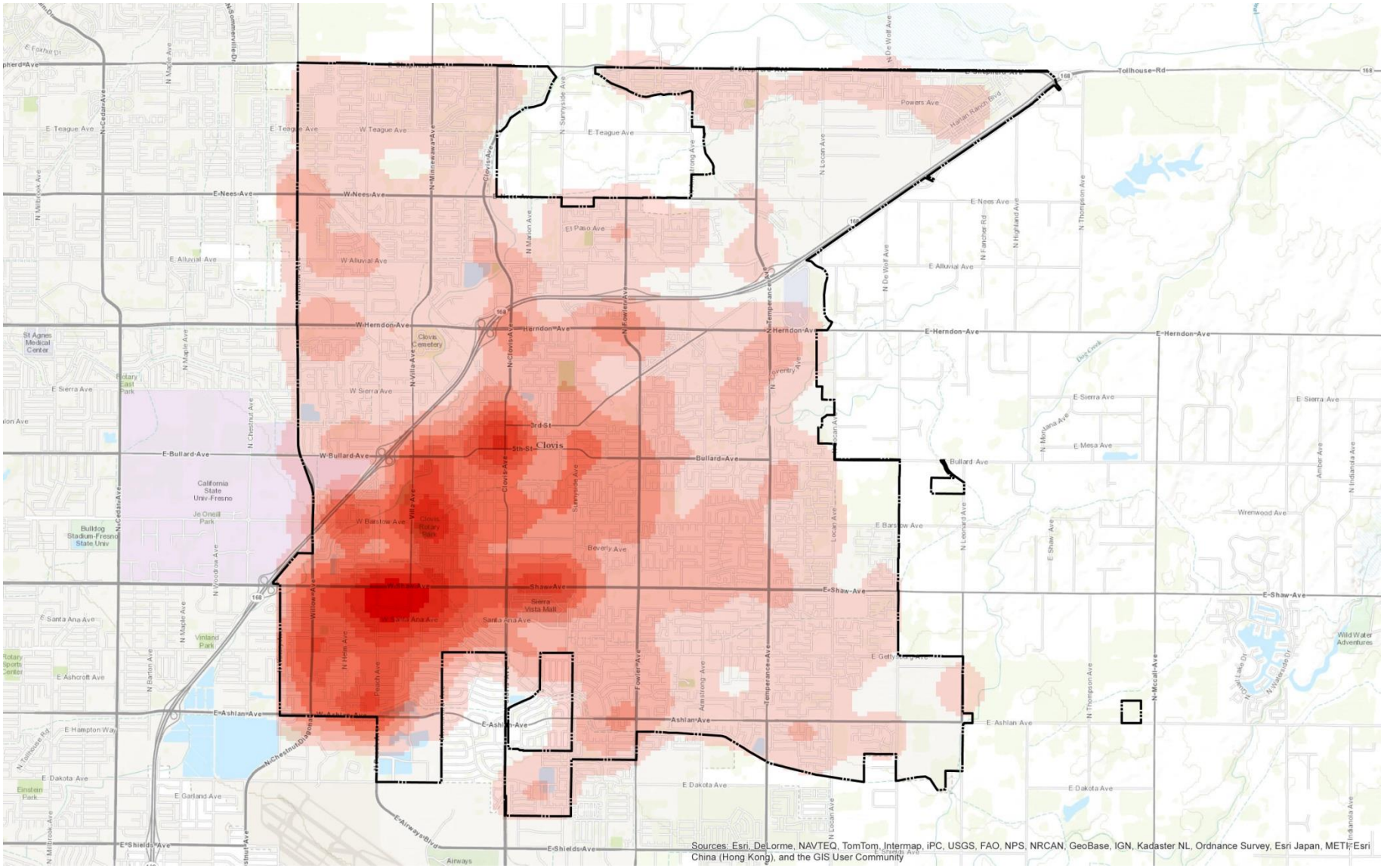
Police department expenditures account for the largest single category of spending. The city's FY13 budget allocates 41.8 percent of the general fund to the police department. The Police Department Master Service Plan recommends that the city employ 1.3 officers per 1,000 residents. However, from FY06 through FY11 the rate averaged 1.12, and in FY11 it fell to 0.98.

Demand for police services, however, is driven by more than just the resident population. Indeed, some of the city's hot spots for law enforcement are bars and the southwest neighborhood, areas with only the most tangential relationship to new housing development in the urban villages. To provide a more detailed assessment of the link between police activity and land use, we analyzed the location of police calls for service for calendar year 2010 and linked calls to existing land use. The map in Figure 3 shows the concentration of police calls throughout the city in 2011.

The largest concentrations of police department calls for service are the major intersections around Clovis. Because the calls for service are intersections, they cannot easily be allocated to individual parcels. The individual address with the most calls for service in 2010 was Wal-Mart on Shaw Avenue. The areas with the largest concentrations of calls for service are Old Town and neighborhoods in the southwest part of the city.

It is unlikely the future growth and development will create these same hot spots. However, the data does not provide a statistically reliable way to estimate the difference in future costs with and without new hot spots. Thus, the fiscal model implicitly assumes new hot spots. Policies that effectively limit new hot spots would likely reduce the projected level of police expenditures.

Figure 3: Distribution of Police Department Calls for Service, City of Clovis, 2011



Source: The Planning Center|DC&E, 2013, using data from the Clovis Police Department.

Table 17: Estimated Average Annual Police Department Cost by Land Use Type, City of Clovis, Average for FY06 to FY11

Land Use Type	Share of Calls	Average Annual Cost	Average Cost per Unit	
Agriculture	1.33%	342,266	560.45	per acre
Commercial	20.77%	5,332,194	0.83	per building sq. ft.
Drain Basin	0.52%	133,186	301.97	per acre
Hotel	0.45%	116,073	0.31	per building sq. ft.
Industrial	2.24%	574,226	0.19	per building sq. ft.
Multifamily Residential	18.60%	4,775,546	632.36	per dwelling unit
Mobile Home	0.94%	241,075	251.12	per dwelling unit
Office	1.63%	419,369	0.35	per building sq. ft.
Park	1.69%	432,669	1,891.52	per acre
Public	2.13%	546,882	0.65	per building sq. ft.
Rural Res	1.35%	347,475	197.20	per building sq. ft.
School	2.62%	672,628	1,074.05	per acre
Single Family Residential	43.92%	11,274,329	450.50	per dwelling unit
Storage	0.22%	57,664	0.12	per building sq. ft.
Utilities	0.01%	1,488	77.88	per acre
Vacant	1.57%	402,535	428.19	per acre

Source: The Planning Center|DC&E, 2013, using data from the Clovis Police Department, Clovis Comprehensive Annual Financial Reports for FY06 to FY11, Clovis Planning and Development Services Department, and the Fresno County Assessor.

Table 17 provides the share of total police calls for each major land use type. From FY06 to FY11, the city spent an average of $22.8 million per year on police services. Table 17 indicates the average annual spending on police services for each major land use type. It also calculates the per-unit cost for police services by land use category using the existing levels of development presented in Table 2.

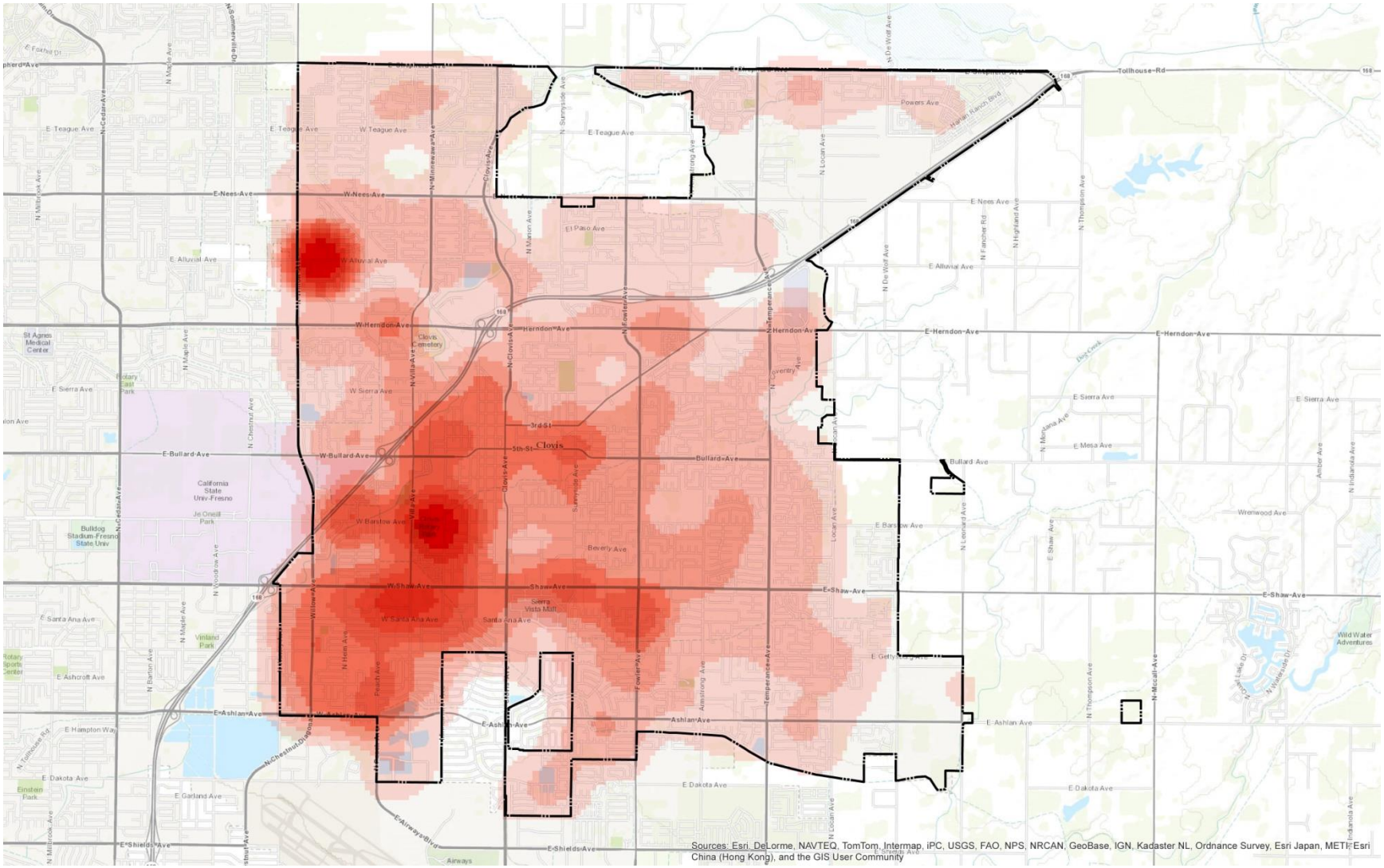
Fire Department

The fiscal analysis links fire department expenditures to land use with the same methodology used for the police department. For fire, however, the data for calls include FY08 to FY10.

As with the police department, the map of fire department calls shows several individual locations with large numbers of calls for service. Some of these are senior living facilities. Others are neighborhoods with higher levels of poverty, in which many residents lack medical insurance and use the fire department's EMTs for primary medical care. For the fire department, the 30 addresses with the most calls for service accounted for 19.2 percent of all calls. Figure 4 shows the concentrations of fire department calls for service.

In contrast to the police department, the fiscal model excludes the fire department costs estimated for these 30 addresses from the calculation of future costs, assuming that these conditions will not be repeated in the growth areas. However, the GPU will need to include appropriate policies related to the types of uses and development that generate so many service calls.

Figure 4: Distribution of Fire Department Calls for Service, City of Clovis, FY08 to FY10



Source: The Planning Center|DC&E, 2013, using data from the Clovis Fire Department.

Table 18: Estimated Average Annual Fire Department Cost by Land Use Type, City of Clovis, Average for FY06 to FY11

Land Use Type	Share of Calls	Average Annual Cost	Average Cost per Unit	
Agriculture	0.9%	85,206	139.52	per acre
Commercial	12.8%	1,167,317	0.18	per building sq. ft.
Drainage Basin	0.3%	30,836	0.00	per acre
Hotel	0.3%	25,967	0.07	per building sq. ft.
Industrial	2.4%	216,666	0.07	per building sq. ft.
Multifamily Residential	17.2%	1,564,944	207.22	per dwelling unit
Mobile Home	0.5%	44,226	46.07	per dwelling unit
Office	1.9%	173,251	0.14	per building sq. ft.
Park	0.9%	79,120	345.89	per acre
Public	2.0%	178,932	0.21	per building sq. ft.
Rural Residential	1.8%	167,165	94.87	per building sq. ft.
School	2.2%	196,784	314.23	per acre
Single Family Residential	55.0%	5,002,789	199.90	per dwelling unit
Storage	0.6%	51,935	0.11	per building sq. ft.
Utilities	0.0%	2,434	127.40	per acre
Vacant	1.3%	114,013	121.28	per acre

Source: The Planning Center|DC&E, 2013, using data from the Clovis Fire Department, Clovis Comprehensive Annual Financial Reports for FY06 to FY11, Clovis Planning and Development Services Department, and the Fresno County Assessor.

Table 18 provides the share of total fire department calls for each major land use type. From FY06 to FY11, the city spent an average of $11.1 million per year on fire department services. The 30 addresses with the highest numbers of service calls accounted for $2.2 million of the total annual costs.

Table 18 indicates the average annual spending on fire department services for each major land use type, based on the share of calls. Finally, Table 18 calculates the per-unit cost for fire department services by land use category using the existing levels of development presented in Table 2.

Planning and Development Services

Estimating future expenditures for the planning and development services department (PDS) uses a different methodology. Whereas police and fire expenditures were derived based on calls for service, PDS expenditures are derived based on the valuation of construction authorized by building permits. This method implicitly assumes that other planning functions that precede issuance of building permits are still correlated to the relative valuation of construction by type of use. The model analyzes three basic use types: single-family residential by number of units, multifamily residential by number of units, and non-residential construction by building square footage.

This difference in methodology has implications for the interpretation of the results. With police and fire, the cost per unit (for example, the cost per single-family dwelling unit) can be reasonably interpreted as the average cost for each single-family dwelling unit in the city, the fee each unit pays for police protection whether or not the police respond to a call at the unit that year. For PDS, the city already estimates the costs to directly provide services for development and charges fees to developers to cover those costs. The fiscal model estimates each construction type's share of total PDS expenditures and then allocates those costs to each land use category based on the land use category's share of each type of construction. Thus, the average cost per unit provided in Table 19

is an abstraction to allow estimating future levels of PDS expenditures and is not a direct cost to the city attributable to each dwelling unit and non-residential building in the city.

Table 19 presents the share of annual PDS expenditures for each major land use type with dwelling units or significant amount of building space. It also shows the average annual PDS costs allocated to each land use and the average cost per unit.

Table 19: Estimated Average Planning and Development Services Department Cost by Land Use Type, City of Clovis, Average for FY06 to FY11

Land Use Type	Share of PDS Expenditures	Average Annual Cost	Average Cost per Unit	
Commercial	13.6%	935,197	0.15	per building sq. ft.
Hotel	0.8%	54,935	0.15	per building sq. ft.
Industrial	6.3%	431,738	0.15	per building sq. ft.
Multifamily Residential	4.0%	275,832	36.52	per dwelling unit
Mobile Home	2.4%	167,042	174.00	per dwelling unit
Office	2.5%	174,920	0.15	per building sq. ft.
Public	1.8%	123,321	0.15	per building sq. ft.
Rural Residential	4.4%	306,591	174.00	per dwelling unit
Single Family Residential	63.2%	4,354,567	174.00	per dwelling unit
Storage	1.0%	71,104	0.15	per building sq. ft.

Source: The Planning Center|DC&E, 2013, using data from the Clovis Planning and Development Services Department, Clovis Comprehensive Annual Financial Reports for FY06 to FY11, the US Census Bureau, and the Fresno County Assessor.

Public Utilities

The public utilities department provides a variety of services and facilities, and the fiscal model allocates the costs for these differently. The analysis covers fleet maintenance as an administration of government expenditure in the following section. The remaining public utilities services are discussed in the following paragraphs.

Streets, Lighting, and Drainage

Allocating expenditures for street maintenance, street improvements, street lighting, and drainage to specific land uses is problematic because these public facilities serve and connect multiple land uses. For example, a local street may serve only a single residential neighborhood. However, residents in that neighborhood probably drive a number of connected streets to get to work.

The fiscal model estimates the average expenditures for street maintenance, street improvements, street lighting, and drainage from FY06 to FY11 at $33,288 per lane mile, excluding the CA-168 freeway. The projected expenditures in 2035 and at full buildout are based on this estimated cost and the number of lane miles planned for 2035 and at full buildout.

Storm drainage is not necessarily directly correlated with lane miles. Nevertheless, including it with street maintenance and lighting reflects an implicit assumption that expansion of the city's storm drainage infrastructure through 2035 will be roughly similar to the expansion of the street network.

Parks and Landscape Maintenance

The fiscal analysis assumes that parks and landscape maintenance serve only the resident population. The model therefore allocates the costs to housing units based on the average household size by type of housing unit. The analysis includes landscape maintenance with parks because both serve primarily residents and residential areas, although the two are quite distinct. The implicit

assumption is that the expansion of landscape maintenance districts through 2035 will be roughly proportionate to the expansion of parks.

The fiscal model finds that the average annual expenditure for parking improvements and maintenance from FY06 to FY11 was $7/5 million and landscape maintenance was $2.2 million. Taken together, the average annual expenditure per capita was $117.80. Table 20 provides the expenditures on a per household basis by type of housing unit.

Table 20: Parks and Landscape Maintenance Expenditures per Household by Housing Unit Type, City of Clovis, FY06 to FY11

Expenditures per Single-Family Household	488.82
Expenditures per Multifamily Household	349.85
Expenditure per Mobile Home Household	252.00

Source: The Planning Center|DC&E, 2013, using data from the Clovis Planning and Development Services Department, Clovis Comprehensive Annual Financial Reports for FY06 to FY11, the US Census Bureau, and the Fresno County Assessor.

Community Sanitation

The fiscal analysis model allocates community sanitation expenditures to each land use category based on population. For non-residential uses, the model assumes that each job in the city generates solid waste at the rate of 0.25 residents, and then allocates the non-residential expenditures to land use categories based on the share of total non-residential building square footage.

Community sanitation is an enterprise activity. User fees are set at the necessary level to cover the required expenditures. The discussion of the baseline scenario addresses the projected fiscal balance with and without the revenues and expenditures of the enterprise activities.

Table 21: Estimated Average Community Sanitation Cost by Land Use Type, City of Clovis, Average for FY06 to FY11

Land Use Type	Share of Expenditures	Average Annual Expenditures	Average Cost per Unit	
Agriculture	0.1%	11,595	18.99	per acre
Commercial	4.4%	692,471	0.11	per building sq. ft.
Hotel	0.3%	40,677	0.11	per building sq. ft.
Industrial	2.0%	319,682	0.11	per building sq. ft.
Multifamily Residential	15.0%	2,362,114	312.78	per dwelling unit
Mobile Home	1.1%	173,902	181.15	per dwelling unit
Office	0.8%	129,520	0.11	per building sq. ft.
Public	0.6%	91,314	0.11	per building sq. ft.
Rural Residential	4.7%	744,425	422.49	per dwelling unit.
School	3.7%	588,748	940.11	per acre
Single Family Residential	67.0%	10,573,195	422.49	per dwelling unit
Storage	0.3%	52,649	0.11	per building sq. ft.
Utilities	0.0%	395	20.69	per acre

Source: The Planning Center|DC&E, 2013, using data from the Clovis Planning and Development Services Department, Clovis Comprehensive Annual Financial Reports for FY06 to FY11, the US Census Bureau, and the Fresno County Assessor.

The fiscal analysis finds that the average annual expenditure for community sanitation from FY06 to FY11 was $14.9million. Table 21 allocates these costs by land use type and provides the cost per unit.

Water

The fiscal model allocates average expenditures for water service to land use types based on the metered delivery of water in 2011. Water is an enterprise service, and the discussion of the baseline scenario includes analyses with and without enterprise services.

The fiscal analysis finds that the average annual expenditure for water from FY06 to FY11 was $14.6 million. Table 22 allocates these costs by land use and identifies the cost per unit for each land use type.

Table 22: Estimated Average Water Expenditures by Land Use Type, City of Clovis, Average for FY06 to FY11

Land Use Type	Share of Water Use	Average Annual Water Expenditures	Average Cost per Unit	
Commercial	10.4%	1,797,087	0.28	per building sq. ft.
Hotel	0.6%	105,564	0.28	per building sq. ft.
Industrial	1.1%	190,864	0.06	per building sq. ft.
Multifamily Residential	10.7%	1,842,128	243.93	per dwelling unit
Office	2.0%	336,128	0.28	per building sq. ft.
Park	2.4%	408,657	0.00	per acre
Public	3.7%	633,347	0.75	per acre
Rural Residential	4.5%	767,230	435.43	per dwelling unit
School	1.4%	236,975	378.40	per building sq. ft.
Single Family Residential	63.3%	10,897,100	435.43	per dwelling unit

Source: The Planning Center|DC&E, 2013, using data from the Clovis Planning and Development Services Department, Clovis Public Utilities Department, Clovis Comprehensive Annual Financial Reports for FY06 to FY11, the US Census Bureau, and the Fresno County Assessor.

Sewer

The fiscal model allocates average expenditures for sewer service to land use types based on the recommended design wastewater flow generation rates found in Table 4.1 in the Sewer Master Plan. Sewer is an enterprise service, and the discussion of the baseline scenario includes analyses with and without enterprise services.

Table 23: Estimated Average Wastewater Expenditures by Land Use Type, City of Clovis, Average for FY06 to FY11

Land Use Type	Share of Sewage Flow	Average Annual Wastewater Expenditures	Average Cost per Unit	
Commercial	15.4%	2,292,511	0.36	per building sq. ft.
Hotel	0.9%	134,666	0.36	per building sq. ft.
Industrial	3.1%	455,372	0.15	per building sq. ft.
Multifamily Residential	14.3%	2,133,443	282.50	per dwelling unit
Office	1.3%	199,547	0.17	per building sq. ft.
Park	0.0%	0	0.00	per acre
Public	0.9%	140,683	0.17	per acre
Rural Residential	4.1%	610,894	346.71	per dwelling unit
School	1.6%	238,047	380.11	per building sq. ft.
Single Family Residential	58.3%	8,676,641	346.71	per dwelling unit

Source: The Planning Center|DC&E, 2013, using data from the Clovis Planning and Development Services Department, Clovis Public Utilities Department, Clovis Comprehensive Annual Financial Reports for FY06 to FY11, the US Census Bureau, and the Fresno County Assessor.

The fiscal analysis finds that the average annual expenditure for sewer service from FY06 to FY11 was $10.9 million. Table 23 on the previous page allocates these costs by land use and identifies the cost per unit for each land use type.

Administration of Government Expenditures

The expenditures analyzed in the preceding sections represent services provided directly to the city's residents and businesses. The fiscal model allocates those costs to the major land use categories at differing rates based on the demand driver for each individual service. The remaining city expenditures, however, do not typically have a direct resident or business customer. Instead, they constitute the general cost of running local government.

Understanding the fiscal implications of the general plan, however, requires projecting the future cost of running the government. To allocate the cost of administering the government to each major land use type, the fiscal model adds up each category's average cost for the direct services. A category's share of total direct services costs is then taken as its appropriate share of the administration of government expenditures. Table 24 provides the direct service expenditures for each major land use category and each category's share of the total.

Table 25 on the following page lists the inflation-adjusted average expenditures for the budget categories that the model analyzes as administration of government. Several of these categories warrant some explanation.

The city had a community redevelopment agency during the years used as a basis for the fiscal model, but the state has eliminated redevelopment agencies. Without the redevelopment agency funding, Clovis will unlikely be able to sustain the same investment in community and economic development as it has in the past. The fiscal model uses the city's budget for economic development for FY2013, the first full year with no redevelopment agency funding, as the basis for projecting future expenditures in economic development.

Table 24: Direct Service Expenditures by Land Use, City of Clovis, Inflation-Adjusted Average for FY06 to FY11

Land Use Type	Share of Direct Expenditures	Average Annual Direct Cost	Average Cost per Unit	
Agriculture	0.4%	440,137	720.71	per acre
Commercial	10.9%	12,216,777	1.90	per building sq. ft.
Drainage Basin	0.1%	164,023	371.88	per acre
Hotel	0.4%	477,881	1.27	per building sq. ft.
Industrial	2.0%	2,188,548	0.74	per building sq. ft.
Multifamily Residential	14.9%	16,608,126	2,199.17	per dwelling unit
Mobile Home	0.9%	995,419	1,036.89	per dwelling unit
Office	1.3%	1,432,736	1.19	per building sq. ft.
Park	0.8%	920,446	4,023.95	per acre
Public	1.5%	1,714,479	2.03	per building sq. ft.
Rural Residential	3.7%	4,131,951	2,345.03	per dwelling unit
School	1.7%	1,933,183	3,086.90	per acre
Single Family Residential	60.6%	67,654,426	2,703.37	per dwelling unit
Storage	0.2%	233,352	0.48	per building sq. ft.
Utilities	0.0%	4,318	225.96	per acre
Vacant	0.5%	516,548	549.47	per acre

Source: The Planning Center|DC&E, 2013.

As discussed in the introduction, most of the capital expenditures are included in the expenditures for each budget category. Some capital expenditures, however, are attributable to general governance or serve more than one budget category. The administration of government includes this set of capital expenditures. The fiscal analysis estimates that the city spends on average $2.4 million per year on these capital investments.

Using the share-of-direct-expenditures data from Table 24 and the total annual expenditures for administration of government from Table 25, Table 26 provides the allocation of these expenditures by major land use category and the cost per unit.

Table 25: Average Annual Expenditures for Administration of Government, City of Clovis, Inflation-Adjusted Average for FY06 to FY11

City Council	237,919
City Clerk	216,459
City Attorney	741,807
City Manager	614,184
Personnel	527,941
Finance	1,950,276
Debt Service	1,073,157
Economic Development	779,994
Capital Investments-General Government Facilities	3,187,751
TOTAL	**9,329,489**

Source: The Planning Center|DC&E, 2013, using data from Clovis Comprehensive Annual Financial Reports and Annual Budgets for FY06 to FY11.

Table 26: Estimated Average Administration of Government Expenditures by Land Use Type, City of Clovis, Average for FY06 to FY11

Land Use Type	Share of Expenditures	Average Annual Cost	Average Cost per Unit	
Agriculture	0.4%	36,784	60.23	per acre
Commercial	9.6%	1,020,997	0.16	per building sq. ft.
Drainage Basin	0.1%	13,708	31.08	per acre
Hotel	0.4%	39,938	0.11	per building sq. ft.
Industrial	2.0%	182,904	0.06	per building sq. ft.
Multifamily Residential	14.3%	1,387,997	183.79	per dwelling unit
Mobile Home	0.8%	83,190	86.66	per dwelling unit
Office	1.3%	119,739	0.10	per building sq. ft.
Park	0.8%	76,925	336.29	per acre
Public	1.6%	143,285	0.17	per building sq. ft.
Rural Residential	3.8%	345,321	195.98	per dwelling unit
School	1.7%	161,563	257.98	per acre
Single Family Residential	62.5%	5,654,106	225.93	per dwelling unit
Storage	0.2%	19,502	0.04	per building sq. ft.
Utilities	0.0%	361	18.88	per acre
Vacant	0.4%	43,170	45.92	per acre

Source: The Planning Center|DC&E, 2012, using data from the Clovis Planning and Development Services Department, Clovis Comprehensive Annual Financial Reports for FY06 to FY11, the US Census Bureau, and the Fresno County Assessor.

Estimated Expenditures by Land Use

Combining all of the expenditures described previously in the expenditure section, Table 27 shows the average annual expenditures estimated by land use type. One should note that the expenditure data reflect the adjustment to the fire department budget described on page 32. Without these adjustments, the total average annual expenditures would be $136.9 million. One should also note that the data reflect current reductions in service to cope with the recession. The discussions in the following chapter address the fiscal balance if expenditures were increased to offset some of the reductions in service.

Table 27: Estimated Annual Expenditures by Land Use Type, City of Clovis, Average for FY06 to FY11

Land Use Type	Total Expenditures	Expenditures per Unit	
Agriculture	498,000	815.08	per acre
Commercial	14,248,000	2.22	per building square foot
Drainage Basin	185,000	419.63	per acre
Hotel	566,000	1.50	per building square foot
Industrial	2,563,000	0.87	per building square foot
Multifamily Residential	19,354,000	2,562.71	per dwelling unit
Mobile Home	1,140,000	1,187.55	per dwelling unit
Office	1,681,000	1.40	per building square foot
Park	1,078,000	4,713.42	per acre
Public	2,018,000	2.39	per building square foot
Rural Residential	4,868,000	2,762.66	per dwelling unit
School	2,284,000	3,647.57	per acre
Single Family Residential	79,257,000	3,166.99	per dwelling unit
Storage	268,000	0.55	per building square foot
Utilities	5,000	256.98	per acre
Vacant	583,000	620.02	per acre
TOTAL	**130,597,000**		

The Planning Center|DC&E, 2013.

Fiscal Balance by Land Use Type

To project future revenues and expenditures requires estimating the costs and revenues by land use type, which is what the preceding sections in this chapter have done. Having this information available encourages many to ask what is the relative balance among the different land uses? This question may be quickly answered by comparing the information in Table 16 and Table 27.

This simple approach, however, does not fully address the issue, because some land uses, specifically drainage basins, parks, public facilities, and schools, function to provide services to the other land uses, namely agriculture, residences, commerce, and industry. To better answer the question, the costs and revenues from the former set of land uses should be allocated to the latter set. In addition, the full costs of police and fire should be used to reflect the reality of today.

Table 28 provides the average revenues and expenditures and the resulting fiscal balance by land use.

Table 28: Governmental Activities Fiscal Balance (Revenues less Expenditures) by Land Use, City of Clovis, Average from FY06 to FY11

	Total Fiscal Balance	Fiscal Balance per Acre	Fiscal Balance per Unit	
Agriculture	-456,300	-747	-747.17	per acre
Commercial	6,730,000	10,254	1.05	per building sq. ft.
Hotel	1,683,000	123,730	4.46	per building sq. ft.
Industrial	880,000	2,481	0.30	per building sq. ft.
Multifamily Residential	-3,830,000	-7,171	-507.15	per dwelling unit
Mobile Home	323,000	3,292	336.46	per dwelling unit
Office	214,000	1,653	0.18	per building sq. ft.
Rural Residential	-70,000	-73	-39.73	per building sq. ft.
Single Family Residential	8,000,000	1,529	319.67	per dwelling unit
Storage	185,000	2,789	0.38	per building sq. ft.
Vacant	-202,000	-215	-214.87	per acre

Source: The Planning Center|DC&E, 2013.

Does Residential Pays Its Way?

A quick glance at Table 28 suggests that single-family residential pays its own way. The average single family house generates $319.67 more in municipal revenue than it costs for public services and facilities. Recall, however, that the fiscal model allocates about two-thirds of sales tax revenues to households in the city. Without the attribution of some sales tax revenues to households, each single-family residential house would cost the city about $212 per year.

In the sense of the direct revenues that housing pays to the city, single-family detached housing does not pay its own way. But, in the sense of the direct and indirect revenues generated, the fiscal model suggests that single-family housing does pay its own way. The caveat to this finding, however, is that those households must continue to conduct much of their shopping in the city. New housing near the borders with Fresno might have a great proclivity to spend money in Fresno, whereas new housing Loma Vista or the Northeast Growth Area may be more likely to shop more often in Clovis.

Why Is Multifamily More Costly?

The two most expensive service provided by the city are police and fire. The fiscal model allocates the cost for these services based on the calls for service by land use type. The data show that multifamily housing generates a large number of service calls for police and fire.

Multifamily housing calls for fire service are skewed by the large number of calls to senior housing and senior care facilities in the city. For example, Willow Creek Heath Care Center had an average of 230 calls per year from FY08 to FY10. Multifamily housing calls for police service are heavily affected by the concentration of apartments in the southwest area of the city. For example, in FY10, the police made 267 service calls to Clovis Courtyard Apartments.

The fiscal model assumes that the General Plan Update will include policies to minimize the potential for new development to create similar high call development. In addition to land use and development policies, the city should explore if it would be possible and politically feasible to establish a fee for exceeding a certain number of calls for service in a 12-month period. There are pros and cons to such a fee, more than can be given sufficient discussion here. However, such a fee could discourage excessive use of police and fire resources and prohibit private facilities from shifting their costs to the public sector. Finally, a fee would alter the assumptions on which the fiscal model is based on and would likely reduce if not eliminate the negative fiscal impact of multifamily housing.

Are Offices More Costly Than Industry?

The fiscal model estimates that industrial properties generate about $0.30 per building square foot more in revenue than they require in costs for public facilities and services. Offices, however, generate a net benefit of only $0.18 per building square foot.

The costs for offices are skewed downward because a number of senior housing projects that generate a large amount of fire department service calls are located in areas designated for office development. This is not a problem per se, but the model has no way to differentiate areas planned for future office development that may end up with senior housing and those that will be developed with offices. Therefore, the fiscal analysis models planned office areas with the costs associated with potential senior housing. This update of the General Plan may provide a good opportunity to addresses appropriate locations and land use designations for senior housing.

General Plan Fiscal Balance

The previous chapter quantified the average revenues and expenditures by land use type, based on the existing land use in the city. This chapter uses those average values and the amount of development by land use type (see Table 3 on page 19) to project the city's revenues, expenditures, and fiscal balance in 2035 and when the General Plan is fully built out.

The results are presented for three scenarios:

+ Primary Forecast
+ Pessimistic Scenario
+ Optimistic Scenario

The primary forecast is the key metric to evaluate the fiscal balance of the General Plan Update. The subsequent scenarios are "what ifs"; they illustrate changes in the future fiscal balance if certain assumed conditions should develop differently than assumed.

Primary Forecast

The primary forecast is based on the assumptions described in the previous chapter. Some of these assumptions, however, warrant repeating here. First, the bases for the projections are the average revenues and expenditures from FY06 to FY11. These years represent some good years and some really challenging years. The analysis assumes that these *averages* reasonably represent the true costs and revenues the city will experience over time.

Second, one may know that much will change over time even without knowing exactly what will change and how. For example, the basic system of municipal finance in California is so fractured and crippled that it is, by most accounts, unsustainable over the long term. It is likely that this system will have to be fixed, if not re-invented, at some point, but it is not possible today to know how and when. A fiscal model cannot accurately project such changes. Thus, the fiscal analysis should be thought of as a quantification of municipal revenues and expenditures if the planned city of 2035 or full build-out existed today rather than thought of as an accurate portrayal of the world in 2035.

Third, the primary forecast does not explicitly account for specific public investments that will be required to develop in the growth areas. At some point after adoption of the General Plan Update, the city will update its master plans. Until those plans are updated, it is not known what infrastructure will be needed to extend water and sewer to the Northwest and Northeast Growth Areas and what the cost will be. The baseline scenario assumes that current levels of debt service and capital investment, escalated proportionately to the overall level of development, will be sufficient. After presenting the three scenarios, this chapter explores capital investment issues.

Finally, the baseline scenario incorporates several factors discussed previously. It assumes that Clovis achieves only half of its economic development goal, which equates to 20 percent more job growth than the past trend. It assumes that the internet captures and additional 7.5 percent of taxable retail sales than what it captures today. It assumes that the city adheres to effective policies to limit the creation of future hot spots for fire department service calls. And finally, the primary forecast assumes that a return to more normal levels of service for police staffing, recreation, park maintenance, and street maintenance.

Primary Forecast Results

Table 29 provides the projected revenues and expenditures under the primary forecast for 2035 and at full buildout. The fiscal model finds that the assumed amount of development would generate a government-wide budget deficit of $12.0 million in 2035 and $15.6 million at full buildout. These deficits represent 4.8 percent and 3.9 percent of projected expenditures. Because there are so many assumptions that go into 20+ year forecasts, one should consider a result of plus or minus five percent as essential fiscally balanced.

The fact that government-wide revenues and expenditures are essentially balanced in 2035 and at full buildout should not obscure the lack of fiscal balance for governmental activities. The primary forecast projects that expenditures for governmental activities would exceed revenues by $18.8 million (16.5 percent) in 2035 and by $29.6 million (15.8 percent) at full buildout. This level of deficit represents a structural problem, meaning that the city will need to undertake structural changes to current practices in order to have a balanced general fund.

At the same time, the primary forecast suggests that the proprietary activities—water, sewer, refuse, transit, and the lighting and landscaping maintenance district—would generate excess revenues over expenditures: $6.8 million (5.1 percent of revenues) in 2035, and $14.0 million (6.5 percent of revenues) at full buildout.

Table 29: Projected Revenues and Expenditures (in inflation-adjusted 2010 dollars), Primary Forecast

	2035	Full Buildout
Governmental Activities		
Revenues	95,217,000	157,354,000
Expenditures	114,035,000	186,886,000
Difference	-18,818,000	-29,533,000
	-16.5%	-15.8%
Proprietary Activities		
Revenues	141,734,000	227,304,000
Expenditures	134,908,000	213,338,000
Difference	6,827,000	13,967,000
	5.1%	6.5%
Government-Wide Total		
Revenues	236,951,000	384,658,000
Expenditures	248,943,000	400,224,000
Difference	-11,992,000	-15,566,000
	-4.8%	-3.9%

Note: The percentage difference represents the ratio of the deficit to expenditures when expenditures exceed revenues. It represents the ratio of the surplus to revenues when revenues exceed expenditures.

Pessimistic and Optimistic Scenarios

Twenty or more years is a long time for a forecast. Many of the assumed economic conditions may not materialize as envisioned. The fiscal analysis model provides a pessimistic scenario, which assumes that certain conditions generate less revenue or more demand for services, and an optimistic scenario, which assumes that certain conditions generate more revenue or less demand for services.

Table 118 summarizes the differences among the primary forecast and the two scenarios. The pessimistic scenario basically assumes that current policies and development patterns continue unchanged. One may think of it as the do-nothing scenario: it is the fiscal balance that the city can expect in the future if there is no effort to change. The optimistic scenario basically assumes that the city is able to fully achieve several important goals. One may think of it as the what-if-everything-goes-right scenario.

For economic development, the pessimistic scenario assumes that employment continues to grow in Clovis at the same rate it has grown since 1990, and the optimistic scenario assumes that economic growth produces 40 percent more jobs than the trend rate of growth. The pessimistic scenario assumes that the internet captures an increasingly larger share of taxable retail sales, growing from 7.6 percent to 22.6 percent. In contrast, the optimistic scenario assumes that the city is able to promote destination retail development and capture increased spending from visitors to Clovis and to promote businesses with a point-of-sales presence in order to offset increased internet retail sales. In effect, increasing internet retail sales would have no net impact under the optimistic scenario. Finally, the pessimistic scenario assumes that new growth and development results in future public safety hot spots. The optimistic scenario assumes that the city adopts and implements policies that effectively inhibit the creation of new hot spots.

Table 30 compares the projected revenues and expenditures under the pessimistic and optimistic scenarios to the primary forecast for 2035. The primary forecast and the optimistic scenario essentially produce a government-wide fiscal balance in 2035. Under the pessimistic scenario, however, the fiscal

Table 30: Comparison of Revenue and Expenditure Projections (in inflation-adjusted 2010 dollars) under Three Scenarios, 2035

	Pessimistic Scenario	Primary Forecast	Optimistic Scenario
Governmental Activities			
Revenues	83,174,000	95,217,000	107,598,000
Expenditures	110,802,000	114,035,000	121,940,000
Difference	-27,628,000	-18,818,000	-14,342,000
	-24.9%	-16.5%	-11.8%
Proprietary Activities			
Revenues	132,481,000	141,734,000	151,106,000
Expenditures	125,757,000	134,908,000	141,959,000
Difference	6,725,000	6,827,000	9,148,000
	5.3%	5.1%	6.4%
Government-Wide Total			
Revenues	215,655,000	236,951,000	258,704,000
Expenditures	236,558,000	248,943,000	263,899,000
Difference	-20,903,000	-11,992,000	-5,195,000
	-8.8%	-4.8%	-2.0%

Source: The Planning Center|DC&E, 2013

model finds that the government-wide deficit would exceed even a reasonable five percent margin of error. For governmental activities, all three scenarios indicate a structural deficit. It bears reiterating this point: even under optimistic assumptions, the fiscal model suggests that the city would have a significant general fund deficit. Under the pessimistic scenario, however, the projected deficit would be so large that it would require a fundamental change in the type of city Clovis is and the quantity and quality of its services and facilities.

Policy Implications

The findings of the primary forecast and the two alternative scenarios indicate the future growth and development have important implications for the city's fiscal sustainability.

The pessimistic scenario, in essence, represents a continuation of current policies and development patterns. The fiscal model demonstrates that Clovis cannot continue to grow as a bedroom community. Such continuation would require a 25 percent reduction in expenditures. This means that the city will have to invest in economic development and adopt a mindset that economic and employment growth is a requirement for continued residential growth.

Even under the assumptions of the optimistic scenario, the city would still face a 12 percent deficit in governmental activities. This means that the city will have to continue to manage costs while seeking out and implementing more productive ways to provide public facilities and services. The city will also need to find ways to minimize or eliminate the creation of new hot spots that demand inordinate levels of service.

Finally, the city will need to manage and pace its growth. Letting residential development get ahead of office and industrial development is a recipe for fiscal problems. Similarly, developing new retail centers that cannibalize existing centers leads to structural vacancies, urban blight, and crime. The city will need to be vigilant and not jump at any chance of sales tax revenues unless the new development can be sustained by new housing development. After all, shifting retail sales from one center to another does not create any new revenue for the city.

Appendix J

Service Provider Responses

Appendices

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If you would like to receive this questionnaire in MS Word format, please email Ryan Potter at rpotter@planningcenter.com.

NOTE: The City Planning and Development Services Department has provided us a copy of the Fire Department Master Service Plan (2009-2014). As applicable and convenient, please feel free to refer us to this Plan for information.

1. Please summarize the City of Clovis Fire Department's service boundaries and any joint aid agreements for the Plan Area (City, SOI, area beyond SOI): The Clovis Fire Department (CFD) primary service area encompasses the City boundaries. CFD maintains an automatic-aid agreement with the City of Fresno that extends service to the west beyond the SOI. In addition, CFD has a mutual aid agreement with Fresno County Fire Protection District that provides service by request into the SOI area to the east of Clovis.

2. Per the Clovis Fire Department's (CFD) website, the City of Clovis (City) is served by five fire stations, as shown below. Please provide current information (equipment and staffing) for each of the existing fire stations.

Station	Location	Equipment	Daily Staffing
Station 1	633 Pollasky Avenue	Truck (2)	3-4
Station 2	2300 Minnewawa	Engine, HazMat Unit, Brush Engine	3
Station 3	555 N. Villa	Engine (2)	3
Station 4	2427 Armstrong	Engine, OES Engine, Water Tender	3
Station 5	790 N. Temperance	Engine (2), Urban Search and Rescue Unit	3

3. The “Standards of Coverage for Emergency Response” section of the 2009-2014 *Fire Department Master Services Plan* indicates the current standard for emergency response is **five minutes or less, 90 percent of the time**. Please confirm this standard. The document does not have a nonemergency standard response. What is CFD’s performance standard for responding to nonemergency calls within the service area (i.e., minutes to reach the call location)? CFD actively maintains a response time standard of 5 minutes or less, 90 percent of the time for all call types.

4. What is the current average response time (in minutes) for emergency and non-emergency calls? Our current performance is response to all call types within five minutes or less 82% of the time.

5. What is the standard estimate for determining the number of fire emergency calls generated by new residential and nonresidential development (e.g., calls per residential unit/square foot of nonresidential development)?

   The City of Clovis Fire Department can estimate approximate call volume using historical data for commercial and residential development through FireView software. Data shows that a typical single family residential development generates 89 calls for service annually. Commercial development generates 100 calls for service.

6. Are the existing resources (personnel, equipment) adequate to serve the City under current conditions? Yes.

7. Please summarize any additional resources (facilities, equipment, personnel) needed to serve future development under the General Plan and Development Code Update.

   a. For the 2035 buildout scenario (see Table 2 for statistical summary): None

   b. For the post-2035 General Plan buildout scenario (see Table 2): Under our current staffing model, the post 2035 build-out scenario will require an additional fire station located at Perrin Ave/Clovis Ave. With the addition of a station an additional engine would occur along with the hiring of 12 personnel.

   c. What factors are used to project these needs? Our Standards of Coverage establishes triggers adopted by Council and our staffing matrix based of 1710.

8. The 2012-2013 Community Investment Program indicates that Fire Station 3 is programmed for remodeling and a police/fire training facility is planned. Please describe any additional improvements/developments planned (e.g., new stations or hiring of more personnel) for the area that serves the Plan Area. Please also describe anticipated funding sources for those improvements. The Station 3 remodel has been put on hold and the capital improvement funds have been re-directed to our Training Center. No additional personnel are needed for Station 3. Our Training Center has gone through

some major improvements with the addition of several training props. Most of the funding source for these improvements have come from private donations and the recycling/reuse of city owned materials.

9. Please provide any additional comments and/or information regarding fire service for this project under the proposed General Plan and Development Code Update (attach additional pages as necessary).

Response Prepared By:

Lee Kraft	Fire Chief
Name	**Title**
Clovis Fire Department	November 16, 2012
Agency	**Date**

From:
To:
Cc:
Subject: RE: Clovis GPU questionnaire follow up
Date: Wednesday, March 19, 2014 3:57:48 PM
Attachments: Fire - Automatic Aid Agreement 2013 FCFPD.doc
Fire - CLOVIS AUTO AID AREA Exhibit 2.pdf
Fire - 2013 CLV FCO Automatic Aid Agreement 091613 Exhibit 1.doc

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Frances:

I'm going to answer each question but have cc:'d Chief Despain to ensure accuracy, so he may weigh in as well.

1. The process for development of 2 new stations is a multi-pronged process. Call volume and response items are critical elements in determining when we begin the development process. In addition, consideration is given to current zoning and projected population density for projects within those zones. Can they be served from an existing station and meet our adopted response time goals? Is there a special risk or hazard within that area that would require unique response assets or personnel? All of these factors help refine station location and build-out. The process for development of each station has begun at the conceptual level but will track differently in terms of land acquisition and layout based on the factors above. It is anticipated that the staffing will be similar to our current model. Presently, the City is looking at property acquisition but nothing has been finalized.
2. The Automatic Aid Agreement with Fresno County Fire Protection district was approved in December of 2013. A copy of the staff report and agreement is attached. We are monitoring the agreement and will be circling back with council with an update on how the agreement is working this spring.

Let Chief Despain or I know if you have further questions.

Chad Fitzgerald
Life Safety Enforcement Manager
Clovis Fire Department
559-324-2218

From:
Sent: Thursday, March 13, 2014 11:06 AM
To: Chad Fitzgerald
Subject: Clovis GPU questionnaire follow up

Hi Chad,

I'm following up with our email correspondence in late July regarding the City of Clovis General Plan Update project. I had a couple of follow-up questions to the questionnaire response you and former (?) Fire Chief Kraft had answered for us last year (attached). You forwarded my questions to Chief Despain, but I didn't get a response. Steve Gunnells and Colin Drukker from my office have worked on this project for much longer and mentioned that I should speak directly to you if I had any other questions, which I do! Hopefully a list will be easier to answer:

1. The City's 5-Year Community Investment Program proposes for two additional fire stations: Fire Station at Leonard/Loma Vista and Fire Station 7 in the Northwest Area. They are located in the City's SOI rather than the City limits. What is the process for development of these stations and would development proceed prior to annexation into the city limits? How will they be staffed? Does the City own the property?

2. CFD's Strategic Plan 2013-2017 strategic goal objective 3.1 states: Explore restoration of automatic aid with Fresno County FPD Station 85. When did it change from an automatic aid to a mutual aid? Does CFD see potential in entering into an automatic aid agreement with them in the future?

    a. Fresno County FPD's questionnaire response strongly encourages an automatic aid agreement with CFD in the future to better assist with any fire service impacts from the proposed project (see attached Fresno County FPD's questionnaire response regarding auto aid with CFD). Does CFD share a similar opinion?

Our report has a tight schedule so a timely response would be greatly appreciated! I will plan to call you towards the end of next week if I don't hear back.

Thanks in advance!
Frances

If you would like to receive this questionnaire in MS Word format, please email Frances Ho at fho@planningcenter.com.

1. Please summarize the Fresno County Fire Protection District's (FCFPD's) service boundary relative to the City of Clovis and Plan Area as shown in attached Figure 1, *Citywide Aerial*.

   In general, the Fresno County Fire Protection District provides fire and life safety services in the Northern and Eastern areas immediately adjacent to the city of Clovis. The District is one of five fire protection districts within Fresno County, and provides services to an area that covers roughly 2,600 square miles from eighteen fire stations that are strategically located. The District provides all risk services within the Plan Area to territory that is generally categorized as Rural Response Area based on the population and occupancy densities.

2. Please summarize any cooperative/joint service agreements with the City of Clovis Fire Department and any other agencies for fire protection services, and how these agreements would be altered as additional development areas are annexed to the City of Clovis.

   The Fresno County Fire Protection District has cooperative Automatic Aid Agreements with every fire service provider within and adjacent to Fresno County with the exception of the Cities of Clovis and Fresno. There has been recent discussion on the development of an Automatic Aid Agreement with the City of Clovis. However, as of this writing and deadline an agreement has not been finalized and adopted. Automatic Aid agreements are based on the closest resource response concept, regardless of jurisdictional boundaries, and are intended to ensure the most efficient delivery of emergency services to the public. The District has stations and personnel that are closer as a primary and secondary resource to some of the areas that the City of Clovis plans to annex as part of this plan. Therefore, it is in the best interest of the public and both agencies that as a condition of the findings of this report that the implementation of an Automatic Aid Agreement between the District and City be required to ensure service continuity and efficiency within the proposed Plan Area. As a side note, the Insurance Services Office (ISO) has recently adopted new rating standards that penalize agencies that do not have closest resource auto aid agreements with adjacent agency resources. These agencies are penalized with the reduction of points during their ISO rating process. The loss of these points could result in contributing to a lower overall score which could cause a higher rating classification for each agency. This higher rating classification would then contribute to higher insurance premiums for residents in both the City of Clovis and the District. Thus, in addition to the operational and life safety benefits of an Automatic Aid Agreement, the recent implementation of the ISO rating change has created a political and financial incentive for both agencies to enact such an agreement to the benefit of our collective stakeholders. At this time, it appears that agreements with our other cooperating agencies should not be affected by the development proposed within this Plan Area.

3. Please provide current information regarding the equipment (i.e. engines, fire trucks, EMT vehicles) and daily staffing for each of the existing fire stations that serve the unincorporated area of the Plan Area.

Station	Location	Equipment	Daily Staffing
North Clovis Station 85	1392 Nees Avenue Clovis, CA	Type I, Triple Combination Pumper (Fire Engine) ¾ Ton Command Vehicle	3 person career staffing daily on fire engine 1 career chief officer Fire engine staffing supplemented by part-time paid call firefighters
Clovis Lakes Station 86	4925 N. Nelson Clovis, CA	Type I, Triple Combination Pumper (Fire Engine) Type I, Heavy Water Tender	2 person career staffing daily Fire engine staffing supplemented by part-time paid call firefighters Cross staffing between engine and water tender based on call needs
South Fresno Station 87	4706 E. Drummond Fresno, CA	105' Quint Ladder Truck Type 6, CAL S Squad Heavy Technical Rescue Apparatus	5 person career staffing daily at station (3 person staffed on Truck and 2 person staffed on squad) Cross staffing between squad and heavy rescue based on call needs
Easton Station 89	5810 S. Cherry Fresno, CA	Type I, Triple Combination Pumper (Fire Engine) Reserve Type I, Triple Combination Pumper (Reserve Fire Engine)	2 person career staffing daily Fire engine staffing supplemented by part-time paid call firefighters Reserve engine used as a backup resource based on need

4. What is FCFPD's performance standard for responding to emergency and non-emergency calls within the service area (i.e., minutes to reach the call location)?

The District is currently conducting a standard of coverage analysis. This analysis is based on National Fire Protection Association (NFPA) 1710 and 1720 standards. In accordance with NFPA standards for population density and response criteria, the Plan Area is deemed "Rural." As a target recommendation, NFPA suggests that agencies respond to 90% of all calls for service in rural areas within 10:00 minutes. While 10:00 minutes is the target goal, NFPA establishes a minimum baseline standard of 13:00 minutes in rural areas as well.

5. What is the current average response time (in minutes) for emergency and non-emergency calls?

The primary first due responders for the Plan Area in question are stationed at 1392 Nees Clovis, CA 93612 (Station 85), and 4925 N Nelson Clovis, CA 93612 (Station 86). Response analysis from the Plan Area includes both non-emergency and emergency calls combined. Our current database does not have the capability of differentiating between the two categories. The District's 2012 total responses within the rural Plan Area exceeded the NFPA baseline standard of 13:00 minute/90% response 98% of the time. The District exceeded the NFPA target standard of 10:00 minute/90% response 91% of the time. In 2012, the District's median response time within the Plan Area was 7:48. Again, while this median response time is considered to be excellent for the Rural Response Category it also includes all non-emergency calls for service. Therefore, it is reasonable to assume that our actual median response for emergency calls only (lights and siren activated) is actually even better than the aforementioned median time by virtue of the inclusion of non-emergency (without lights and siren) calls that have a slower drive time as warranted by the call type.

6. Are the existing resources (personnel, equipment) adequate to serve the remainder of the Plan Area under current conditions?

Under the current conditions and our performance in exceeding national standards for the category of lands in which we serve within the Plan Area, the current level of service is adequate for servicing the land as it is classified today. However, as the City of Clovis grows and its population density increases, it will result in additional service demands for the District. This occurs as additional residents, workers, and visitors traverse through the Fire District on their way to and from the increased urban centers within the city boundaries. As the city grows it will take time for the tax base to provide the financial resources necessary to add city fire stations to absorb the increased service demands within the city. As the city annexes and develops, the service demands within the city and the District begin to increase. Until the tax base increases enough to build a fire

station and afford the annual staffing costs in perpetuity a service gap is created. It would be mutually beneficial to both entities if during this service gap period a collective agreement were reached in which both agencies worked collectively to determine the best possible operational deployment at the most affordable mutual cost. As an example, depending on the growth in an area in relation to our facilities, the City could enter into an Automatic Aid Agreement before development begins to capture the immediate service demand increases. As service demands further increase, the City could consider contracting with the District to add personnel to the District fire station(s) depending on mutual need. As the service demands grow further, the City could begin construction on its fire station in a strategic location as determined by the projected growth and final build out. After completion, the District could move its equipment and staff into the city station until a predetermined date or until the city service demands require and the city tax base can support the perpetual annual station operating costs in entirety. By this time the city's next growth area would have similar growth and service gap demands and the City could build its next station that could be occupied by the District. This creative concept allows the city to grow and to allow its service to grow at a rate that is more commensurate with the tax base. The District would maintain its service levels not only in the areas surrounding Clovis, but in its global service network. Our stations would be strategically located with the city and be able to react to the increased service demands within the District adjacent to the City and within the City as it begins to grow. The aforementioned possibilities represent just a few of the many ideas possible when collective planning and deployment are pursued. Surely, the City of Clovis Fire Department has similar creative ideas that could and should be considered as well.

7. Please summarize any plans for fire service improvements plans or expanded capacity (personnel, equipment) that would serve the unincorporated portion of the Plan Area (e.g., the Fresno County Fire Protection Plan for 2008-2012 states a need for four additional District-staffed fire stations including two in the Central County and one in the East County. Would any of those three stations' service areas include the City of Clovis or the Plan Area?)

   The fire stations that you reference are planned to address the District's current, and more importantly, its future expected increased service demands in those specific areas. Those stations would not have a primary service impact on the City of Clovis or the Plan Area. However, if those stations were in place they would provide a secondary support function to the Plan Area on multiple apparatus responses and move up and cover situations during high service demands.

8. What are the funding sources for the planned improvements?

   The funding sources are Communities Facility District (CFD) and increased tax base commensurate with market conditions and development.

9. Please summarize any additional resources (facilities, equipment, personnel) needed to serve future development under the General Plan and Development Code Update.

   a. For the 2005 buildout scenario (see Table 2 for statistical summary):

It is difficult to project a specific needed increase of resources for a general area as each specific area adjacent to the City of Clovis and within the Plan Area will undergo a re-classification from Rural Response category to possibly a Suburban Response or even a Metropolitan Response Category based on the population and occupancy densities within that given area. Depending on the specific area that is annexed and developed initially, and then later in the Plan, and the actual densities within that area will dictate the corresponding increased service demands on both the City and the District and in turn the most appropriate course of action by both. If the City and the District enter into an Automatic Aid Agreement that allows for the sharing of resources immediately upon request, then perhaps the immediate impacts will be neutralized. If the City annexes and develops in the Northern area of the Plan first and large scale development occurs soon, then perhaps the District could consider working with the City on a plan to relocate the District resources to a mutually beneficial location sooner rather than later. If the City were to pursue growth in the Southeastern area of the Plan first, then perhaps the District's current resources and locations would be adequate based on their current location and the City might need to add a station or resources sooner in that area. Only real time continuous collective planning and operations will ensure seamless growth and service delivery.

b. For the post-2035 General Plan buildout scenario (see Table 2):

Same response as 9a.

c. What factors are used to project these needs?

Historically, the District has experienced an increase in call volume of roughly 27% in areas adjacent to Cities as they annex and develop as a result of increases in the population and occupancy densities. Naturally, as the response category changes from a rural designation to a Suburban or Metropolitan rating then the direct area and adjacent areas will experience service demand increases commensurate with the density of development. Therefore, when Cities grow it does have a direct effect on our service demands in and around those areas as well. With that said, it is imperative that the City engage the District as a planning and operational partner before, during, and after growth occurs to ensure that our collective actions compliment each other's plans and the subsequent mutually increased service demands.

10. How will expanded service capabilities and improvements be funded?

It should be funded collectively, with the City and the District working in concert to the mutual benefit of our stakeholders.

11. How would the proposed General Plan and Development Code Update affect FCFPD's ability to provide services? Please comment on any area of specific concern.

Independent planning by agencies that share borders and constituents leads to ineffective and inefficient service delivery platforms for both agencies. This results in higher costs and less effective service to our collective customers. Typically, when an agency only considers its current and future needs, at least within the fire service, we end up with fire stations from different jurisdictions that are located in close proximity to one another with an overlap in service areas (This is currently the case with Clovis Fire Station 5 and our Station 85.) This is operationally unnecessary and fiscally irresponsible. In this "Great Recession" recovery era it should be required that decision makers work collectively to find mutually beneficial solutions to ensure stability and productive service delivery while protecting the financial interests of the government agencies and collective tax payers alike.

12. Please provide any additional comments and/or information regarding fire service for this project under the proposed General Plan and Development Code Update (attach additional pages as necessary).

Historically, cities within Fresno County have developed their fire station and service delivery plans based on the needs of their respective jurisdiction only. It is assumed that this methodology has been based on the fear or assumption that the growing jurisdiction could not count on their neighboring jurisdictions for the long term even if they shared a strong cooperative relationship when their growth plans were being considered. Granted, this philosophy was a pre-Great Recession approach, and perhaps decision makers, regardless of jurisdiction, now realize that collective long term planning can be achieved in perpetuity for mutual benefit. Only time will tell if history will repeat itself, or if the lessons learned from our new economic reality will drive more creative and collective planning and service delivery decisions into the future. It is our hope and belief that the latter should prevail, and we should be equal partners in the planning and delivery of fire services that are mutually beneficial to both the City and District as well as to our collective customers.

The fire service is built on the concept of effective force in which personnel and resources are positioned for the most effective and efficient fire responses. This methodology takes into consideration that most fires require multiple apparatus and personnel to safely extinguish the fire and protect the public's interests. The need to locate apparatus and personnel based on the effective force deployment approach is what makes the fire service unique as compared to most other governmental services which are based on more singular need conditions. Therefore, more consideration needs to be given during the jurisdictional planning process in regards to the effective force response needs of both the agency that is growing and the agency that is impacted by that growth. This point is even more compounded by the economic constraints that all local governments are currently experiencing in this new economy. In today's economic and political environment an agency cannot justify the expense and logic of building a fire station in close proximity to another jurisdiction's fire station when it creates an inefficient and unnecessary service area overlap. This type of planning commits the tax

payers of the developing agency to a significant initial capital outlay to build the station and a large perpetual annual cost to staff and operate that station that is unnecessary since it shares a response area with an adjoining agency's pre-existing station and could be served for much less or perhaps even free with cooperative and collective planning and aid or service agreements. History has shown us that if development stalls or the state of the economy weakens, then the developing agency is left with a fire station that it cannot afford because it was built and staffed before it was needed or before the tax base could support it in perpetuity. The developing agency is then forced to make reductions in services or staffing to reduce its costs to an affordable level and/or seek higher government assistance or grants to sustain or repair its service delivery platform. Either scenario ends up costing the tax payer more in the direct loss of services or the subsequent indirect increase in tax payer funded financial support to repair the services to pre-existing levels. Again, history has already told us that this model is not sustainable and does not insulate the developing agency and its tax payers from unforeseen economic conditions. Therefore, it is absolutely imperative that agencies are required to ensure that future plans are built with consideration and mitigation of these historical conditions before they occur, because now that it's predictable, it is also preventable.

The point is that the new economic reality and the lessons learned from this Great Recession dictate a new creative collective approach to accomplish the same desired operational outcomes more efficiently and at a more cost effective price point for the tax payers today and into the future. Jurisdictional growth and development no longer need to be considered a zero sum game. Going forward, collective and creative mutually beneficial planning and resource sharing should be required as the standard instead of being recommended as an after thought, especially as it pertains to the fire service. There are many options available that could and would be to the mutual benefit of both jurisdictions and our collective tax payers. We must want to work together to find creative solutions if we are to be successful individually and collectively in this new economic and operational era.

Response Prepared By:

[signature]	Battalion Chief
Name	**Title**
Fresno County Fire Protection District	8/9/13
Agency	**Date**

If you would like to receive this questionnaire in MS Word format, please email Frances Ho at fho@planningcenter.com.

1. Please verify that the City of Clovis (City) is mainly served by the Clovis Police Department (CPD) station located on Fifth Street in the City. Please provide the locations of any substations.

All Police Department personnel are stationed at and respond from headquarters located at 1233 Fifth Street. There are no additional substations in the City of Clovis.

2. Does CPD serve areas outside of the City, such as the City's SOI or planned development areas?

No. The Police Department will respond to areas within the SOI if requested to by allied agencies. Priority one calls specifically are responded to upon request by the Sheriff's department or CHP.

3. What is CPD's performance standard for responding to emergency and non-emergency calls within the service area (i.e., minutes to reach the call location)?

A goal for the department is to respond to all priority one calls in less than 5 minutes. For priority two calls the time frame is to be dispatched is within 15 minutes and priority 3 calls are to be dispatched within 30 minutes.

4. What is the current average response time (in minutes) for emergency and non-emergency calls?

Currently we can not provide an accurate account of our overall response times due to our inability to obtain real time data from our computer system. We can say that our priority one response times due appear to be within the 5 minutes. Priority 2 and 3 calls vary greatly on how busy it is during the day. Some calls have to hold several hours prior to an officer being available to respond.

5. What is the standard estimate for determining the number of police calls generated by new residential and nonresidential development (e.g., calls per residential unit/square foot of nonresidential development)?

Currently there is not a formula in place for predicting the amount of calls for service generated by new development. As the city does grow there is an immediate impact on the time for arrival. Some commercial properties impact the police department immediately. With residential area growth the increase in traffic and the increase in residents will impact the response times. We also see an increase in property crimes from once construction begins through the existence of a neighborhood.

6. Are the existing resources (personnel, equipment, and facilities) adequate to serve the City under current conditions?

This is a yes and no answer. Currently we are maintaining service levels based on our current staffing conditions. This is due to use of non sworn personnel to handle calls for service. The no part is that overtime has to be used in order for us to attack problem areas and be proactive. Specifically the shortage is in the ability to perform proactive enforcement on a regular basis. One example of this would be the traffic division. Currently there are only 3 persons assigned to this division. At minimum we should have 5 people assigned to the traffic and enforcement needs.
Other divisions where additional personnel could be used currently are in:
Gang Unit
Narcotics Unit
General Investigations
Youth Services
Patrol
Records

Adequate however is not a standard to which the Clovis Police Department strives for. Our goal is to provide "superior" protection and service.

7. Please summarize any additional resources (stations, equipment, personnel) needed to serve future development under the General Plan and Development Code Update.

   a. For the 2035 buildout scenario (see Table 2 for statistical summary):

      For PD the build-out would require additional space to headquarters. Personnel would require a large increase. The geographical size would require the addition of at least 2 beats which translates to a minimum of 12 officers and 4 Community Service Officers. In addition there would be needed increases in gangs, narcotics, investigations, records, traffic.

      There would also be needed increase in supervision such as an additional patrol Lieutenant. Overall there would need to be an increase of approximately 25 officers and approximately 15 civilian staff positions. With the needed personnel there would also be a need to increase the amount of overall equipment purchased and vehicles.

      Numbers and needs however could vary greatly based on the overall increase in crime and the potential change of laws within California. These numbers could actually be lower than what is needed.

      A comprehensive study and need assessment will be conducted by the PD over the next several months which will provide more accurate data and projections.

      PD understands that these new positions cannot be added at one time and it will take place over a number of years.

b. For the post-2035 General Plan buildout scenario (see Table 2)?

See Above- The same would apply.

b. What factors are used to project these needs?

Growth and current trends facing the police department.

8. Please describe any existing plans to expand police service and/or facilities in the area that serves the City. Please also describe anticipated funding sources for those improvements.

The funding to support the Police Department is dictated by the general fund and the overall financial state of the city. So the plans to expand police services is dictated by the general fund. Clovis PD is a full service Police Department that responds to all calls for service.

9. Please provide any additional comments and/or information regarding police service for this project under the proposed General Plan and Development Code Update (attach additional pages as necessary).

Growth and the increase in crime will have a large impact on the Police Department. For us to maintain as a full service police department and maintain the goal of being the safest city in the valley, personnel and the equipment to go with those personnel will be needed. Clovis PD can not waiver in our ability to respond to the needs of our citizens and the need to maintain a safe environment.

Response Prepared By:

Matthew Basgall	Police Captain
Name	**Title**
Clovis PD	8/7/13
Agency	**Date**

If you would like to receive this questionnaire in MS Word format, please email Ryan Potter at rpotter@planningcenter.com.

1. Please verify the following statement and make any corrections necessary:

   "The remainder of the Plan Area (outside City limits) is covered under Area 2 of the Fresno County Sheriff's Department (FCSD), which operates out of the station at 5717 East Shields Avenue."

   The Area II Command only goes to the Friant Kern Canal. East of the Friant Kern Canal is the responsibility of Area IV. Area IV has various substations, however the current commander is the same as the Area II Commander. The substations in Area IV are in Auberry and Squaw Valley.

   An Area II map is attached.

2. What is FCSD's performance standard for responding to emergency and non-emergency calls within the service area (i.e., minutes to reach the call location)?

   Priority 1 = 3 minutes (e.g. 911 calls, in-progress calls, etc,)
   Priority 2 = 20 minutes
   Priority 3 = 3 hours
   Priority 4 = 24 hours (e.g. no suspect information/insurance purposes only; can be on-line reported).

   There are many types of calls for service. If you require the entire list; please let me know.

3. What is the current average response time (in minutes) for emergency and non-emergency calls in the Plan Area?

   The Queue and Response Times By Priority are listed for Area II. I did a query for the past 12 months (based upon 4/11/12 – 4/10/2013). The queue time is the time the dispatcher picks up the phone to sending a deputy. The response time is the actual time it takes the deputy to respond once dispatched to the call.

Area II	Queue Time (minutes)	Response Time (minutes)
Priority 1	1.6	11.3
Priority 2	23.3	34.5
Priority 3	36.1	39.0
Priority 4	138.1	158.0

   I do not have a specific query based solely upon the sphere of influence map you provided, however the statistics listed above are for all of Area II, which is a reasonable estimate. If you require a specific query, please advise as I will need additional time.

4. Are the existing resources (personnel, equipment, and facilities) adequate to serve the remainder of the Plan Area under current conditions?

No, under the County's General plan we want 2 deputies per 1,000 residents (sworn staff). Correctional staff would also be needed to fulfill the inmate increase based upon a large population increase. Professional Staff would also need to be increased based upon the population growth (dispatch, records, etc.).

The personnel increase necessitates equipment costs such as vehicles, radios, etc. In addition, the jail space needed to expand with the population growth would need consideration. It will be a capital project. There is discussion on expanding the jail; however without approval of a plan the additional build-out of Clovis under the sphere of influence would necessitate a larger jail facility to accommodate the growth.

The substation (Area II) may be large enough to accommodate the sphere growth. However there are discussions on consolidating buildings (substations) at the Juvenile Justice Center (JJC: capital project). The JJC would meet the necessary growth need in my opinion if approved by the Board of Supervisors.

5. Please summarize any additional resources (stations, equipment, personnel) needed to serve future development under the General Plan and Development Code Update.

   a. For the 2035 buildout scenario (see Table 2 for statistical summary):

      Refer to comments listed above.

   b. For the post-2035 General Plan buildout scenario (see Table 2):

      Refer to comments listed above; depending on the size of the jail build, would depend on if the jail/facilities were appropriate to handle the additional estimated 100,000 person increase from the 2035 buildout.

   c. What factors are used to project these needs?

      The factors included are: the County General Plan, statistical information about population growth and current facility discussions/issues and reports. There are many jail needs assessment reports. If require a report, please let me know and I will find one of the most current reports to send to you (all similar).

6. Please describe any existing plans to expand police service and/or facilities in the area that serves the Plan Area. Please also describe anticipated funding sources for those improvements.

   The funding sources include but are not limited to: county general fund monies, grant monies (federal, state and Indian), contracts and fees (taxes).

7. Please provide any additional comments and/or information regarding police service for this project under the proposed General Plan and Development Code Update (attach additional pages as necessary).

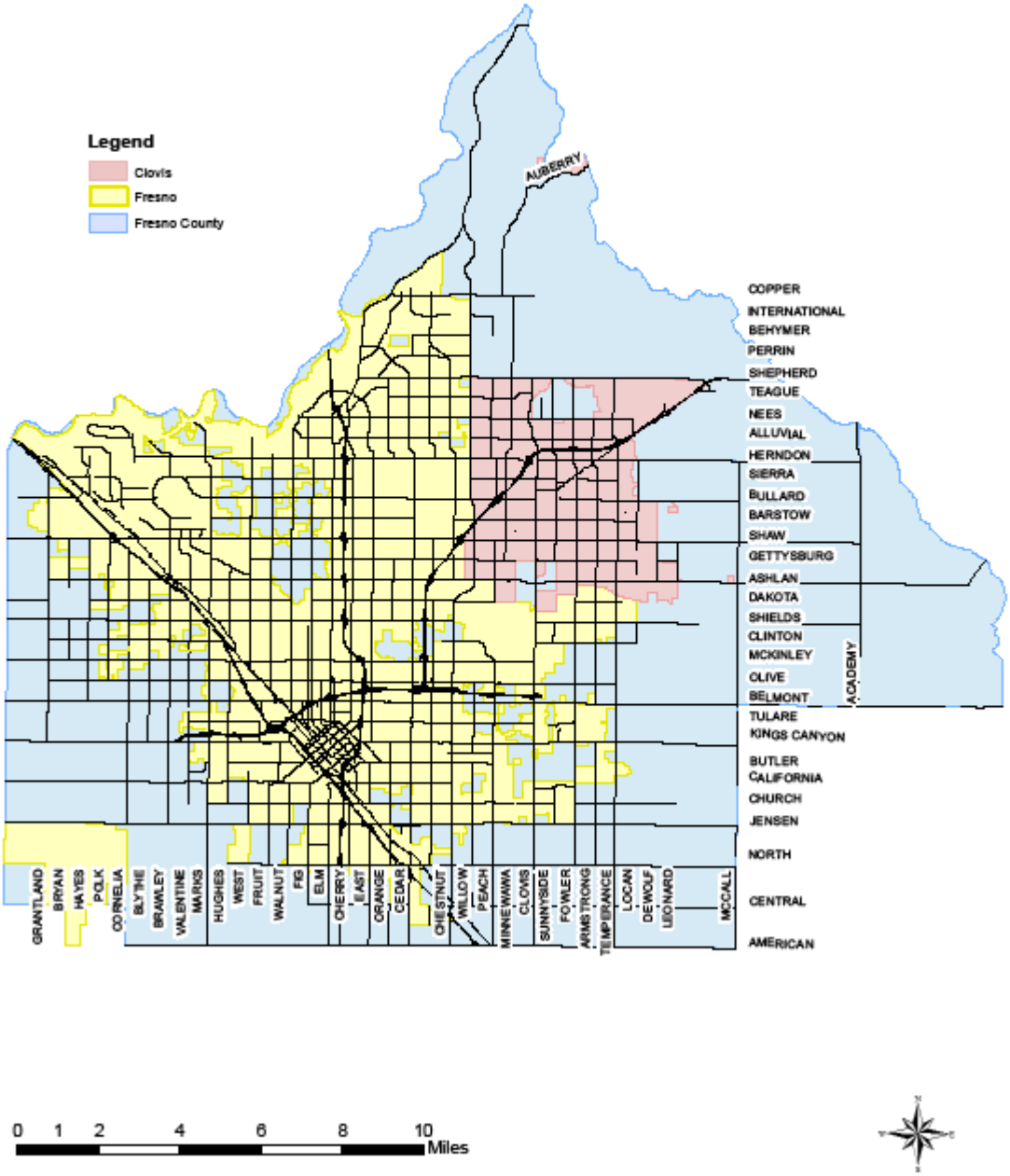
   The Sheriff's position on annexation of parcels is consistent with the citizens she represents; meaning if the citizens would like to annex into the City of Clovis, she supports it.

Response Prepared By:

Name	**Title**
Agency	**Date**

FRESNO COUNTY SHERIFF'S DEPARTMENT

Area 2



If you would like to receive this questionnaire in MS Word format, please email Ryan Potter at rpotter@planningcenter.com.

1. Please summarize the Clovis Unified School District's service boundary relative to the City of Clovis and Plan Area (City, SOI, area outside SOI) as shown in attached Figure 1, *Citywide Aerial*.

Response: See attached City of Clovis boundary map in relation to Clovis Unified boundary.

2. Please provide any information available on total District-wide capacities and current enrollments at the elementary, middle school, and high school levels.

Response:

School Level District-Wide	***Capacity***	***Current Enrollment***
Elementary Schools	21,133	21,093
Middle Schools	7,063	6,346
High Schools	14,107	12,455
Totals	**42,303**	**39,894**

3. Are the existing school facilities (classroom, athletic, recreational, or other facilities) adequate to serve the District under current conditions?

Response: Yes.

4. Please indicate the District's student generation rates for residential land uses (e.g., single-family, multifamily).

Response:

Single Family

K-6	**7-8**	**9-12**	**Total**
0.3590	0.0775	0.1211	0.5576

Multi-Family

K-6	**7-8**	**9-12**	**Total**
0.1093	0.0223	0.0344	0.1660

5. Please summarize any additional resources (facilities, personnel) needed to serve future development under the General Plan and Development Code Update.

Response:

a. For the 2035 buildout scenario (see Table 2 for statistical summary):

2,409 = Room Left
20,761 = Housing Needed
990 = Staff Needed

14 Elementary Schools Needed
2 Intermediate Schools Needed
3 High Schools Needed

b. For the post-2035 General Plan buildout scenario (see Table 2):

2,409 = Room Left
39,011 = Needed Housing
1,710 = Needed Staff

17 Elementary Schools Needed
5 Intermediate Schools Needed
6 High Schools Needed

6. Please describe any existing plans to expand school facilities in the area that serves the City, sphere of influence (SOI) or expanded Plan Area (see Figure 1). Please also describe the anticipated funding source for such improvements.

Response: The District plans to build one elementary school in the southern part of the District within the next five years. There are tentative plans for an additional elementary school and possibly an intermediate and high school within the next 10-15 years.

7. What school impact fees do you currently charge by land use (e.g., residential, commercial, office)?

Response:

Level 1 Residential (additions/remodels)	$3.20 per sq. ft.
Level 2 Residential (new construction)	$3.23 per sq. ft.
Commercial	$0.51 per sq. ft.

8. Please provide any additional comments and/or information regarding school service for this project under the proposed General Plan and Development Code Update (attach additional pages as necessary).

Response: None

Response Prepared By:

Don Ulrich	Assistant Superintendent, Facility Services
Name	**Title**
Clovis Unified School District	5/7/13
Agency	**Date**

Shepherd
Shepherd
Shepherd
Ca-168
Teague
Teague
Locan
Teague
Tollhouse
Millbrook
Maple
Chestnut
Willow
Peach
Fowler
Armstrong
Nees
Nees
Nees
Thompson
Alluvial
Alluvial
Alluvial
Leonard
Highland
De Wolf
Cedar
Herndon
Herndon
Herndon
Herndon
Clovis
Sunnyside
Tollhouse
Ca-168
Armstrong
Temperance
Locan
Bullard
Bullard
Bullard
Millbrook
Chestnut
Cedar
Fowler
Barstow
Barstow
Willow
Shaw
Shaw
Shaw
Minnewawa
Maple
Gettysburg
Gettysburg
De Wolf
Leonard
Thompson
Mccall
Peach
Ashlan
Ashlan
Ashlan
Tollhouse
Clovis
Sunnyside
Millbrook
Dakota
Dakota
Dakota
Cedar
Fowler
Armstrong
Temperance
Locan
Highland
Shields
Chestnut
Shields
J-24
Shields
Shields

CITY OF CLOVIS GENERAL PLAN AND DEVELOPMENT CODE UPDATE DRAFT EIR
School Questionnaire – Fresno Unified School District

If you would like to receive this questionnaire in MS Word format, please email Ryan Potter at rpotter@planningcenter.com.

1. Please summarize the Fresno Unified School District's service boundary relative to the City of Clovis and Plan Area (City, SOI, area outside SOI) as shown in attached Figure 1, *Citywide Aerial*.

   See attached 2012 Fresno Unified School District boundary map on page 4

2. Please provide any information available on the capacities and current enrollment of each of the schools outlined below.

School & Location	***Capacity Permanent Buildings***	***Capacity Portable Buildings***	***Total Capacity***	***Current Enrollment***
Viking Elementary School 4251 N. Winery Avenue Fresno, CA	611	295	906	715
Ahwahnee Middle School 1127 E. Escalon Ave Fresno, CA	1,046	N/A	1,046	647
Hoover High School 5500 N. First Street Fresno, CA	1,850	462	2,312 (New CR Bldg. under construction)	1,784

Source: FUSD Capacity Report, 2012 CBEDS

3. Are the existing school facilities (classroom, athletic, recreational, or other facilities) adequate to serve the District under current conditions?

   Existing school facilities are adequate to serve the District under current conditions.

4. Please indicate the District's student generation rates for residential land uses (e.g., single-family, multifamily).

Grade Level	Single Family Units	Multiple Family Units
Elementary K-6	.353	.204
Intermediate School (7-8)	.097	.036
High School (9-12)	.222	.049
Total (K-12)	.672	.289

Source: FUSD Development Fee Justification Study, May 2012 (Odell Planning & Research, Inc., 2012)

5. Please summarize any additional resources (facilities, personnel) needed to serve future development under the General Plan and Development Code Update.

   a. For the 2005 buildout scenario (see Table 2 for statistical summary):

      N/A

   b. For the post-2035 General Plan buildout scenario (see Table 2):

      N/A

6. Please describe any existing plans to expand school facilities in the area that serves the City, sphere of influence (SOI), or expanded Plan Area (see Figure 1). Please also describe the anticipated funding source for such improvements.

   N/A

7. What school impact fees does the District currently charge by land use (e.g., residential, commercial, office)?

Type of Development	Rate
Residential	$3.20 per square foot
Commercial/Industrial	$0.51 per square foot

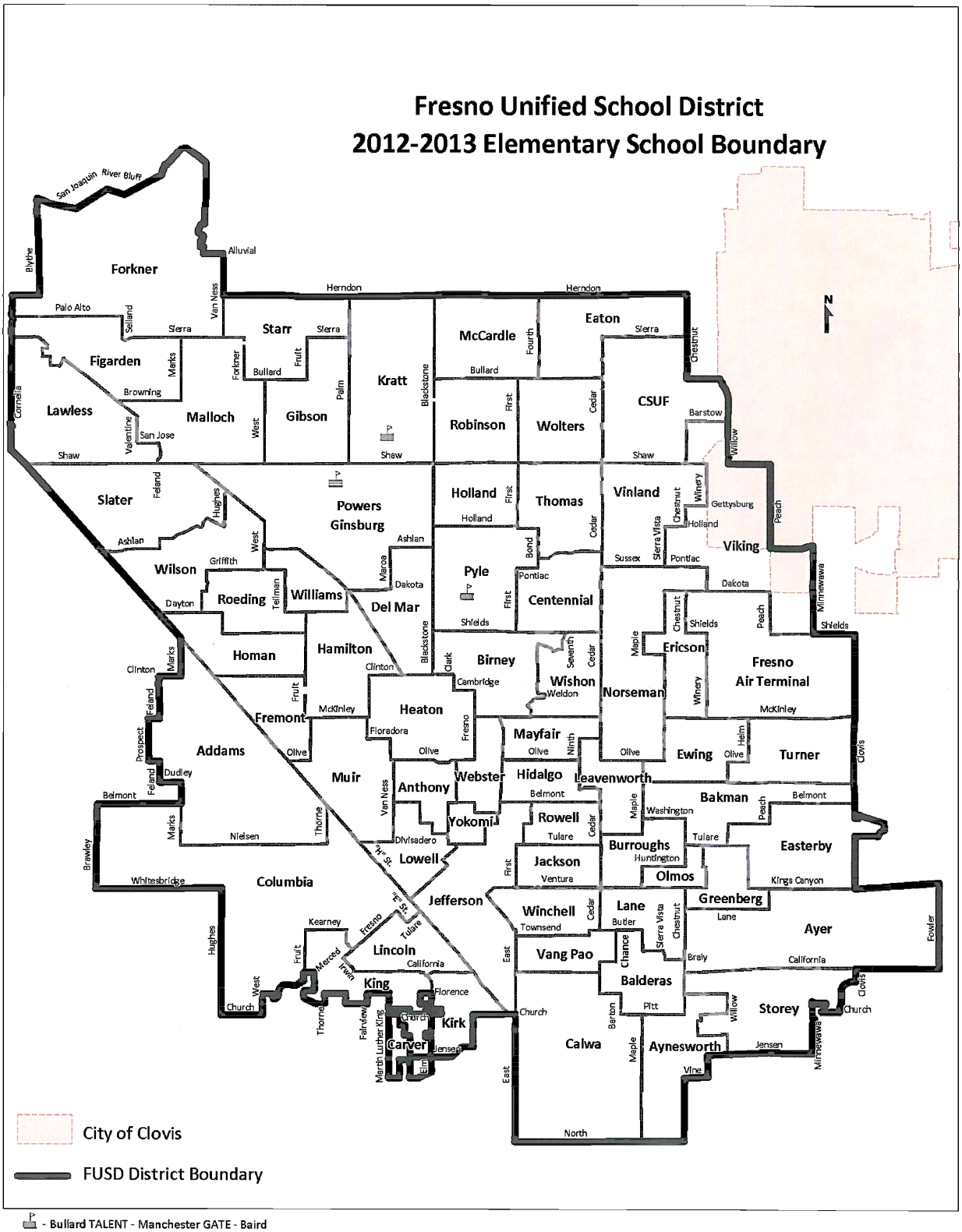
8. Please provide any additional comments and/or information regarding school service for this project under the proposed General Plan and Development Code Update (attach additional pages as necessary).

   No additional comments/information.

Response Prepared By:

Lisa LeBlanc	Executive Officer, Facilities Management & Planning
Lisa LeBlanc	**Title**
Fresno Unified School District	11/26/12
Agency	**Date**

2012-2013 Fresno Unified School District boundary map



If you would like to receive this questionnaire in MS Word format, please email Ryan Potter at rpotter@planningcenter.com.

1. Please summarize the Sanger Unified School District's service boundary relative to the City of Clovis and Plan Area (City, SOI, area outside SOI) as shown in attached Figure 1, *Citywide Aerial*.

   The Sanger USD boundary extends on the West to Highland Ave. between Shaw Ave. and the Dakota Ave. alignment and to McCall Ave. on the East.

2. Please provide any information available on the capacities and current enrollment of each of the schools outlined below.

School & Location	***Capacity Permanent Buildings***	***Capacity Portable Buildings***	***Total Capacity***	***Current Enrollment***
Fairmont Elementary School 3095 N. Greenwood Sanger, CA			639	481
Washington Academic Middle School 1705 Tenth Street Sanger, CA			1620	1566
Sanger High School 1045 Bethel Sanger, CA			2430	2663

3. Are the existing school facilities (classroom, athletic, recreational, or other facilities) adequate to serve the District under current conditions?

Yes.

4. Please indicate the District's student generation rates for residential land uses (e.g., single-family, multifamily).

The current Student Generation Rates for K-12 is 0.525 Single Family Units and 0.280 Multi-Family Units (Odell Planning & Research, Inc. 2012; Sanger USD Development Fee Justification Study).

5. Please summarize any additional resources (facilities, personnel) needed to serve future development under the General Plan and Development Code Update.

    a. For the 2005 buildout scenario (see Table 2 for statistical summary):

    b. For the post-2035 General Plan buildout scenario (see Table 2):

6. Please describe any existing plans to expand school facilities in the area that serves the City, sphere of influence (SOI), or expanded Plan Area (see Figure 1). Please also describe the anticipated funding source for such improvements.

The District currently has a designated school site in the Loma Vista plan at the SE corner of Ashlan and Thompson Aves.

7. What school impact fees does the District currently charge by land use (e.g., residential, commercial, office)?

The current residential fee is $3.20 per square foot. The current commercial/industrial fee is $0.51 per square foot (Odell Planning & Research, Inc. 2012; Sanger USD Development Fee Justification Study).

8. Please provide any additional comments and/or information regarding school service for this project under the proposed General Plan and Development Code Update (attach additional pages as necessary).

Response Prepared By:

Richard Sepulveda	Chief Operations Officer
Name	**Title**
Sanger Unified School District	**April 9, 2013**
Agency	**Date**

Library Questionnaire – Fresno County Public Library

If you would like to receive this questionnaire in MS Word Format, please email Ryan Potter at rpotter@planningcenter.com

1. Please confirm that the Fresno County Public Library provides library services to the entire project area as shown on Figure 1 (City, Sphere of Influence (SOI), area beyond SOI) and summarize existing library facilities, resources, and services (library square footages, collection volume, capacity), and special services provides (i.e. computer labs, summer reading programs, tutoring).

   The Fresno County Public Library (FCPL) serves the entire project area shown in Figure 1 through its Clovis Regional Library. The building is 8,627 square feet and houses a collection of 62,240 items, including books, periodicals, DVDs, CDs, audiobooks, Chromebooks and gaming supplies. The Library provides access to the internet and other computer programs via its 9 public computers and free Wi-Fi. In additions, the Library offers programming for all ages, including preschool and family story times, summer reading programs for children, teens and adults, book clubs and discussions, author events, after school programs for teens and school-aged children, resume assistance by appointment, music programs and performances, and much more. All of these programs are offered to the community free of charge.

2. Are existing library facilities and resources (books, computers, etc.) adequate for the system's service population? If not, what is the estimated deficit of space and/or volumes?

   The current library facility in Clovis is not adequate for the system's service population. To serve a population of 115,000, where over 480,000 items are circulated annually, the Library building should be comparable to or larger than our other regional library facilities. For example, the Woodward Park Regional Library building is 22,150 square feet. The current Clovis Regional Library is 8,627 square feet – a deficit of approximately 13,525 feet.

3. What factors or standards are used to estimate library facility and resource requirements (e.g. square feet of library facility floor area per capita, and book volumes per capita?)
   The Library utilizes a number of statistics to determine adequate facility space. We use the two factors mentioned in above in parenthesis, as well as circulation, door count, annual program attendance, computer sessions per year statistics. We also consider proximity to other libraries and levels of services. (A Regional Library provides a greater variety and number of services to the community than a branch or neighborhood library.)

4. Please summarize any additional resources and/or facilities (library space, volumes) needed to provide library services for future development under the General Plan and Development Code Update.
   a. For the 2035 buildout scenario (see Table 2 for statistical summary):

      To serve a population of 182,000, the Library would need to build a new regional in north Clovis to include the following:

1. *23,000 square footage of library building space;*
2. *Estimated property size needed for building and adequate parking – approximately 3.8 acres;*
3. *A collection of over 200,000 items;*

b. For the post-2035 General Plan buildout scenario (see Table 2):

To adequately serve the estimated population of 286,000 from Table 2, FCPL would need to build:

1. *Another regional library building similar in size and scope to the building described in (a) above;*
2. *A library building in Millerton New Town. FCPL currently owns land in that area designated for a future library building post-2035. The size of this building is still to be determined at this time.*

5. Please describe any existing plans to expand library service and/or facilities that would serve the Plan Area. Please also describe the anticipated funding sources for those improvements.

a. FCPL is currently planning to:

1. *Develop a new Regional Library in north Clovis. In addition to the currently existing services, this new regional library would provide maker spaces (community spaces to explore, create, build ideas and projects – the newest trend in library services across the country to meet today's and future community needs); be equipped with latest technologies, increasing capacity; provide mini-conference site facilities for the Library and outside agencies and groups; include a "destination" children's library; and provide needed space for a delivery hub to service the entire Fresno County Library system. Programs for the community would be increased for all ages.*
2. *Re-locate the current library to another downtown site and designate it as a branch library, rather than a regional library.*
3. *Install 1 to 2 library service kiosks in the Clovis area (city and/or SOI).*

b. Funding for these projects would be provided by Library funding resources and community fundraising and contributions.

6. Please provide any additional comments and/or information regarding library services for this project under the proposed General Plan and Development Code Update (attach additional pages as necessary).

Response Prepared By:

Kelley Worman-Landano	*Associate County Librarian*
Name	Title
Fresno County Public Library	*11-27-12*
Agency	Date

1. Please confirm or correct the following information that we obtained from the Clovis Parks and Trails Map and the Park Reservations fee schedule, both obtained from the City's website.

   a. Public park facilities in Clovis are shown in Table 1 below.

Table 1
Existing Clovis City Parks

Park	*Location*	*Acreage (Please Fill In)*	*Facilities*
Helm Ranch Park	91 W. Ashlan Avenue	2.84	1 Playground, Shelter, Picnic Tables, Parking, Drinking Fountains, Wildlife Viewing
Rotary Sport Basin	Villa Avenue at Barstow Avenue	13.95	Parking, restrooms, sports field
Letterman Memorial Park	908 Villa Avenue	9.37	One playground, skate park. Two Shelters, Picnic Tables, Parking, Drinking Fountains, Restrooms, Animal Adoption Center
Tarpey Depot Clovis Visitors Center	399 Clovis Avenue	Not a Park	Building with small garden.
John R. Wright Rest Stop and Trail Junction	Minnewawa Avenue at Villa Avenue	0.01 acres	Shelter, Benches, Parking , Drinking Fountains
Railroad Park	805 N. Peach Avenue	6.67	2 Playgrounds, Three Shelters, Picnic Tables, Drinking Fountains, Restrooms
Dry Creek Park	Clovis Avenue at Alluvial Avenue	17.9	Three playgrounds, fitness course, Two Shelter, Picnic Tables, Drinking Fountains, Restrooms, Parking
Clovis Botanical Garden	945 N Clovis Avenue north of Alluvial Avenue	3.79	3-acre water-wise demonstration garden
Cottonwood Park	Clovis Avenue at Alluvial Avenue	2.89	Wildlife Viewing, Drinking Fountain, Pet Drinking Fountain
Treasure Ingmire Park	Clovis Avenue at Sierra Avenue	1.2	Picnic Tables, Parking, Drinking Fountains, Play Equipment, Restrooms
Sierra Bicentennial Park	Sunnyside avenue at Sierra Avenue	18.87	Three playgrounds, 4 basketball half-courts, volleyball court without poles, horseshoe pits, batting cages, 2 baseball diamonds, 2 two soccer fields and Cricket Field. Two Shelters, Picnic Tables, Parking, Drinking Fountains, Play Equipment, Restrooms.
Basin 1E	Ashlan Avenue at Stanford Avenue	0.33	Parking, Play Equipment
Gettysburg Park	2995 Burl Avenue	5.0	Three playgrounds and one tricycle track. One Picnic Shelter. Picnic Tables, Parking, Drinking Fountains, Restrooms
Thorburn Park	Alamos Avenue at Coventry Avenue	4.0	Picnic Tables, Drinking Fountains, Play Equipment, Restrooms
Basin 1G	Temperance Avenue at Sussex Avenue	N/A	None
Alluvial Drain Basin	Temperance Avenue north of Nees Avenue	0.0	Wildlife Viewing along Walking Trail
Deauville Park	Temperance Avenue at Deauville Circle	3.61	Shelter, Picnic Tables, Drinking Fountains, Play Equipment
San Gabriel Park	730 W. San Gabriel	3.0	One playground, full basketball court, softball backstop, volleyball poles without net, One Picnic Shelter, Restrooms
Pasa Tiempo Park	3355 Barstow Ave.	5.78	One playground; Shelters; Restrooms; Parking
Basin DO	Locan Avenue at	N/A	None

	Griffith Avenue		
Pump Station E	Leonard Avenue at Ashland Avenue	0.43	Benches, Parking
Sources: City of Clovis 2010; City of Clovis 2013			

b. Are there any additional parks in the City of Clovis or its Sphere of Influence not listed in Table 1? Yes: See attached GIS Map

2. Please confirm that public parks in the City of Clovis are built and maintained by the City of Clovis Public Utilities Department. Yes they are.

3. Please confirm that Clovis Area Recreation, a City department, provides recreation programs including adult sports leagues, adult drop-in pickup games, youth programs, a batting range at Sierra Bicentennial Park, and a skatepark in Letterman Park. Yes they do.

4. Please confirm that the amount of the City's Park Acquisition and Development Fees, as set forth in Clovis Municipal Code Section 3.4.03, are in the amounts specified below:

(1) For residential development, each dwelling unit shall pay a fair share fee toward the total cost of park and recreation facilities, rounded to the nearest dollar. This amount shall be calculated as fifty-two percent (52%) of the estimated total land acquisition and construction cost divided by the estimated remaining developable residential units within street Service Areas 1, 2, and 3, and eighty-one percent (81%) of the estimated total land acquisition and construction cost divided by the estimated remaining developable residential units within street Service Areas 4 and 5.
(2) Each hotel, motel, assisted living facility, commercial, professional and industrial building shall pay a fair share fee toward the total cost of park and recreation facilities computed on a per square foot basis of gross building area, rounded to the nearest cent. This amount shall be calculated as twenty-eight percent (28%) of the estimated total land acquisition and construction cost divided by the estimated remaining developable nonresidential gross building area within street Service Areas 1, 2, and 3, and nineteen percent (19%) of the estimated total land acquisition and construction cost divided by the estimated remaining developable nonresidential gross building area within street Service Areas 4 and 5.
(c) All fees shall be adjusted on an annual basis to reflect actual land acquisition and construction costs.
This is a question for Clovis Planning and Development Services.

Please confirm whether the City's parkland standard is still 4.9 acres per 1,000 persons, as specified in the City's 1993 General Plan Open Space/Conservation Element. This is a question for Clovis Planning and Development Services.

5.

6. Please confirm or correct our estimate of the net increase in required parkland per the City's parkland standard due to General Plan Update buildout, below in Table 2.

Table 2

Increased Parkland Demand due to General Plan Buildout Net Population Increase

	Population	*Required Parkland* (4.9 acres/ 1,000 persons)
Proposed General Plan Update (2035 Buildout) less Existing Conditions	**69,100**	**339**
City	24,400	120
SOI	30,100	147
Non-SOI	14,600	72
Proposed General Plan Update (Full Buildout Post-2035) less Existing Conditions	**179,300**	**879**
City	26,800	131
SOI	55,800	273
Non-SOI	96,700	474

This is a question for Clovis Planning and Development Services.

7. Please add any other comments you may wish to make regarding this project.

Response Prepared By:

Eric Aller, Parks Manager

Name **Title**

Agency **Date**

If you would like to receive this questionnaire in MS Word format, please email Ryan Potter at rpotter@planningcenter.com.

1. Please confirm that the Public Utilities Department (PUD) provides water service within the City boundary. Are there any developed areas served by groundwater wells?

   Yes PUD supplies water through groundwater wells as well as surface water within the City boundary. There also are some private groundwater wells within the City.

2. Does PUD also supply water service to any areas within the sphere of influence (SOI) and remaining Plan Area (see Figure 1, *Citywide Aerial*)? It is assumed that once the City has annexed the SOI and planned development areas, it will be responsible for providing potable and nonpotable water to those areas (please confirm).

   If one is available, please provide a graphic that shows the full extent of PUD's water service area.

   PUD supplies the Tarpey Village area potable water. As property is annexed to the City it is eligible to receive City supplied potable water upon development. Non potable water service will be provided in accordance with the City's master plan upon development. Existing land uses are not required to hook up to the City's system until they are developed further.
   See attached map.

3. If there are other providers of water service in the City, SOI, and/or remaining Plan Area (*see Figure 1, Citywide Aerial*), please identify those providers.

Other providers of water service within the City include private property owners and Clovis Unified School District. Within the Plan Area boundary there are four Fresno County Service Districts that provide or plan to provide water service.

4. A *Recycled Water Management and Use City Council Report* (2008) created by City staff stated that although a majority of the City's water supply has historically been obtained from groundwater sources, the ongoing operation of the City's Surface Water Treatment Plant built in 2004 would dramatically increase the percentage of City water obtained via treatment of surface water.

   Please confirm this, and please identify the percentage and/or amount (in acre-feet per year) of water supply that is currently sourced from groundwater, treated surface water, and other sources.

   In 2012 the following supplies were utilized for potable uses.

   Groundwater – 18,358 acre-feet
   Surface water – 7,753 acre-feet

5. Please confirm that City water service is funded through user fees, while capital improvement projects are funded by development fees. Are there additional funding sources for City water service and facilities?

Water service is funded through user fees. Capital improvements that are for new development are funded by development fees. Capital improvements that repair or replace existing infrastructure not required due to development needs are funded by user fees.

6. Please summarize any additional facilities or infrastructure needed to provide water service to future development under the General Plan and Development Code Update.

    a. For the 2035 buildout scenario (see Table 2 for statistical summary):

Due to the proposed changes in densities and land uses the City's Water Master Plan will need to be updated. However it is expected that additional transmission and distribution mains will be required to serve new development. Increases in densities may require upgrades in existing distribution mains. Additional surface water treatment plant capacity will be required for new development. An additional pump station and storage reservoir may be required depending on the location of new development. The planned interconnection between Clovis and Fresno is needed during this planning horizon.

    b. For the post-2035 buildout scenario (see Table 2):

Additional transmission and distribution mains will be required to serve new development. Increases in densities may require upgrades to existing distribution mains. Additional surface water treatment plant capacity will be required for new development and may include an additional facility. An additional pump station and storage reservoir will be required.. Additional surface water supplies may need to be developed or purchased to supply the expanded General Plan buildout uses and densities.

7. Please describe any plans to expand water supply services and/or facilities that would serve the Plan Area (see Figure 1, *Citywide Aerial*). Please confirm that these would be funded through development fees generated by new development in the City.

The City's water treatment and distribution system will be expanded to serve new growth in accordance with the City's Water Master Plan, which will need updating to reflect changes in the Plan. Facilities that are required to be expanded, constructed or upgraded due to new development will be funded by development fees.

8. Please provide any additional comments and/or information regarding water supply for development under the proposed General Plan and Development Code Update (attach additional pages as necessary).

Raw surface water supplies may need to be increased to due to increases in density and land uses.

Response Prepared By:

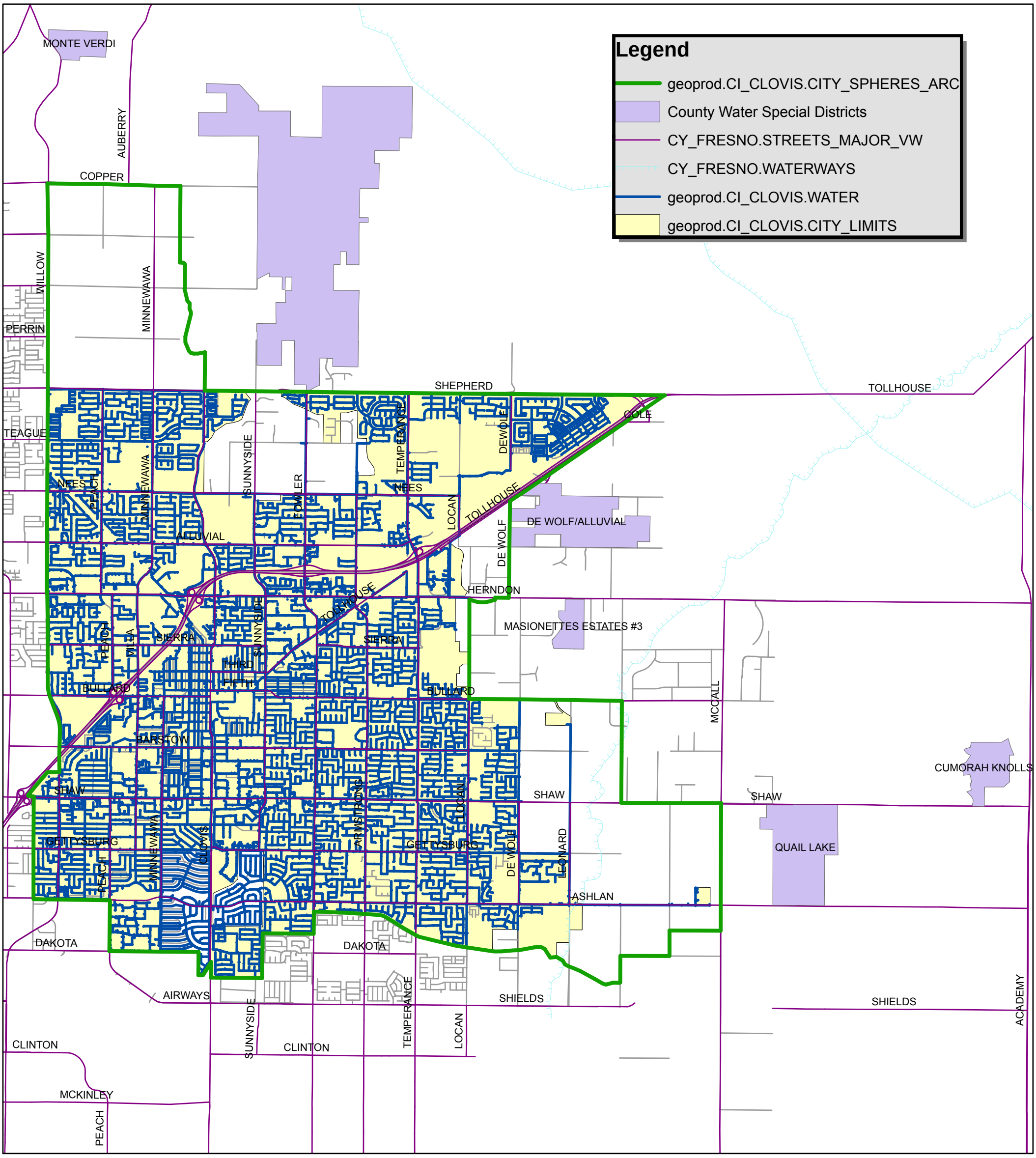
Lisa Kochn — Assistant Public Utilities Director

Name **Title**

Clovis — 4/4/13

Agency **Date**

City of Clovis Water System



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W E

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1 inch = 4,885 feet

Path: C:\Users\lisak\Documents\Lisa's Files\ArcMaps\Utilities 11 X 17.mxd

Date: 4/4/2013

If you would like to receive this questionnaire in MS Word format, please email Ryan Potter at rpotter@planningcenter.com.

1. Please confirm that the Public Utilities Department (PUD) provides wastewater collection service to all areas within the City boundary.

   Are there are any areas within the City boundary (other than unimproved open space) that are not served by public sewer and use septic tanks?

Yes, the City provides wastewater collection service within the City boundaries however there are some recently annexed areas south of Harlan Ranch that continue to utilize septic systems

2. Does PUD also serve parts of the sphere of influence (SOI) and remaining Plan Area (see Figure 1, *Citywide Aerial)* with wastewater collection service? It is assumed that once the City has annexed the SOI and planned development areas, it will be responsible for providing wastewater collection in those areas (please confirm).

   If one is available, please provide a graphic that shows the full extent of PUD's wastewater collection service area.

   Currently the City does not provide any wastewater collection service outside of its boundaries except for a small exchange area with the City of Fresno that is located at Clovis' southern boundary between Sunnyside and Clovis Avenues. Upon annexation within the sphere of influence and Plan area, the City will provide wastewater collection service as development occurs.

   See attached for map of current sewer service area.

3. Please confirm that wastewater treatment and disposal for the Plan Area is conducted by both PUD and the Fresno-Clovis Regional Wastewater Treatment Facility in Fresno.

   Yes.

4. Does PUD have wastewater generation rates (e.g. gallons per unit/resident/square foot) for specific land uses that can be used to estimate future wastewater generation? If so, please provide these rates for residential, commercial, office, industrial, recreation/open space, and institutional land uses.

Per the City's Wastewater Master Plan the following generation rates are estimated for design purposes:

Single Family Residential	85 gallons per person per day
Multi-Family Residential	95 gallons per person per day
Commercial	200 gallons per 1,000 square foot
Industrial	100 gallons per 1,000 square foot

Recreation/Open Space	0
Hospitals	300 gallons per bed
Elementary Schools	6 gallons per student
Middle Schools	14 gallons per student
High Schools	16 gallons per student

5. The City's Community Investment Program for 2012-2013 includes the following sewer improvements:
    - Design and reconstruction of sanitary sewer mains in various alleys and streets.
    - Continued work on the Recycled Water Master Plan.
    - Limited design for the Recycled Water System transmission pipelines and pump stations.

    Please describe any additional plans to expand existing wastewater services and/or facilities that would serve the Plan Area. Please also describe the anticipated funding source for such improvements.

Additional wastewater collection pipelines and recycled water distribution pipelines to serve new development as identified in the Wastewater and Recycled Water Master Plans will be paid for with development fees. Future treatment plant expansions will be funded by development fees.

6. Please explain any wastewater service/facility deficiencies that currently exist within PUD's service area, if any.

None identified.

7. Please summarize any additional facilities or infrastructure needed to serve future development under the General Plan and Development Code Update.

    a. For the 2035 buildout scenario (see Table 2 for statistical summary):

Additional wastewater collection pipelines and recycled water distribution pipelines will be required. Two booster pump stations are needed for the recycled water distribution system.

The existing wastewater master plan will need to be updated to account for increases in densities and changes in land use proposed with this General Plan and Development Code Update. Under the existing master plan construction of new force mains and pump stations are required to maximize the utilization of some of the existing service areas. Extension of the collection system to serve new growth areas will be required. Expansion of the Clovis Water Reuse Facility may be required during this growth scenario.

    b. For the post-2035 General Plan buildout scenario (see Table 2)

Expansion of the Clovis Water Reuse Facility will be required for the post 2035 General Plan buildout scenario. Depending on the outcome of the Wastewater Master Plan Update a new wastewater treatment facility could be constructed to serve the Northeast growth area.

Potentially additional treatment capacity and trunk capacity may be required to convey flow to the Regional Facility.

8. Please provide any additional comments and/or information regarding wastewater service for this project under the proposed General Plan and Development Code Update (attach additional pages as necessary).

Response Prepared By:

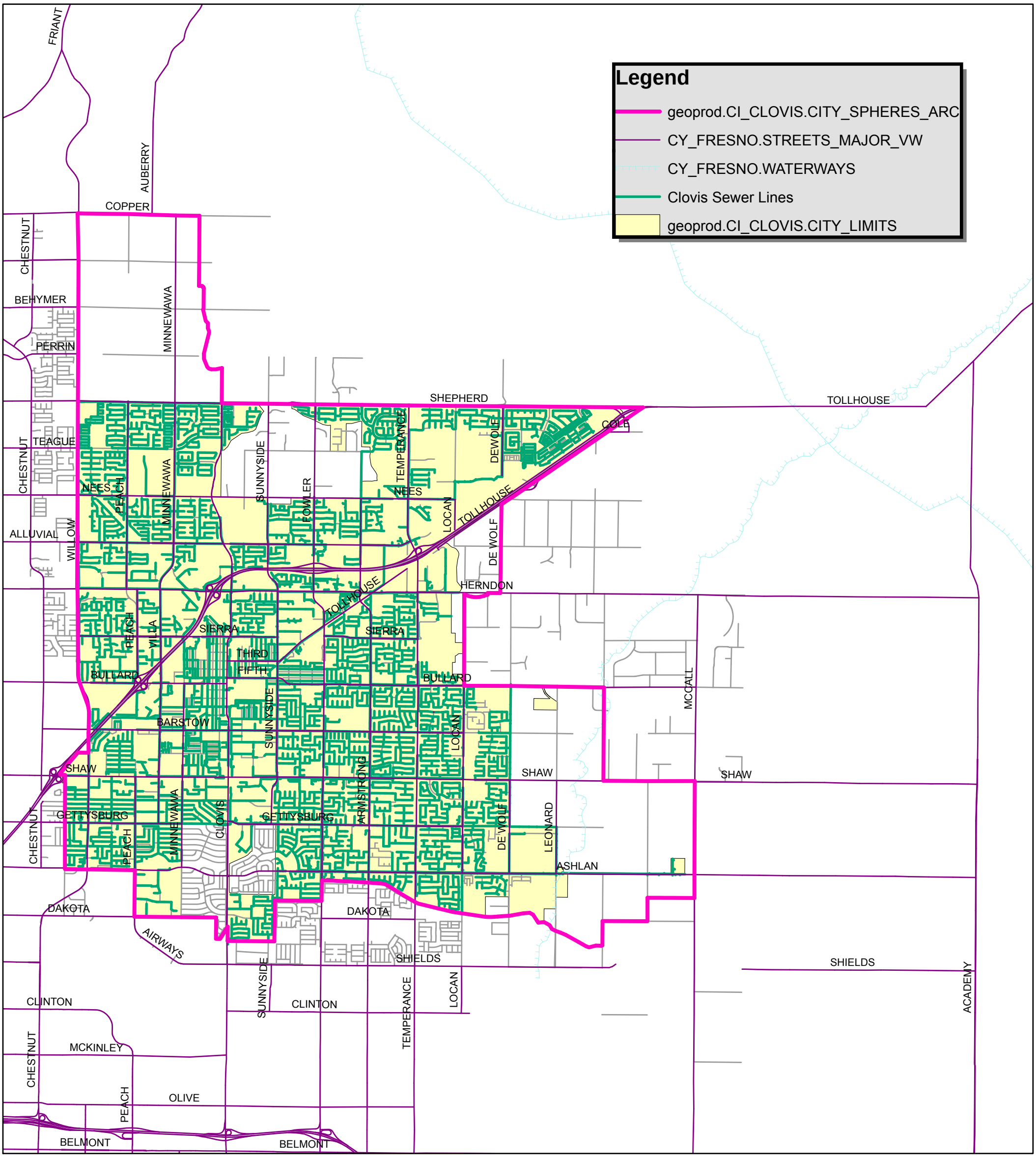
Lisa Kochn — Assistant Public Utilities Director

Name — **Title**

Clovis — 7/4/13

Agency — **Date**

City of Clovis Sewer System



1 inch = 5,332 feet

Path: C:\Users\lisak\Documents\Lisa's Files\ArcMaps\Utilities 11 X 17.mxd

Date: 4/4/2013

CITY OF CLOVIS GENERAL PLAN AND DEVELOPMENT CODE UPDATE DRAFT EIR
Solid Waste Questionnaire – City of Clovis Public Utilities Department

---

If you would like to receive this questionnaire in MS Word format, please email Ryan Potter at rpotter@planningcenter.com.

1. Please confirm that the Public Utilities Department (PUD) provides solid waste pickup to all areas within the City boundary.

   — Yes, however some areas within the City Boundary have not signed up for city services upon the completion of their annexation. As these properties are identified, the City is working to inform the property owner & their hauler(s) of the need to comply with the Clovis Municipal Code.

2. Does PUD also serve the sphere of influence (SOI) and remaining Plan Area (see Figure 1, *Citywide Aerial*) with solid waste pickup? It is assumed that once the City has annexed the SOI and planned development areas, it will be responsible for providing solid waste pickup in those areas (please confirm).

   NO.

   If one is available, please provide a graphic that shows the full extent of the PUD's solid waste service area.

   — See attached CCU & Street sweeping maps.

3. Please confirm that recycling and greenwaste collection in the City is provided by a contract service with Allied Waste. What is the extent of the area within the City, SOI, and remaining Plan Area (see Figure 1, *Citywide Aerial*) that is served by Allied Waste?

   If there are additional private haulers of solid waste operating in the Plan Area, please list those providers and describe their service area boundaries.

   - Allied Waste provides residential curbside recycling services of recycle material & greenwaste; & is also the City's "Authorised Agent" for the collection of recycle material, thru July 31, 2015.
   - The City contracts out its large container hauling (roll-offs compactors, etc.) of landfilled waste, to IWS/CARTS (Industrial Waste & Salvage / Cedar Avenue Recycling & Transfer Station). This contract goes through November 15, 2015.
   - staff presently working on a C&D ordinance that would permit multiple haulers & construction / demolition debris

4. Please confirm or correct the following information we obtained from the California Department of Resources Recovery and Recycling (CalRecycle) website:

   a. In 2011, approximately 99 percent of solid waste disposed from the City of Clovis was disposed at three landfills: the City of Clovis Landfill; the American Avenue Disposal Site in the community of Tranquility in Fresno County; and Avenal Regional Landfill in the City of Avenal in Kings County.

   – Yes.
   – Average tons will be impacted by AB341 (Mandatory Commercial Recycling) which will result in an increased site life.

   b. Please confirm or correct the information in the following table.

Facility	Maximum Permitted Throughput, Tons per Day	Average Disposal, tons per day[1]	Remaining Capacity, cubic yards (tons)	Estimated Closing Date
City of Clovis Landfill	2,000	~~185~~ 178	7,740,000 4,125,420	~~2047~~ 2053
American Avenue Disposal Site	2,200	1,608	29,358,535 (15,648,099)	2031
Avenal Regional Landfill	6,000	1,270	26,000,000 (13,860,000)	2020

[1] Based on 5 days/week operation for all 3 facilities as a conservative estimate. American Avenue Disposal Site is open 7 days/week; Avenal Regional Landfill is open six days/week (Mon.-Sat.); City of Clovis Landfill is open five days/week.

Source: CalRecycle 2012

5. Please confirm or correct the following data on solid waste diversion rates for the City of Clovis we obtained from CalRecycle's website:

   From 2007 onward, diversion rates are reported as actual disposal rates compared to target disposal rates. Actual disposal rates at or below target rates are one of several measures of compliance with the diversion requirement in AB 939.

Year	Diversion Rate, Percent
2001	56
2002	54
2003	47
2004	54
2005	53
2006	59

– Yes.

Year	Population Disposal		Employment Disposal	
	Target	Actual	Target	Actual
2007	4.7	3.9	15.5	12.1
2008	4.7	3.1	15.5	9.8
2009	4.7	3.8	15.5	12.9
2010	4.7	4.1	15.5	15.8

– Not sure what this represents?

6. Please summarize any additional solid waste facilities and/or infrastructure needed to serve future development under the General Plan and Development Code Update.

   a. For the 2035 buildout scenario (see Table 2 for statistical summary):

– Higher densities present challenges with our required placement of residential toters. Each resident needs a minimum of 13' of curb space to properly fit three refuse carts (grey, blue & green) in front of their house. The side lots also need to be spaced appropriately so the the refuse carts can clear the PGE box (16") that sticks out (Need 42"). This will require additional solid waste Facility to house sweeper

   b. For the post-2035 General Plan buildout scenario (see Table 2):

debris material as sweeper are required to retrieve leaves & sediment farther away from corp Yard. Additional trucks to service additional residents / businesses.

7. Please describe any existing or future plans to expand solid waste service and/or facilities that would serve the Plan Area. Please also describe the anticipated funding source for such improvements.

– Plans to buy a lot & develop it for the purposes of a street sweeper facility are ongoing but only at initial planning stages.

8. Please provide any additional comments and/or information regarding solid waste service for this project under the proposed General Plan and Development Code Update (attach additional pages as necessary).

– Growth will require more service.

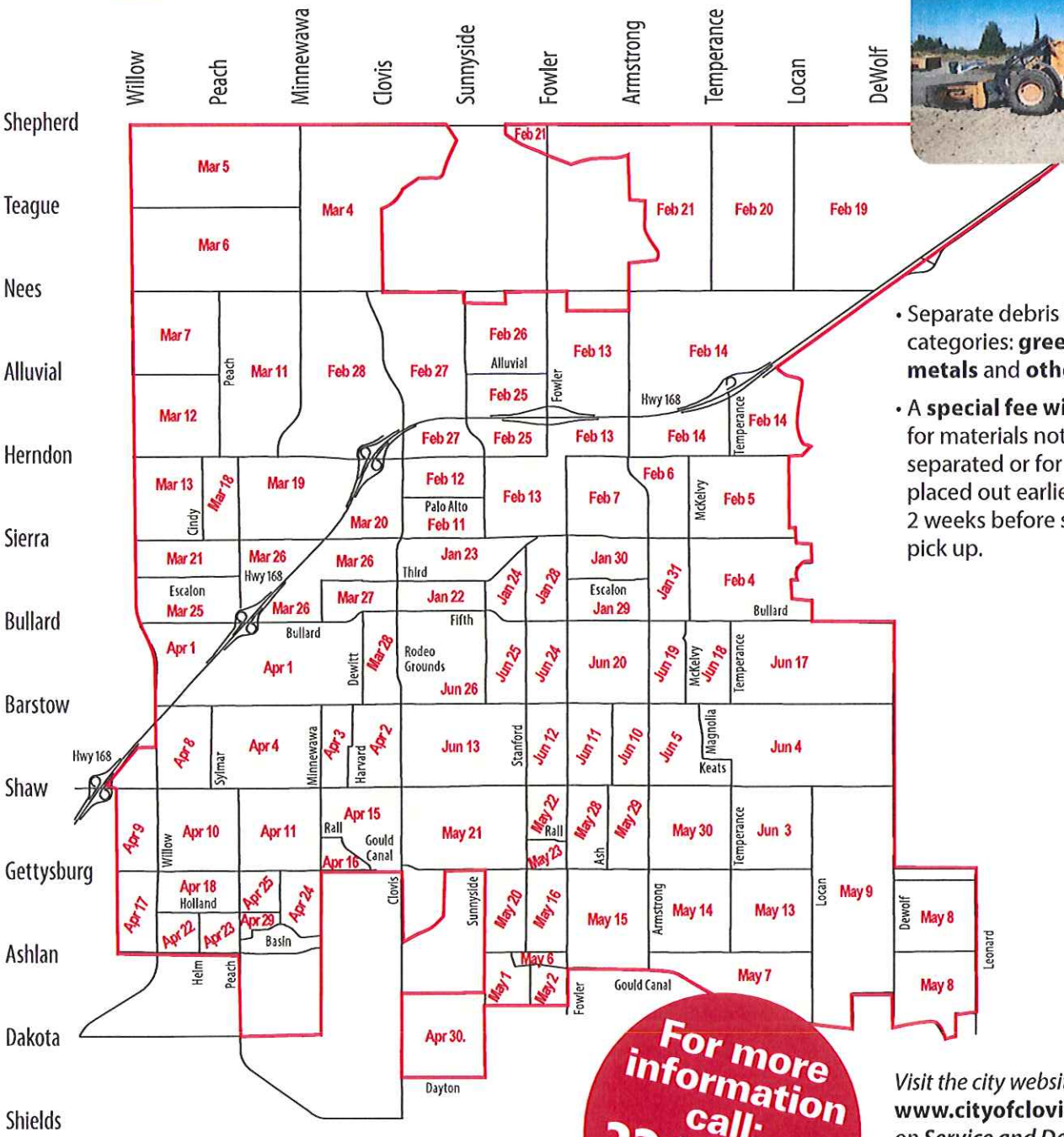
Response Prepared By:

Eric Zetz	2/14/13
Name	**Title**
City of Clovis	Solid waste Manager
Agency	**Date**

Single Family Residential Refuse Customers Only

Spring 2013 Clovis Residential Community Clean-Up Program

Some debris may be picked up a day earlier than your scheduled day but the trucks will return on the scheduled day to pick up the rest of the debris.

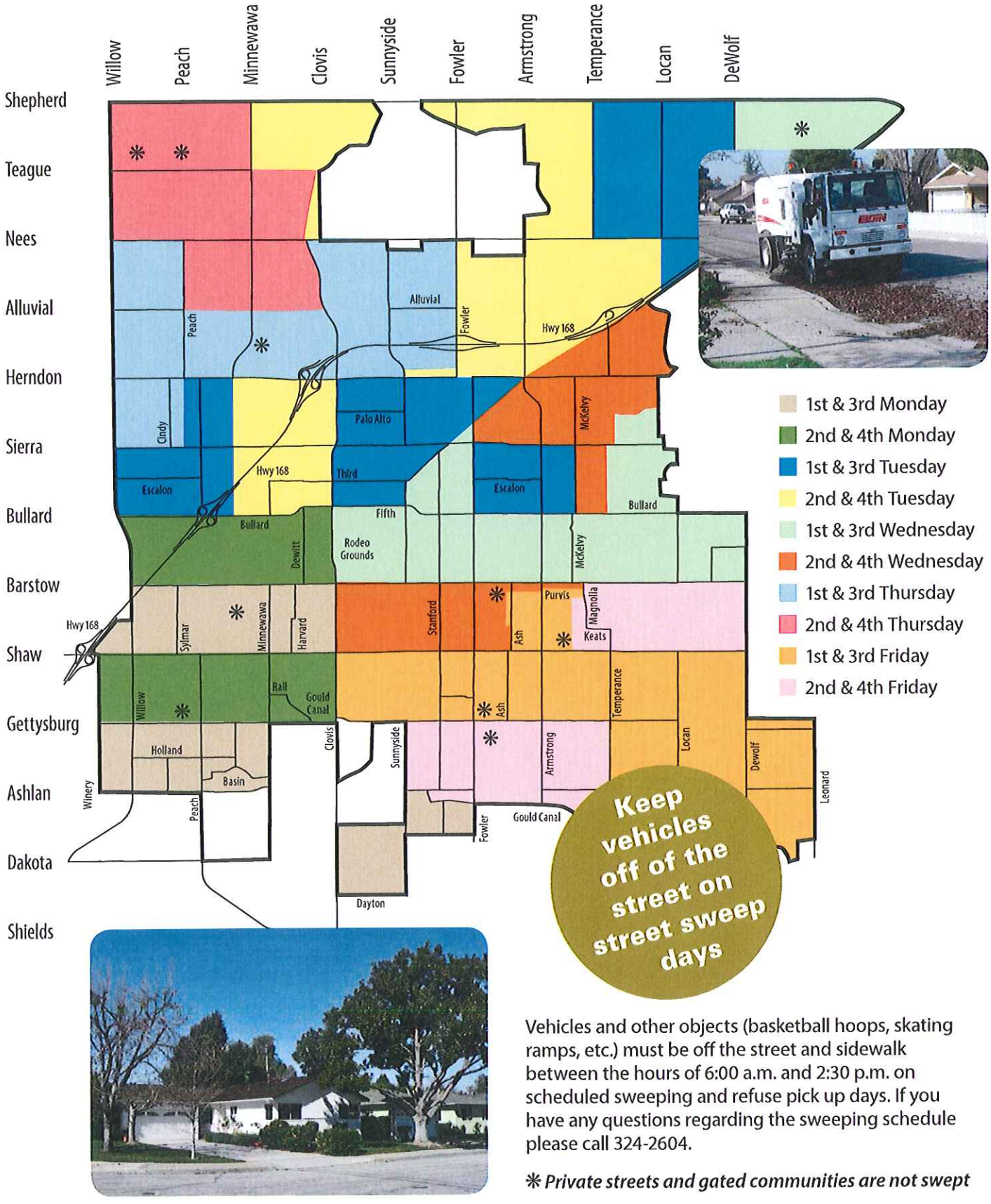


- Separate debris by categories: **greenwaste, metals** and **other debris.**
- A **special fee will apply** for materials not properly separated or for items placed out earlier than 2 weeks before scheduled pick up.

For more information call: 324-2604

Visit the city website at **www.cityofclovis.com**, *click on* ***Service and Departments*** *then click on* ***Public Utilities***

City of Clovis
Residential Street Sweeping Schedule



Vehicles and other objects (basketball hoops, skating ramps, etc.) must be off the street and sidewalk between the hours of 6:00 a.m. and 2:30 p.m. on scheduled sweeping and refuse pick up days. If you have any questions regarding the sweeping schedule please call 324-2604.

✻ ***Private streets and gated communities are not swept***

Appendix K

Automatic Aid Fire Protection Services Agreement

Appendices

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AGENDA ITEM NO: _____

City Manager: _____

- CITY OF CLOVIS -
REPORT TO THE CITY COUNCIL

TO: Mayor and City Council

FROM: Fire Department

DATE: November 18, 2013

SUBJECT: Consider Approval – Authorize the City Manager and Fire Chief to sign an Automatic Aid Agreement between the City of Clovis Fire Department and the Fresno County Fire Protection District for provision of defined emergency services

ATTACHMENTS: Agreement for Automatic Aid Fire Protection Services
Fire Response Area Map

CONFLICT OF INTEREST

None

RECOMMENDATION

Authorize the City Manager and Fire Chief to sign an Automatic Aid Agreement between the City of Clovis Fire Department and the Fresno County Fire Protection District for provision of defined emergency services.

EXECUTIVE SUMMARY

Over the past three years, the City of Clovis (City) has directed Fire Department staff to rescind automatic aid assistance to the Fresno County Fire Protection District (District) due to the negative financial impacts created by ongoing litigation brought against the City by the District over tax transition calculations. Mutual Aid cooperation between the two agencies was never adversely impacted but response times to certain areas currently protected by the District can be dramatically improved with an automatic aid agreement in place. Recently, the legal matters with the District were solved in favor of the City and a successor tax transition agreement is now in place. As relations are now improving Fire Department staff believes it is in the best interest of the City and the District to restore an automatic aid agreement. Fire Department staff has negotiated

new terms of this agreement with the District. This process has resulted in the attached agreement (Exhibit 1). This agreement defines dispatch parameters for the closest available resource to the scene of a fire or medical emergency within the defined automatic aid response area (Exhibit 2). Each agency agrees to respond one fire company (apparatus) to fires and priority 1 medical emergencies with no fee charged. Based on historical call volume, it is likely that the City will provide more service, measured in number of responses, than received from the District. To alleviate the disparate service, the District will also agree to provide one fire company to the City on an as needed/as available basis for fire station coverage during non-emergency activities. The purpose is to keep a greater level of coverage for the area generally around Fire Station 2, which has the higher service demands for both agencies. The advantage to the City is essentially the incremental use of a sixth fire company in the City at no charge. The true impact of this agreement will be measured monthly by Fire Department staff. Current response performance has been well documented for the past five years, and any significant changes, negative or positive, will be evaluated against this historical data. Some minor adjustments to the types of calls, boundaries of areas served can be modified between the agency fire chiefs as necessary to negate any negative impact to the City. The agreement can be canceled by either party with 60 days' notice, if mitigation efforts are not successful.

The current response performance within the City is as follows:

First Unit to EMS Calls: 86%
First Unit to Fire Calls: 86%
Effective Response Force to Fire Calls: 78%

The current response performance within Fire Station 2 area is as follows:

First Unit to EMS Calls: 85%
First Unit to Fire Calls: 92%
Effective Response Force to Fire Calls: 85%

BACKGROUND

The Clovis Fire Department and the Fresno County Fire Protection District (District) entered into its first Automatic Aid Agreement on August 31, 1966. At that time the Fresno County Fire Protection District was known as the Mid Valley Fire Protection District. This agreement remained in place for approximately 37 years. From 2003 to 2009, the City and the District entered into a number of successor agreements that included some "fee for service" stipulations. The District has one station (Station 85) in the area of Nees Avenue and North Sunnyside Avenue. This area is almost completely surrounded by the City of Clovis and the station's response area continues to shrink with each new annexation. The District, its Board, Fire Chief and staff have all acknowledged that Fire Station 85 should be moved to a more efficient location, but service to the Tarpey Village area continues to create demand for emergency services

from this station. Until a solution is developed long-term for the provision of fire services to Tarpey Village, it will be difficult for the District to move the station. Since the City of Clovis has a number of stations that could service it faster, the District is interested in seeking assistance from the City of Clovis (and City of Fresno, Fire Station 10) to provide service to the area. There are a number of possible solutions being explored, including a contract for service agreement but discussions are still in the very early stages.

In 2008, the District entered into litigation against the City of Clovis and City of Fresno over calculations used in the Tax Transition Agreements to determine the amount of funding paid to the District after annexation of land into the respective cities. The City of Clovis eventually prevailed but the negative financial and relational impacts to the City caused the cancelation of the then existing automatic aid agreement. All other service sharing between the two agencies remained intact in accordance with the California Master Mutual Aid Agreement; however, this was a much lower level of service than that provided under an Automatic Aid Agreement. In 2012, the City of Clovis successfully negotiated a successor Tax Transition Agreement with the District, while also ending the related litigation.

With litigation complete and a new tax-sharing agreement in place, Fire Department staff feels it is in the best interest of the City and District to re-enter into a resource-sharing agreement within certain parameters outlined in a new automatic aid agreement.

In June 2013, negotiations began to explore the possibility of a new agreement. The proposed agreement is the core document that outlines the services that are to be shared. The agreement allows the respective fire chiefs to make minor deployment adjustments to keep the workload as equitable as possible under the reciprocity provisions.

The agreement can be cancelled with 60 days' notice if ever the agreement becomes no longer in the best interest of either party.

Note: The Fresno County Fire Protection District Board of Directors approved this agreement on **August 21, 2013**.

FISCAL IMPACT

1. Minimal cost mainly in terms of operation and maintenance costs of the apparatus.

REASON FOR RECOMMENDATION

This Automatic Aid Agreement provides a valuable public safety service by providing rapid dispatch of the closest fire resource to life-threatening emergencies or fires where Fresno County Fire Protection District resources are not the closest and will have a

longer response time. This agreement provides the necessary coverage to the City to possibly improve the provision of emergency services to the citizens of Clovis.

ACTIONS FOLLOWING APPROVAL

- City Manager and Fire Chief to execute the agreement.
- Enact new Automatic Aid Agreement on a date mutually agreed upon by both agencies

Prepared and submitted by: Micheal Despain, Fire Chief _____

FRESNO COUNTY FIRE PROTECTION DISTRICT
AND CITY OF CLOVIS
AGREEMENT FOR AUTOMATIC AID
FIRE SUPPRESSION AND EMERGENCY SERVICES

THIS AGREEMENT is made and entered into on the ____ day of _____, 2013, by and between the City of Clovis, a municipal corporation, hereinafter called "City" and the FRESNO COUNTY FIRE PROTECTION DISTRICT, a political subdivision of the State of California, hereinafter called "District".

RECITALS

WHEREAS, the parties have the common power to provide fire protection services and desire to jointly exercise said power pursuant to the authority granted under Section 6502 and Section 55632 of the California Government Code and Section 25400 et eq., of the California Health and Safety Code; and

WHEREAS, the parties desire to maximize the delivery of fire suppression and emergency services by responding the closest units necessary to protect life and property.

WHEREAS, an agreement to provide automatic aid is beneficial to both the District and the City.

WHEREAS, each of the parties participate in the California Disaster and Civil Defense Master Mutual Aid Agreement with the State of California pursuant to the California Emergency Services Act for purposes of requesting mutual aid in connection with any incident which cannot be handled adequately by the party's respective fire department; and

AGREEMENT

NOW, THEREFORE, the parties agree as follows:

SECTION 1. DEFINITIONS.

Unless the particular provision or context otherwise requires, the definitions contained in this section shall govern the construction, meaning, and application of words used in this Agreement.

a) "Automatic Aid" shall mean the immediate dispatch of a fire unit within the jurisdiction of the requesting party under pre-determined terms and conditions, using NFPA 1221 as a guideline.

b) "Automatic Aid Service Area" shall mean the area within the Clovis City limits and extending beyond the City limits into the unincorporated areas serviced by the District. A map is attached to this agreement and shall be regularly updated by the parties to this agreement.

c) "Nearest Available Fire Unit" shall mean the available fire apparatus of the appropriate type closest in dispatch and response time to the scene of the incident.

d) "Responding Party" shall mean any party to this agreement that receives a request for Fire Protection Services within the jurisdiction of the requesting party.

e) "Requesting Party" shall mean any party to this agreement that requests fire protection or emergency services as defined by this agreement within its jurisdiction from the other party to this agreement.

f) "Emergency Medical Service" shall mean life threatening (Priority 1) basic life support service, not including paramedic service.

g) "Emergency Response" shall mean immediate response and use of red lights and siren by responding units.

h) "Fire Protection Services" shall mean firefighting capacity to contain, control, and extinguish fires; the mitigation of fire-related hazards; and emergency medical services.

i) "Incident Commander" shall mean the person in overall command at the incident as defined in the National Incident Management System, California Vehicle Code Sections 2453 and 2454, or by such other agreement as provided by law.

j) "Standard Response Plan" shall mean the pre-designated number and type of apparatus that routinely respond to a specific type of emergency incident. See attached Response Matrix

k) "Mutual Aid" shall mean request of resources based on the needs determined by the managers of the incident and subject to authorization by the responding party for each request.

SECTION 2. FURNISHING OF FIRE SUPPRESSION AND EMERGENCY SERVICES.

Purpose: The purpose of this agreement is to enhance the ability of the parties to provide fire suppression and emergency services by sharing resources when and where appropriate for emergency incident mitigation. To effectuate this purpose, both parties agree that each agency will respond Fire Units within the attached defined Automatic Aid Service Area. Neither agency is required to respond with particular identified units. However, the Nearest Available Fire Unit response concept shall be utilized when appropriate as it ~~is~~ represents the foundation and rationale for this Agreement.

a) Service Details Determined by Fire Chiefs. The specific details of providing the services under the terms as specified in this Agreement shall be determined by the respective Fire Chiefs of the parties. It is understood that all plans which deal with fire protection services shall

adhere as closely as practical to the "nearest available unit" concept which forms the basis for this Agreement.

b) District Obligations to the City. The District agrees to provide the following to the City:

(1) Upon request of the City, to respond one Fire Unit as Automatic Aid within the Automatic Aid Service Area to any emergency incident(s), excluding lower priority medical calls, within the City to complete alarm assignments as defined by the Requesting Party's Response Matrix or to provide one Fire Unit at one of the City fire stations for coverage when needed. The responding fire unit will include at least three (3) career staff. This service is provided at no cost.

(2) Upon request of the City, to respond one Fire Unit as Automatic Aid within the Automatic Aid Service Area to Priority 1 Emergency Medical Service calls only. The responding Fire Unit will include three (3) career staff. This service is provided at no cost.

(3) Any requests for assistance outside of the areas established or not identified herein would be considered a Mutual Aid request and would be subject to authorization by the responding party for each request based on availability rather than the nearest available concept. These services will be provided at no cost.

(4) Upon request of the City, the District will provide one Fire Unit to cover the areas generally south of Bullard Ave, within the City limits, in support of non-emergency training functions by the City. This is a general agreement of intent, and does not obligate the District. The concept being that call demand is highest in the areas of City Fire Station 2 and the District's response area known as Tarpey Village.

c) City Obligations to the District. The City agrees to provide the following to the District:

(1) Upon request of the District, to respond one Fire Unit as Automatic Aid within the Automatic Aid Service Area to any emergency incident(s), excluding lower priority medical calls, to complete alarm assignments as defined by the Requesting Party's Response Matrix. The responding Fire Unit will include at least three (3) career staff. This service is provided at no cost.

(2) In the area known as Tarpey Village, the City will provide two Fire Units and one Chief Officer to all fire related incidents.

(3) Upon request of the District, to respond one Fire Unit as Automatic Aid within the Automatic Aid Service Area to Priority 1 Emergency Medical Service calls only. The responding Fire Unit will include three (3) career staff. This service is provided at no cost.

(4) Any requests for assistance outside of the areas established or not identified herein would be considered a Mutual Aid request and would be subject to authorization by the responding party for each

request based on availability rather than the nearest available concept. These services will be provided at no cost

SECTION 3. OTHER RESPONSIBILITIES AND OBLIGATIONS OF THE DISTRICT AND THE CITY.

The City and the District agree to the following additional Responsibilities and Obligations:

a) Radio Frequencies. Fire Units responding to Automatic Aid requests will utilize the radio frequencies assigned by the requesting party.

b) First Units. The first unit to arrive at the scene of the incident shall initiate appropriate action. The officer-in-charge of the first unit to arrive shall cause to be reported to the requesting party all pertinent information about the conditions encountered at the scene of the incident.

c) Officer in Charge. The officer-in-charge of the first arriving unit shall be in charge of the incident until he/she is relieved by an officer of the requesting party. All apparatus at the scene of an emergency will be under the command of the incident commander. The first arriving chief officer, regardless of jurisdiction, may assume command until relieved by a chief officer of the agency having jurisdictional responsibility. Every effort will be made to operate as a single attack force rather than separated agencies.

d) Incident Commander. If an Incident Commander (IC) requires additional resources to augment the emergency response, he/she shall order them through the jurisdictional agency dispatch center of the agency having jurisdictional responsibility. There will always be one ordering point for any incident and this will be determined by the agency which has jurisdictional authority for the incident.

e) Incident Command System. The Incident Command System (ICS) shall be used on every incident.

f) Availability of Equipment. Neither party to this agreement is obligated to furnish any services to the requesting party if, in the sole discretion of the Fire Chief or his/her designee, the apparatus, equipment, personnel, or any combination thereof, is not available.

g) Mutual Training. Conduct mutual trainings to assure employees are familiar with protocols and equipment utilized by the other.

h) Common Radio Communications. Work cooperatively to develop and maintain common radio communications protocols to assure adequate communications exist while jointly responding to emergency incidents. In addition, work cooperatively and actively to deploy dispatching methods and AVL tracking capabilities to improve response times, reduce unnecessary delays, and provide for accountability. Specifically, both agencies will support the CAD to CAD system in conjunction with live AVL data exchange to ensure the closest units are recommended and utilized without unnecessary delays and develop specific operating procedures that ensure dispatching accuracy.

i) Notifications. When advised of an emergency incident within the other's jurisdiction, to make immediate notification of the incident to the jurisdictional agency.

j) Protective Equipment. Ensure that all personnel respond in and use proper Personal Protective Equipment as specified by the sending Department's policies.

SECTION 4. PRIVILEGES AND IMMUNITIES.

The provisions of this Agreement are intended to comply with the provisions of Article 2, Chapter 2, Part 1, Division 12, of the Health and Safety Code of the State of California, and Article 2, Chapter 4, Part 2, Division 2, Title 5, of the Government Code of the State of California, providing for privileges and immunities from liabilities, exemption from losses, and rules applicable to personnel furnishing fire protection outside the jurisdiction of the responding party and within the jurisdiction of the requesting party.

SECTION 5. MUTUAL INDEMNIFICATION.

The District, to the extent permitted by law, agrees to indemnify, defend, and hold harmless the City, its officers, agents and employees from any and all economic losses accruing or resulting to any person, firm or corporation who may be injured or damaged by the District in the performance of any activities under this Agreement, except where such injury or damage arose from the sole negligence or willful misconduct attributable to the City or from acts not within the scope of duties to be performed pursuant to this Agreement.

The City, to the extent permitted by law, agrees to indemnify, defend, and hold harmless the District, its officers, agents and employees from any and all economic losses accruing or resulting to any person, firm or corporation who may be injured or damaged by the City in the performance of any activities under this Agreement, except where such injury or damage arose from the sole negligence or willful misconduct attributable to the District or from acts not within the scope of duties to be performed pursuant to this Agreement.

SECTION 6. AGENCY.

It is the intent of the parties hereto, and part of the consideration supporting this Agreement, that each party shall bear all risks and obligations for its own personnel (including but not limited to State and Federal Training Mandates as required for California firefighters, pension, relief, disability, worker's compensation, and other benefits) as well as injury or damage to third parties that may arise while responding to the requesting party's incident in the same manner and to the same extent as if occurring within responding party's jurisdiction, subject only to Section 3 herein.

SECTION 7. THIRD PARTIES.

This Agreement shall not be construed as or deemed an agreement for benefit of any third party or parties, and no third party or parties shall have any right of action hereunder for any cause whatsoever.

SECTION 8. ASSIGNMENT.

This Agreement shall be binding on the successors and assignees of the parties hereto, except that no party shall assign this Agreement without the prior written consent of the other party.

SECTION 9. ADMINISTRATION OF AGREEMENT.

This Agreement shall be administered through the mutual agreement of the parties acting by and through their respective Fire Chiefs or designees.

SECTION 10. TERM AND TERMINATION OF AGREEMENT.

a) This Agreement may be terminated by either party as to its rights and obligations under this Agreement upon 60 days prior written notice to the other party.

ATTEST:
CLOVIS CITY CLERK

By _____

Date: _____

APPROVED AS TO FORM:
CLOVIS CITY ATTORNEY

By_____

Date: _____

CLOVIS FIRE CHIEF

By _____

Title_____

Date: _____

CITY OF CLOVIS:
CITY MANAGER

By _____

Title_____

Date: _____

FRESNO COUNTY FIRE PROTECTION DISTRICT:

By _____

By _____

Title: Board President

Date: _____

Title: Fire Chief

Date: _____

APPROVED AS TO FORM:
DISTRICT LEGAL COUNSEL

By _____

Date: _____

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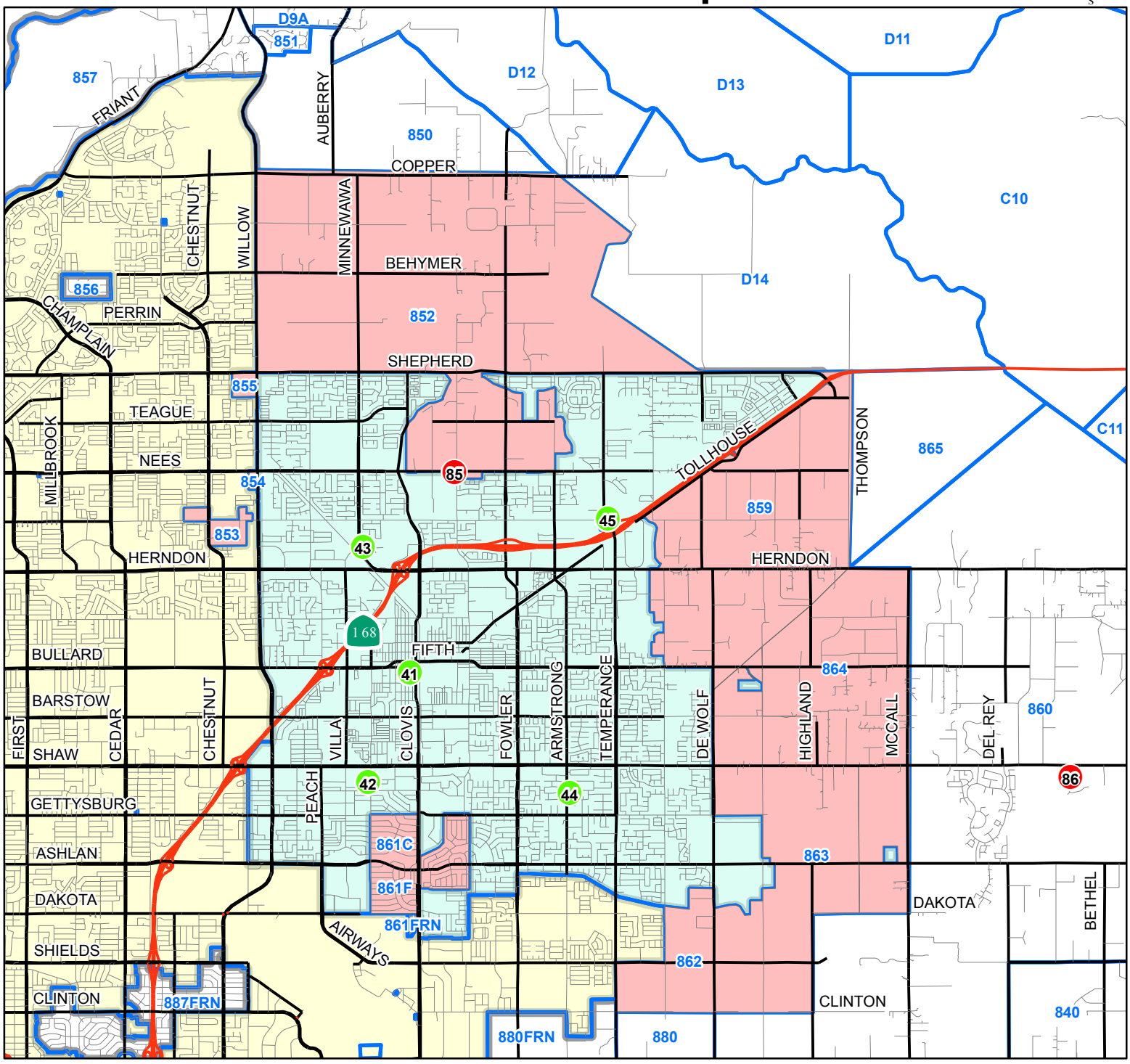
Clovis Auto Aid Area Map



Legend

- Response Areas
- Clovis City
- Fresno City
- Highways
- Major Roads
- Local Roads
- Clovis Auto Aid Area (Draft)
- Clovis Fire Stations
- County Fire Stations

Map Date: July 24, 2013

Appendix L

Transportation Impact Study

Appendices

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Clovis General Plan Update
Draft Transportation Impact Study

Prepared for:
City of Clovis

April 1, 2014

SA09-0148

Prepared by:

FEHR PEERS

2990 Lava Ridge Court, Suite 200
Roseville, CA 95661

David Robinson, P.E.
Senior Associate

Rob Hananouchi
Senior Transportation Planner

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I. INTRODUCTION

This study analyzes the transportation effects related to the proposed City of Clovis General Plan Update ("Proposed Project"). The Clovis General Plan Update would guide future development within the Clovis Planning Area.

The analysis contained in this report will form the basis of the transportation and traffic chapter for the Environmental Impact Report (EIR). The methodologies used in this study comply with applicable California Environmental Quality Act (CEQA) guidelines and requirements.

The impact analysis examines the roadway, transit, bicycle, and pedestrian components of the transportation system in the City of Clovis and adjacent jurisdictions. To provide a context for the impact analysis, this study begins with an introduction to the project study area, the relevant regulatory framework, and the impact significance thresholds based on the regulatory framework. This is followed by a description of the existing physical and operational conditions of the transportation system, the transportation conditions with the proposed project by 2035, and the transportation conditions with full build out of the proposed project. Lastly, this study includes identifies potentially significant effects and recommended mitigation measures.

The technical analysis contained in this report addresses traffic operations for roadway and freeway segments within the Clovis Planning Area. This report also provides a qualitative evaluation of transit, bicycle, and pedestrian facilities. This study identifies mitigation measures to address significant project impacts where appropriate.

REPORT OUTLINE

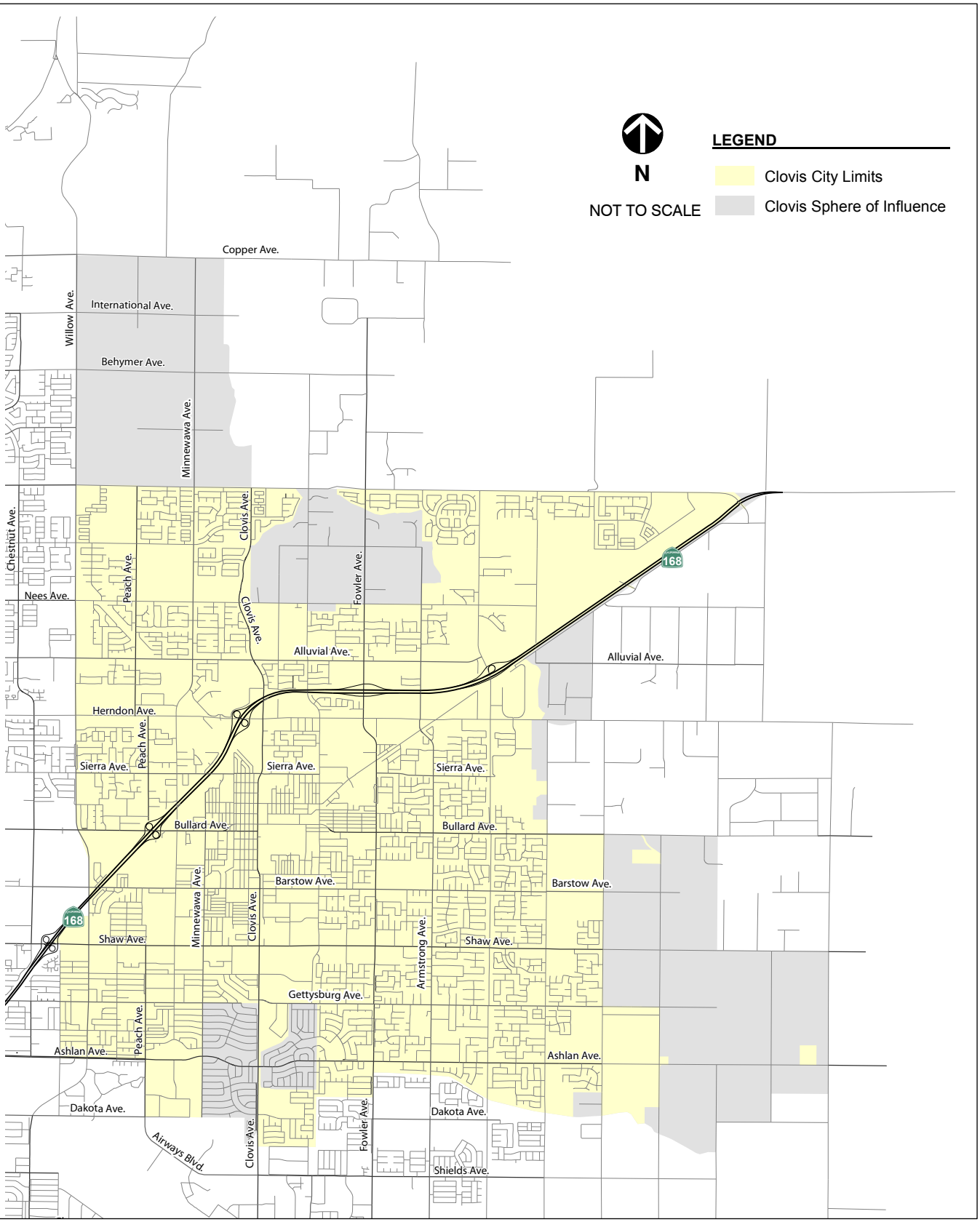
This report is divided into the following key chapters:

1. Introduction
2. Existing Conditions
3. 2035 Plus Proposed General Plan
4. Full Build Out of Proposed General Plan
5. Impact Assessment

The remainder of this introduction chapter will discuss the project study area, analysis methodology, and regulatory setting for this transportation impact study.

PROJECT STUDY AREA

The City of Clovis is located in Fresno County within California's San Joaquin Valley. It is a part of the larger Fresno-Clovis Metropolitan Area, bordered on the west and south by developed areas in the City of Fresno and to the north and east by rural areas in the County of Fresno. Clovis has a multi-modal transportation system consisting of freeways, streets, bikeways, and pedestrian and bicycle paths. The City of Clovis also provides fixed-route and demand-response (i.e., Dial-a-Ride) transit service. Figure 1 identifies the Clovis city limits and sphere of influence.



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CITY LIMITS AND SPHERE OF INFLUENCE

FIGURE 1

STUDY ROADWAY SEGMENTS

Table 1 presents the existing roadway segments analyzed in this transportation impact study. These segments were selected based on a review of the roadway network and circulation throughout Clovis:

TABLE 1: STUDY ROADWAY SEGMENTS

Roadway	Segment		Roadway	Segment	
	From	To		From	To
Copper Ave.	West of Willow Ave.		Herndon Ave.	West of Willow Ave.	
Copper Ave.	Willow Ave.	Auberry Rd.	Herndon Ave.	Willow Ave.	SR 168
Copper Ave.	Auberry Rd.	Minnewawa Ave.	Herndon Ave.	SR 168	Clovis Ave.
Copper Ave.	East of Minnewawa Ave.		Herndon Ave.	Clovis Ave.	Sunnyside Ave.
Behymer Ave.	West of Willow Ave.		Herndon Ave.	Sunnyside Ave.	Fowler Ave.
Behymer Ave.	Willow Ave.	Minnewawa Ave.	Herndon Ave.	Fowler Ave.	Temperance Ave.
Behymer Ave.	Minnewawa Ave.	Fowler Ave.	Herndon Ave.	Temperance Ave.	DeWolf Ave.
Perrin Ave.	West of Willow Ave.		Herndon Ave.	DeWolf Ave.	McCall Ave.
Shepherd Ave.	West of Willow Ave.		Herndon Ave.	McCall Ave.	Academy Ave.
Shepherd Ave.	Willow Ave.	Minnewawa Ave.	Sierra Ave.	Willow Ave.	Villa Ave.
Shepherd Ave.	Minnewawa Ave.	Clovis Ave.	Sierra Ave.	Villa Ave.	Clovis Ave.
Shepherd Ave.	Clovis Ave.	Fowler Ave.	Sierra Ave.	Fowler Ave.	Temperance Ave.
Shepherd Ave.	Fowler Ave.	Temperance Ave.	Third Street	Clovis Ave.	Sunnyside Ave.
Shepherd Ave.	Temperance Ave.	DeWolf Ave.	Tollhouse Rd.	Sunnyside Ave.	Armstrong Ave.
Shepherd Ave.	DeWolf Ave.	SR 168	Bullard Ave.	West of Willow Ave.	
Teague Ave.	Willow Ave.	Minnewawa Ave.	Bullard Ave.	Willow Ave.	SR 168
Nees Ave.	West of Willow Ave.		Bullard Ave.	SR 168	Villa Ave.
Nees Ave.	Willow Ave.	Minnewawa Ave.	Bullard Ave.	Villa Ave.	Fifth Street
Nees Ave.	Minnewawa Ave.	Clovis Ave.	Fifth Street	Bullard Ave.	Clovis Ave.
Nees Ave.	Clovis Ave.	Fowler Ave.	Fifth Street	Clovis Ave.	Sunnyside Ave.
Nees Ave.	Fowler Ave.	Temperance Ave.	Bullard Ave.	Sunnyside Ave.	Fowler Ave.
Nees Ave.	Temperance Ave.	Locan Ave.	Bullard Ave.	Fowler Ave.	Temperance Ave.
Alluvial Ave.	West of Willow Ave.		Bullard Ave.	Temperance Ave.	DeWolf Ave.
Alluvial Ave.	Willow Ave.	Clovis Ave.	Barstow Ave.	Willow Ave.	Clovis Ave.
Alluvial Ave.	Clovis Ave.	Fowler Ave.	Barstow Ave.	Clovis Ave.	Fowler Ave.
Alluvial Ave.	Fowler Ave.	Temperance Ave.	Barstow Ave.	Fowler Ave.	Temperance Ave.
Owens Mtn. Pkwy.	DeWolf Ave.	SR 168	Barstow Ave.	Temperance Ave.	Locan Ave.

TABLE 1: STUDY ROADWAY SEGMENTS

Roadway	Segment		Roadway	Segment	
	From	To		From	To
Shaw Ave.	West of SR 168		Shields Ave.	Clovis Ave.	Fowler Ave.
Shaw Ave.	SR 168	Willow Ave.	Shields Ave.	Fowler Ave.	Temperance Ave.
Shaw Ave.	Willow Ave.	Peach Ave.	Shields Ave.	Temperance Ave.	Leonard Ave.
Shaw Ave.	Peach Ave.	Villa Ave.	Willow Ave.	Friant Rd.	Copper Ave.
Shaw Ave.	Villa Ave.	Minnewawa Ave.	Willow Ave.	Copper Ave.	Behymer Ave.
Shaw Ave.	Minnewawa Ave.	Clovis Ave.	Willow Ave.	Behymer Ave.	Shepherd Ave.
Shaw Ave.	Clovis Ave.	Sunnyside Ave.	Willow Ave.	Shepherd Ave.	Nees Ave.
Shaw Ave.	Sunnyside Ave.	Fowler Ave.	Willow Ave.	Nees Ave.	Alluvial Ave.
Shaw Ave.	Fowler Ave.	Temperance Ave.	Willow Ave.	Alluvial Ave.	Herndon Ave.
Shaw Ave.	Temperance Ave.	DeWolf Ave.	Willow Ave.	Herndon Ave.	Bullard Ave.
Shaw Ave.	DeWolf Ave.	McCall Ave.	Willow Ave.	Bullard Ave.	Barstow Ave.
Shaw Ave.	McCall Ave.	Academy Ave.	Willow Ave.	Barstow Ave.	Shaw Ave.
Gettysburg Ave.	West of Willow Ave.		Willow Ave.	Shaw Ave.	Ashlan Ave.
Gettysburg Ave.	Willow Ave.	Minnewawa Ave.	Chestnut Diagonal	South of Ashlan Ave.	
Gettysburg Ave.	Clovis Ave.	Fowler Ave.	Peach Ave.	Shepherd Ave.	Teague Ave.
Gettysburg Ave.	Fowler Ave.	Temperance Ave.	Peach Ave.	Teague Ave.	Nees Ave.
Gettysburg Ave.	Temperance Ave.	DeWolf Ave.	Peach Ave.	Nees Ave.	Herndon Ave.
Gettysburg Ave.	DeWolf Ave.	Leonard Ave.	Peach Ave.	Shaw Ave.	Ashlan Ave.
Ashlan Ave.	SR 168	Willow Ave.	Peach Ave.	Ashlan Ave.	Dakota Ave.
Ashlan Ave.	Willow Ave.	Peach Ave.	Auberry Rd.	North of Copper Ave.	
Ashlan Ave.	Peach Ave.	Minnewawa Ave.	Villa Ave.	Herndon Ave.	Bullard Ave.
Ashlan Ave.	Minnewawa Ave.	Clovis Ave.	Villa Ave.	Bullard Ave.	Shaw Ave.
Ashlan Ave.	Clovis Ave.	Sunnyside Ave.	Villa Ave.	Shaw Ave.	Gettysburg Ave.
Ashlan Ave.	Sunnyside Ave.	Fowler Ave.	Minnewawa Ave.	Copper Ave.	Behymer Ave.
Ashlan Ave.	Fowler Ave.	Temperance Ave.	Minnewawa Ave.	Behymer Ave.	Shepherd Ave.
Ashlan Ave.	Temperance Ave.	DeWolf Ave.	Minnewawa Ave.	Shepherd Ave.	Teague Ave.
Ashlan Ave.	DeWolf Ave.	McCall Ave.	Minnewawa Ave.	Teague Ave.	Nees Ave.
Ashlan Ave.	McCall Ave.	Academy Ave.	Minnewawa Ave.	Nees Ave.	Herndon Ave.
Dakota Ave.	West of Peach Ave.		Minnewawa Ave.	Bullard Ave.	Shaw Ave.
Airways Blvd.	Dakota Ave.	Clovis Ave.	Minnewawa Ave.	Shaw Ave.	Ashlan Ave.

TABLE 1: STUDY ROADWAY SEGMENTS

Roadway	Segment		Roadway	Segment	
	From	To		From	To
Clovis Ave.	Shepherd Ave.	Teague Ave.	Armstrong Ave.	Shaw Ave.	Gettysburg Ave.
Clovis Ave.	Teague Ave.	Nees Ave.	Armstrong Ave.	Gettysburg Ave.	Ashlan Ave.
Clovis Ave.	Nees Ave.	Alluvial Ave.	Armstrong Ave.	Ashlan Ave.	Dakota Ave.
Clovis Ave.	Alluvial Ave.	Herndon Ave.	Armstrong Ave.	South of Dakota Ave.	
Clovis Ave.	Herndon Ave.	Third Street	Temperance Ave.	Shepherd Ave.	Nees Ave.
Clovis Ave.	Third Street	Fifth Street	Temperance Ave.	Nees Ave.	SR 168
Clovis Ave.	Fifth Street	Barstow Ave.	Temperance Ave.	SR 168	Herndon Ave.
Clovis Ave.	Barstow Ave.	Shaw Ave.	Temperance Ave.	Herndon Ave.	Sierra Ave.
Clovis Ave.	Shaw Ave.	Ashlan Ave.	Temperance Ave.	Sierra Ave.	Bullard Ave.
Clovis Ave.	Ashlan Ave.	Shields Ave.	Temperance Ave.	Bullard Ave.	Barstow Ave.
Clovis Ave.	South of Shields Ave.		Temperance Ave.	Barstow Ave.	Shaw Ave.
Sunnyside Ave.	North of Shepherd Ave.		Temperance Ave.	Shaw Ave.	Ashlan Ave.
Sunnyside Ave.	Shepherd Ave.	Nees Ave.	Temperance Ave.	Ashlan Ave.	Shields Ave.
Sunnyside Ave.	Nees Ave.	Herndon Ave.	Locan Ave.	Shepherd Ave.	Nees Ave.
Sunnyside Ave.	Herndon Ave.	Fifth Street	Locan Ave.	Herndon Ave.	Bullard Ave.
Sunnyside Ave.	Fifth Street	Shaw Ave.	Locan Ave.	Bullard Ave.	Shaw Ave.
Fowler Ave.	Behymer Ave.	Shepherd Ave.	Locan Ave.	Shaw Ave.	Ashlan Ave.
Fowler Ave.	Shepherd Ave.	Nees Ave.	Locan Ave.	Ashlan Ave.	Shields Ave.
Fowler Ave.	Nees Ave.	SR 168	DeWolf Ave.	Shepherd Ave.	Owens Mtn. Pkwy.
Fowler Ave.	SR 168	Herndon Ave.	DeWolf Ave.	Tollhouse Rd.	Herndon Ave.
Fowler Ave.	Herndon Ave.	Tollhouse Rd.	DeWolf Ave.	Herndon Ave.	Bullard Ave.
Fowler Ave.	Tollhouse Rd.	Bullard Ave.	DeWolf Ave.	Bullard Ave.	Shaw Ave.
Fowler Ave.	Bullard Ave.	Shaw Ave.	DeWolf Ave.	Shaw Ave.	Ashlan Ave.
Fowler Ave.	Shaw Ave.	Gettysburg Ave.	DeWolf Ave.	Ashlan Ave.	Shields Ave.
Fowler Ave.	Gettysburg Ave.	Ashlan Ave.	Leonard Ave.	Bullard Ave.	Shaw Ave.
Fowler Ave.	Ashlan Ave.	Shields Ave.	Leonard Ave.	Shaw Ave.	Ashlan Ave.
Fowler Ave.	South of Shields Ave.		Thompson Ave.	Cole Ave.	Herndon Ave.
Armstrong Ave.	Nees Ave.	Herndon Ave.	McCall Ave.	Herndon Ave.	Shaw Ave.
Armstrong Ave.	Herndon Ave.	Bullard Ave.	McCall Ave.	Shaw Ave.	Ashlan Ave.
Armstrong Ave.	Bullard Ave.	Shaw Ave.	McCall Ave.	South of Ashlan Ave.	

TABLE 1: STUDY ROADWAY SEGMENTS

Roadway	Segment		Roadway	Segment	
	From	To		From	To
Academy Ave.	Shepherd Ave.	Herndon Ave.	SR 168 EB	Shaw Ave.	Bullard Ave.
Academy Ave.	Herndon Ave.	Shaw Ave.	SR 168 WB	Bullard Ave.	Shaw Ave.
Academy Ave.	South of Shaw Ave.		SR 168 EB	Bullard Ave.	Herndon Ave.
SR 168 EB	SR 180	McKinley Ave.	SR 168 WB	Herndon Ave.	Bullard Ave.
SR 168 WB	McKinley Ave.	SR 180	SR 168 EB	Herndon Ave.	Fowler Ave.
SR 168 EB	McKinley Ave.	Shields Ave.	SR 168 WB	Fowler Ave.	Herndon Ave.
SR 168 WB	Shields Ave.	McKinley Ave.	SR 168 EB	Fowler Ave.	Temperance Ave.
SR 168 EB	Shields Ave.	Ashlan Ave.	SR 168 WB	Temperance Ave.	Fowler Ave.
SR 168 WB	Ashlan Ave.	Shields Ave.	SR 168	Temperance Ave.	Owens Mtn. Pkwy.
SR 168 EB	Ashlan Ave.	Shaw Ave.	SR 168	Owens Mtn. Pkwy.	Shepherd Ave.
SR 168 WB	Shaw Ave.	Ashlan Ave.	SR 168	East of Shepherd Ave.	

In addition, the proposed General Plan would result in several new roadways and upgrade existing rural roadways to urban facilities, creating new segments. Table 2 presents the additional study roadways that are analyzed with the build out of the proposed General Plan.

TABLE 2: PROPOSED GENERAL PLAN –
ADDITIONAL STUDY ROADWAY SEGMENTS

Roadway	Segment		Roadway	Segment	
	From	To		From	To
Copper Ave.[1]	Minnewawa Ave.	Clovis Ave.	Owens Mtn. Pkwy.	Temperance Ave.	Nees Ave.
Copper Ave.	Clovis Ave.	"NS Arterial 1"	Owens Mtn. Pkwy.	Nees Ave.	DeWolf Ave.
Copper Ave.	"NS Arterial 1"	SR 168	Owens Mtn. Pkwy.	SR 168	"Collector A"
International Ave.	Willow Ave.	Auberry Rd.	Owens Mtn. Pkwy.	"Collector A"	McCall Ave.
International Ave.	Auberry Rd.	Minnewawa Ave.	Owens Mtn. Pkwy.	East of McCall Ave.	
Behymer Ave.[2]	Minnewawa Ave.	Clovis Ave.	Owens Mtn. Pkwy.	"NS Arterial 1"	"NS Arterial 2"
Behymer Ave.[2]	Clovis Ave.	Sunnyside Ave.	Owens Mtn. Pkwy.	East of "NS Arterial 2" (South)	
Behymer Ave.[2]	Sunnyside Ave.	Fowler Ave.	Owens Mtn. Pkwy.	East of "NS Arterial 2" (North)	
Perrin Ave.	Willow Ave.	Peach Ave.	Herndon Ave.[3]	McCall Ave.	"NS Collector A"
Perrin Ave.	Peach Ave.	Minnewawa Ave.	Herndon Ave.[3]	"NS Collector A"	"NS Collector B"
Perrin Ave.	Minnewawa Ave.	Clovis Ave.	Herndon Ave.[3]	"NS Collector B"	Academy Ave.

TABLE 2: PROPOSED GENERAL PLAN –
ADDITIONAL STUDY ROADWAY SEGMENTS

Roadway	Segment		Roadway	Segment	
	From	To		From	To
Gettysburg Ave.	Leonard Ave.	Thompson Ave.	McCall Ave.	SR 168	Owens Mtn. Pkwy.
Gettysburg Ave.	Thompson Ave.	McCall Ave.	McCall Ave.	Owens Mtn. Pkwy.	"Collector A"
Peach Ave.	Copper Ave.	Behymer Ave.	McCall Ave.	"Collector A"	"Collector B"
Peach Ave.	Behymer Ave.	Shepherd Ave.	McCall Ave.	"Collector B"	"Arterial 2"
Auberry Rd.	Copper Ave.	International Ave.	McCall Ave.	"Arterial 2"	Herndon Ave.
Clovis Ave.	Copper Ave.	Behymer Ave.	"NS Arterial 1"	Copper Ave.	SR 168
Clovis Ave.	Behymer Ave.	Perrin Ave.	"NS Arterial 1"	SR 168	Owens Mtn. Pkwy.
Clovis Ave.	Perrin Ave.	"Pryor Dr."	"NS Arterial 2"	SR 168	Owens Mtn. Pkwy. (South)
Clovis Ave.	"Pryor Dr."	Shepherd Ave.	"NS Arterial 2"	Owens Mtn. Pkwy. (South)	McCall Ave.
Thompson Ave.	Shaw Ave.	Gettysburg Ave.			
Thompson Ave.	Gettysburg Ave.	Ashlan Ave.			

Notes: [1]Analyzed as Copper Ave. – East of Minnewawa Ave. under Existing Conditions
[2]Analyzed as Behymer Ave. – Minnewawa Ave. to Fowler Ave. under Existing Conditions
[3]Analyzed as Herndon Ave. – McCall Ave. to Academy Ave. under Existing Conditions

ANALYSIS METHODOLOGIES

TRAVEL DEMAND FORECASTING

This study uses the most recently adopted Fresno Council of Governments (COG) regional travel demand forecasting (TDF) model released in 2010 to forecasts 2035 and build out traffic volumes with the proposed General Plan update. The model was modified within the study area to reflect the transportation network and land uses associated with the proposed General Plan update.

TRAFFIC OPERATIONS

This study analyzes traffic operations using level of service (LOS) as the primary measure of performance. Roadway LOS is a qualitative description of traffic flow from the perspective of motorists. The *Highway Capacity Manual* (HCM) (Transportation Research Board, 2000) defines six levels of service from LOS A representing the least congested traffic conditions to LOS F representing the most congested traffic conditions. LOS E represents "at capacity" operations. The flow of vehicles without significant impediments is considered "stable" whereas when traffic encounters interference that limits the capacity

acutely, the flow becomes "unstable". These grades represent the perspective of drivers only and are an indication of the comfort and convenience associated with driving, as well as speed, travel time, traffic interruptions, and freedom to maneuver. Table 3 presents a general description of each LOS.

TABLE 3: LEVEL OF SERVICE DESCRIPTIONS

Level of Service	Description
A	Free-flow operations. Drivers are almost completely unimpeded in their ability to maneuver within the traffic stream.
B	Free-flow speeds are maintained. The ability to maneuver within the traffic stream is only slightly restricted.
C	Traffic flow with speeds at or near free-flow speed. The freedom to maneuver within the traffic steam is noticeably restricted, and lane changes require more care and vigilance on the part of the driver.
D	Speeds begin to decline slightly with increasing flows. Freedom to maneuver within the traffic stream is noticeably limited.
E	Operations at or near capacity. There are virtually no useable gaps within the traffic stream, leaving little room to maneuver.
F	Breakdown in vehicular flow. Vehicular demand exceeds capacity.

Source: *Highway Capacity Manual* (Transportation Research Board, 2000).

Roadway Segment Traffic Operations

This study conducted roadway operations analysis for the study roadway segments to provide an evaluation of how the roadway network will perform. It also provides an idea of the amount of traffic that will utilize each roadway and if the existing or proposed lane configurations can adequately handle the volumes.

The roadway segment operations analysis uses the peak hour traffic volume thresholds shown in Table 4 to determine the LOS for study roadway segments. These thresholds are based on the planning level methodologies identified in the HCM, and were developed using inputs that specifically to match the typical roadway conditions seen in Clovis.

TABLE 4: LEVEL OF SERVICE CRITERIA – ROADWAY SEGMENTS

Classification	Median Type	# of Lanes	Peak Hour LOS Volume Thresholds				
			LOS A	LOS B	LOS C	LOS D	LOS E
Freeway	N/A	4	2,720	4,460	6,630	7,720	8,630
		3+Aux	2,360	3,860	5,640	6,730	7,530
		3	2,000	3,270	4,660	5,740	6,430
		2+Aux	1,650	2,700	3,850	4,760	5,340
		2	1,300	2,130	3,050	3,790	4,260
Expressway (Caltrans)	Divided	6	2,280	3,750	5,400	7,030	7,980
		4	1,510	2,500	3,600	4,680	5,310
Expressway (City)	Raised Median	6	-	-	3,290	6,120	6,400
		5	-	-	2,685	5,090	5,330
		4	-	-	2,080	4,060	4,260
		3	-	-	1,475	3,030	3,190
Arterial	Raised Median	8	-	-	4,180	7,210	7,580
		6	-	-	3,060	5,390	5,680
		5	-	-	2,500	4,480	4,730
		4	-	-	1,950	3,580	3,780
		3	-	-	1,400	2,670	2,830
		2	-	-	860	1,770	1,880
	TWLTL	4	-	-	1,840	3,400	3,590
		2	-	-	810	1,680	1,790
	Undivided	4	-	-	1,320	2,500	2,640
		2	-	-	570	1,230	1,310
Collector	TWLTL	4	-	-	1,840	3,400	3,590
		3	-	-	1,325	2,540	2,690
		2	-	-	810	1,680	1,790
	Undivided	4	-	-	1,320	2,500	2,640
		2	-	-	570	1,230	1,310
State Highway	Undivided	2	310	570	1,020	1,730	2,470
Rural Arterial	Divided	4	-	-	1,950	3,580	3,780
	Undivided	2	-	-	570	1,230	1,310
Rural Collector/Local	Undivided	2	-	-	570	930	1,000

Source: Developed by Fehr & Peers based on the *Highway Capacity Manual* (Transportation Research Board, 2000).

ANALYSIS ASSUMPTIONS AND METHODOLOGY LIMITATIONS

Key assumptions made in the process of this study include:

- Land use growth for Full Build Out scenario (see Chapter 4).

Travel Demand Forecasting Limitations

As noted above, this study uses the most recently adopted Fresno COG TDF model released in 2010 and made modifications within the study area to reflect the transportation network and land uses associated with the proposed General Plan update. While this makes the TDF model the most valid and capable tool for forecasting future traffic volumes, the TDF model has some limitations in its application for this study. For example, the model was designed to model traffic for regional air quality conformity, and only includes the regional roadway network. Given its regional scale, the model does not include details with regards to access to local streets and driveways, or potential local streets that act as cut-through or parallel routes.

The City of Clovis's roadway network is primarily a grid network with half-mile spacing. Drivers may choose from multiple routes in a grid system based on signal progression, congestion, and individual preferences, and may use different routes for the same trip. While the model accounts for segment level congestion, it is more limited in its ability to directly account for changes in routes due to signal operations or driver preferences. To account for some of these limitations, this study uses a process known as the "difference method" to develop turning movement forecasts. This approach adjusts raw model volume forecasts by adding the forecasted incremental growth from the TDF model to the baseline traffic counts.

Traffic Operations Limitations

This study uses analysis methodologies that are consistent with the planning level application of the *Highway Capacity Manual*. This planning level application uses a set of general inputs that represent the typical characteristics of each roadway classification (i.e., freeway, expressway, arterial, collector, etc.). This study specifically uses inputs that match the typical characteristics of roadways in Clovis to develop the hourly volume thresholds. The thresholds presented in Table 4 are created to capture the key inputs for roadway characteristics such as roadway classification, median type, and number of lanes. As stated in the HCM, these planning level values are useful in evaluating the overall performance of a large number of facilities within a jurisdiction to determine where improvements may be needed, but are not designed to reflect the unique characteristics of a particular facility or to make final decisions on important design features. As such, there may be cases where the specific characteristic of a roadway segment is different than the typical street characteristics used to develop the thresholds in Table 4. For example, an arterial roadway may have more closely spaced intersections or driveways, have a lower or higher speed limit, or carry more truck traffic than a typical arterial in Clovis. Changing these types of inputs would result in

different roadway capacities that may either result in a better or worse LOS than reported based on the thresholds in Table 4.

As stated above, the HCM supports the use of the planning level evaluation when evaluating a large number of facilities and needing to evaluate the overall performance of facilities within a jurisdiction. Therefore, while the thresholds in Table 4 may be limited in their ability to represent every roadway condition or characteristic, the methodology to use planning level thresholds is justified for this study.

REGULATORY SETTING

This section summarizes the transportation policies, laws, and regulations that would apply to the proposed General Plan Update. These regulations provide the context for the impact discussion related to the project's potentially significant effects discussed in Chapter 5 – Impact Assessment. Further, this study identifies significant impacts to traffic operations by comparing roadway LOS analysis results to the LOS policies set forth by the City of Clovis, City of Fresno, County of Fresno, and Caltrans for their respective facilities.

FEDERAL REGULATIONS

Applicable federal regulations are described below.

Americans with Disabilities (ADA) Act of 1990

Titles I, II, III, and V of the ADA have been codified in Title 42 of the United States Code, beginning at section 12101. Title III prohibits discrimination on the basis of disability in "places of public accommodation" (businesses and non-profit agencies that serve the public) and "commercial facilities" (other businesses). The regulation includes Appendix A to Part 36 (Standards for Accessible Design) establishing minimum standards for ensuring accessibility when designing and constructing a new facility or altering an existing facility.

Examples of key guidelines include detectable warnings for pedestrians entering traffic where there is no curb, a clear zone of 48" inches for the pedestrian travel way, and a vibration-free zone for pedestrians.

Federal Highway Administration (FHWA)

The FHWA is a major agency of the United States Department of Transportation. In partnership with State and local agencies, the FHWA carries out Federal highway programs to meet the Nation's transportation needs. The FHWA administers and oversees Federal highway programs to ensure that Federal funds are used efficiently.

STATE REGULATIONS

Applicable state laws and state transportation agency plans are described below.

AB 32 – Global Warming Solution Act

With the passage of Assembly Bill (AB) 32, the Global Warming Solutions Act of 2006, the State of California committed itself to reducing greenhouse gas (GHG) emissions to 1990 levels by 2020. The California Air Resources Board (CARB) is coordinating the response to comply with AB 32.

In 2007, ARB adopted a list of early action programs that could be put in place by January 1, 2010. In 2008, ARB defined its 1990 baseline level of emissions, and by 2011 it completed its major rule making for reducing GHG emissions. Rules on emissions, as well as market-based mechanisms like the proposed cap and trade program, came into effect January 1, 2012. The cap and trade program controls pollution by a governing agency selling permits on the amount of pollutants a firm can emit. A firm's pollutants cannot exceed the limit. Firms requiring the need to increase their emissions must purchase permits from other firms requiring fewer permits.

SB 375 – Sustainable Communities and Climate Protection Act

On December 11, 2008, the California Air Resources Board (CARB) adopted its Proposed Scoping Plan for AB 32. This scoping plan included the approval of SB 375 as the means for achieving regional transportation-related greenhouse gas (GHG) targets. SB 375 provides guidance on how curbing emissions from cars and light trucks can help the state comply with AB 32.

There are five major components to SB 375. First, SB 375 will address regional GHG emission targets. CARB's Regional Targets Advisory Committee will guide the adoption of targets to be met by 2020 and 2035 for each metropolitan planning organization (MPO) in the state. These targets, which MPOs may propose themselves, will be updated every eight years in conjunction with the revision schedule of housing and transportation elements.

Second, MPOs will be required to create a sustainable communities strategy (SCS) that provides a plan for meeting regional targets. The SCS and the regional transportation plan (RTP) must be consistent with each other, including action items and financing decisions. If the SCS does not meet the regional target, the MPO must produce an Alternative Planning Strategy that details an alternative plan to meet the target.

Third, SB 375 requires that regional housing elements and transportation plans be synchronized on eight-year schedules. In addition, Regional Housing Needs Assessment (RHNA) allocation numbers must conform to the SCS. If local jurisdictions are required to rezone land as a result of changes in the housing element, rezoning must take place within three years.

Fourth, SB 375 provides CEQA streamlining incentives for preferred development types. Residential or mixed-use projects qualify if they conform to the SCS. Transit-oriented developments (TODs) also qualify if they 1) are at least 50 percent residential, 2) meet density requirements, and 3) are within one-half mile of a transit stop. The degree of CEQA streamlining is based on the degree of compliance with these development preferences.

Finally, MPOs must use transportation and air emission modeling techniques consistent with guidelines prepared by the California Transportation Commission (CTC). Regional transportation planning agencies, cities, and counties are encouraged, but not required, to use travel demand models consistent with the CTC guidelines.

AB 1358 – California Complete Streets Act

The California Complete Streets Act of 2008 was signed into law on September 30, 2008. Beginning January 1, 2011, AB 1358 required circulation elements to address the transportation system from a multimodal perspective. The bill states that streets, roads, and highways must "meet the needs of all users…in a manner suitable to the rural, suburban, or urban context of the general plan." Essentially, this bill requires a circulation element to plan for all modes of transportation where appropriate—including walking, biking, car travel, and transit.

The Complete Streets Act also requires circulation elements to consider the multiple users of the transportation system, including children, adults, seniors, and the disabled. For further clarity, the Governor's Office of Planning and Research released guidelines related to this legislation in December 2010.

California Department of Transportation (Caltrans)

Caltrans has authority over the State highway system, including freeways, interchanges, and arterial State Routes. Caltrans approves the planning, design, and construction of improvements for all State-controlled facilities including State Route (SR) 168 and its associated interchanges and intersections in Clovis. Caltrans also provides administrative support for transportation programming decisions made by the California Transportation Commission (CTC) for state funding programs. The State Transportation Improvement Program (STIP) is a multi-year capital improvement program that sets priorities and funds transportation projects envisioned in long-range transportation plans.

Caltrans requirements are described in their *Guide for the Preparation of Traffic Impact Studies* (Caltrans 2001), which covers the information needed for Caltrans to review the impacts on state highway facilities including freeway segments. The *Guide for the Preparation of Traffic Impact Studies* states that "Caltrans endeavors to maintain a target LOS at the transition between LOS "C" and LOS "D" on state highway facilities; however, Caltrans acknowledges that this may not always be feasible and recommends that the lead agency consult with Caltrans to determine the appropriate target LOS." The *Guide for the Preparation*

of Traffic Impact Studies also states that where "an existing State highway facility is operating at less than the appropriate target LOS, the existing measure of effectiveness (MOE) should be maintained."

Caltrans also prepares comprehensive planning documents, including Corridor System Management Plans (CSMPs) and Transportation Concept Reports (TCRs), which are long-range planning documents that establish a planning concept for state facilities. The CSMPs and TCRs identify a concept LOS, or "target" LOS, for the applicable highway facility. A deficiency or need for improvement is triggered when the actual LOS falls below the concept LOS. Caltrans released the most recent TCR for SR 168 in October 2005. For the study area, the SR 168 TCR identifies LOS D as the route concept LOS.

REGIONAL REGULATIONS AND PLANS

Applicable regional transportation agency plans and policies are described below.

2011 Fresno COG Regional Transportation Plan

The 2011 Fresno COG *Regional Transportation Plan* (RTP) (Fresno COG, 2010) is a federally mandated long-range fiscally constrained transportation plan for Fresno County. The area is designated a federal non-attainment area for ozone, indicating that the transportation system is required to meet stringent air quality emissions targets to reduce pollutant levels that contribute to ozone formation. To receive federal funding, transportation projects nominated by cities, counties, and agencies must be consistent with the RTP.

LOCAL REGULATIONS AND PLANS

Adopted local agency planning documents, such as a local jurisdiction's General Plan, provides guidance for the agency's management of its transportation system. The majority of the study segments in this transportation impact study are within the City of Clovis. To address potential effects on roadways in the adjacent jurisdictions, this study also analyzes local roadways in the City of Fresno and County of Fresno. Applicable local agency regulatory plans and policies from these agencies are described below.

City of Clovis General Plan

The 1993 City of Clovis General Plan serves as the City's blueprint for future growth and development, providing comprehensive planning for the future. The 1993 General Plan's Circulation Element addresses the movement of people and goods throughout the City of Clovis's transportation network. The Circulation Element evaluates transportation circulation needs within the City and recommends circulation improvements that will accommodate the future demand for transportation service generated by the Land Use Element of the General Plan. The 1993 Clovis General Plan Circulation Element identifies LOS D as the City's targeted LOS standard.

City of Fresno General Plan

The City of Fresno's current *2025 Fresno General Plan* provides the City's long-range planning strategies for continued development, enhancement, and revitalization of the City of Fresno. The City of Fresno is in the process of updating its General Plan, and will soon adopt a General Plan Update with revised goals and policies.

The City of Fresno's current General Plan Public Facilities Element identifies the public facilities, including circulation and public transportation facilities, needed to support the growth and urban development anticipated under the *2025 Fresno General Plan*. The Transportation section of the Public Facilities Element describes the current and future transportation needs within the City and identifies a preferred circulation plan to accommodate the future demand for transportation service. It also acknowledges several long-term deficiencies that are expected with the growth of the City. The *2025 Fresno General Plan* identifies LOS D as the City's acceptable level of traffic on major streets.

County of Fresno General Plan

The *Fresno County 2000 General Plan* is a comprehensive, long-term framework for the protection of the county's agricultural, natural, and cultural resources, and for development in the county. The General Plan outlines policies, standards, and programs and sets out plan proposals to guide day-to-day decisions concerning Fresno County's future. The Transportation and Circulation Element of the *Fresno County 2000 General Plan* provides the framework for Fresno County decisions concerning the countywide transportation system. It also establishes standards that guide the development of the transportation system and management of access to the highway system by new development throughout the unincorporated areas of the county. The Transportation and Circulation Element includes policies that state the County will strive to meet LOS D on urban roadways within the spheres of influence of the cities of Fresno and Clovis and LOS C on all other roadways in the county.

Fresno Yosemite International Airport Land Use Compatibility Plan

The Fresno Yosemite International Airport Land Use Compatibility Plan is required by the State Aeronautics Act to provide for the orderly growth of the airport and the area surrounded the airport within the jurisdiction of the Airport Land Use Commission (ALUC). The goal of land use compatibility around airports is to protect the public health, safety, and welfare by ensuring the orderly expansion of airports and the adoption of land use measures that minimize the public's exposure to excessive noise and safety hazards within areas around public airports to the extent that these areas are not already devoted to incompatible uses.

II. EXISTING CONDITIONS

This chapter describes the existing condition of the roadway, transit, bicycle, and pedestrian systems in the study area. Please note much of this information was developed and submitted in May 2011 to assist in informing the development of the General Plan. This study uses the existing conditions as the baseline to measure the potential impacts of proposed project.

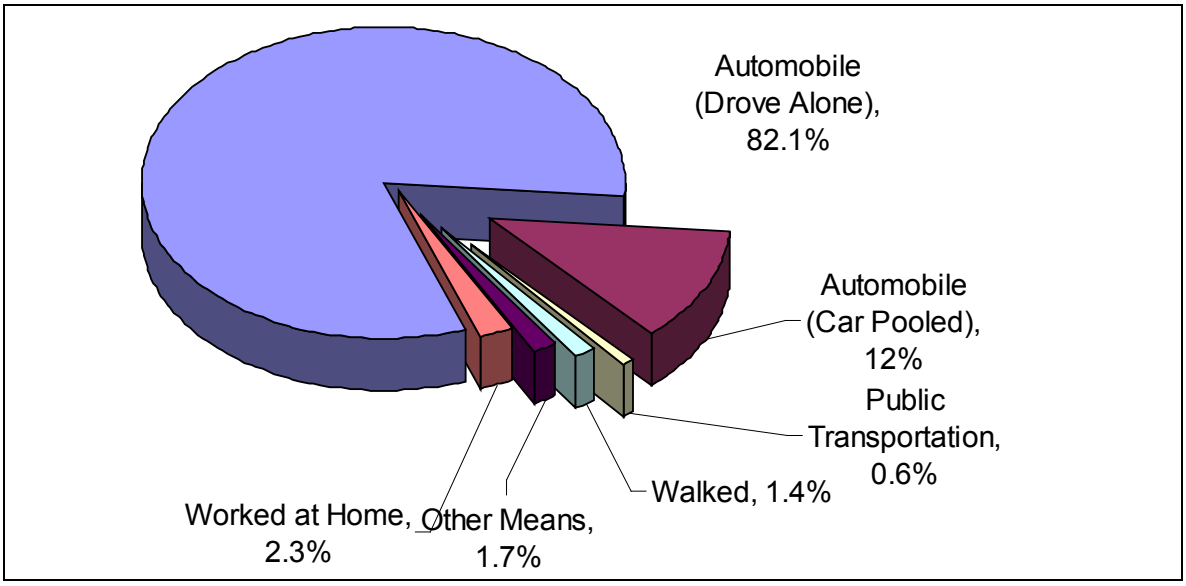
EXISTING TRAVEL BEHAVIOR IN CLOVIS

Both the location of the City of Clovis, as well as its land use patterns, have played an important role in the way that residents travel in and around the City. Although residents of Clovis have access to several modes of travel including walking, biking, and transit, the automobile serves as the primary mode of transportation within the City.

The 2000 U.S. Census "journey to work" data provides detailed information about where residents of the City work, which is useful for estimating peak hour traffic patterns. Due to its close proximity to the much larger City of Fresno, a majority of Clovis' residents work outside of Clovis. As of the 2000 U.S. Census, only 24 percent of Clovis' residents worked within the City, while approximately 61 percent worked in the City of Fresno.

Data from the 2000 U.S. Census also provides information regarding the modes of transportation that residents of Clovis use to travel to work. Exhibit 1 shows that 94.1 percent of all working City residents travel from home to work by automobile (compared to 86.3 percent statewide), of which 12 percent travel in a carpool of two or more people. Walking, bicycling, public transit, and other modes account for 5.4 percent of the total work trips by Clovis residents (compared to 9.9 percent statewide), while 2.3 percent of people work from home.

EXHIBIT 1
METHODS OF COMMUTING IN CLOVIS



EXISTING FACILITIES

ROADWAY FACILITIES

Functional Classifications

Roadways in the City of Clovis are categorized according to a typology known as roadway functional classification. Roadway functional classification categorizes roadways based on the type of service they provide. Two major functions of roadways are to provide mobility for through traffic and provide direct access to adjacent properties. Roadways prioritize these two functions differently. For instance, arterial roadways prioritize the movement of traffic over access to individual adjacent properties, whereas local streets prioritize access to private properties over allowing for the through movement of vehicle traffic. Roadways also provide bicycle and pedestrian access and allow for the circulation of non-vehicular traffic. Below are descriptions of the roadway functional classifications in Clovis.

Freeways

Freeways are intended to carry traffic efficiently from one end of the city to the other, serve inter-regional travel, and provide connections from Clovis to other cities and counties. Freeways are access-controlled with two or more lanes in each direction. State Route (SR) 168 is a freeway within the City of Clovis.

Expressways

Similar to freeways, expressways are intended to carry traffic efficiently over long distances. Access to expressways is typically restricted to signalized intersections with arterial and collector streets. Travel lanes for opposing directions of travel are separated by a raised median. Portions of Temperance Avenue and Herndon Avenue within the City of Clovis operate as expressways.

Arterials

Arterials are designed to move large volumes of traffic and are intended to provide a high level of mobility between freeways, expressways, other arterials, and collector roadways. Arterials also provide non-freeway/highway connections between major residential, employment, and activity centers. Unlike freeways, they are intended not only for motor vehicle circulation, but also for bicycle and pedestrian circulation. Arterial streets typically have more right-of-way and a higher degree of access control than collector roadways. Most arterials in Clovis have four travel lanes, and opposing traffic may be separated by a median.

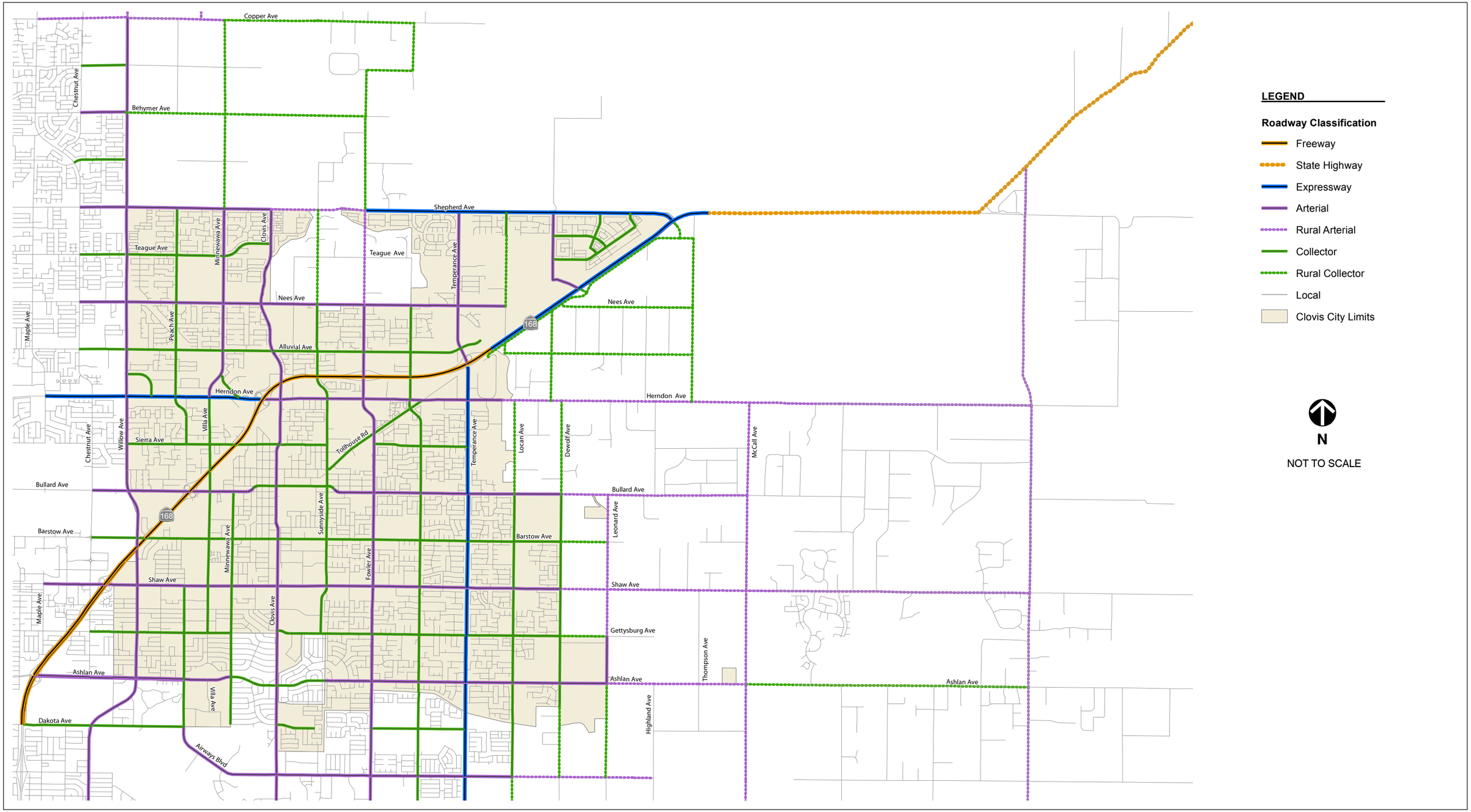
Collectors

Collector streets provide for relatively short distance travel between and within neighborhoods. Collectors are not designed to handle long-distance through traffic. Driveway access to collectors is less limited than on arterials. Speed limits on these streets are typically lower than those found on arterials.

Local Streets

Local streets are designed to provide direct roadway access to abutting land uses and serve short distance trips within neighborhoods. Traffic volumes and speed limits on local streets are low, and these roadways have no more than two travel lanes.

Figures 2 and 3 show the existing roadway functional classification and number of lanes on the major roadways in Clovis, respectively.



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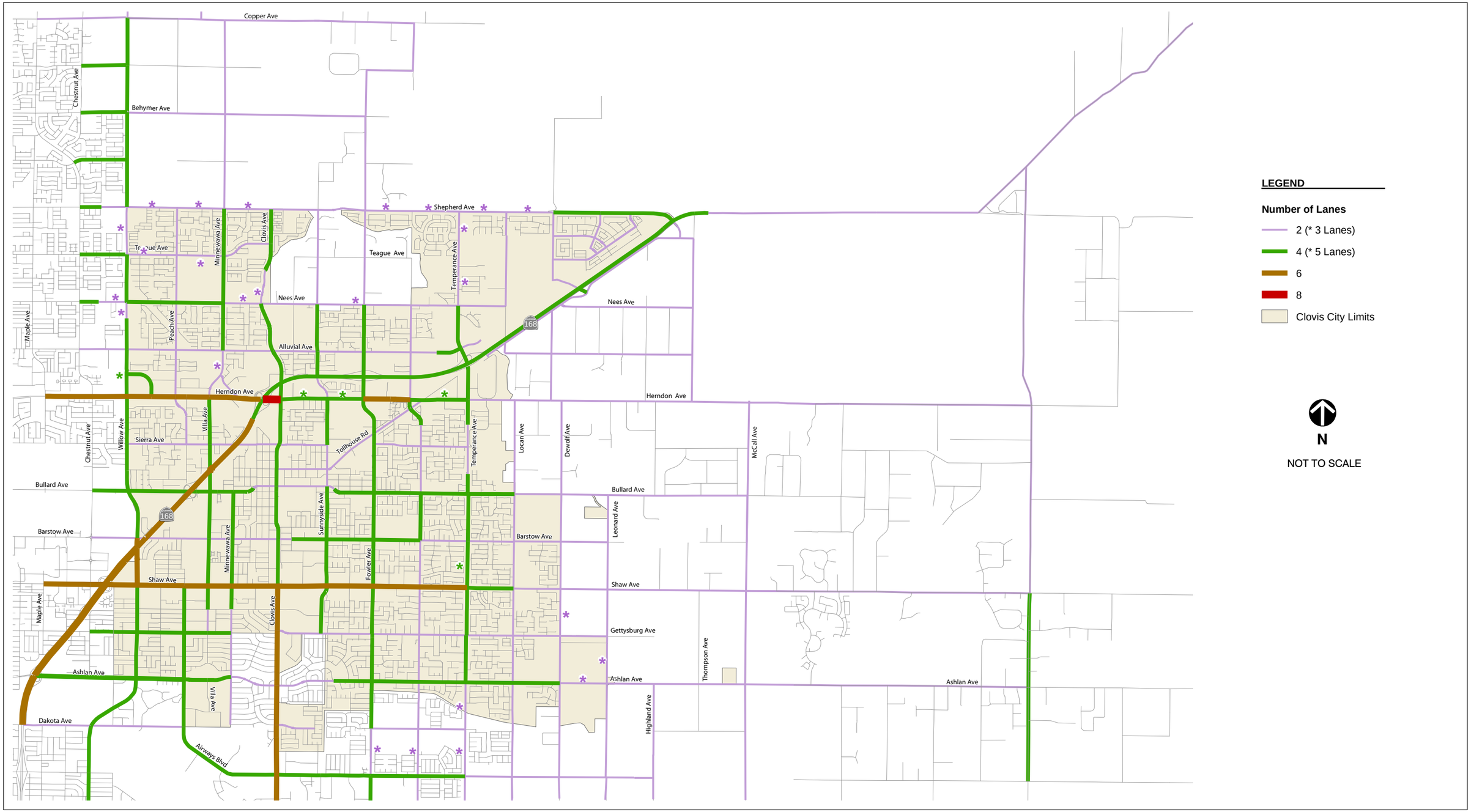
EXISTING CIRCULATION SYSTEM - ROADWAY CLASSIFICATION

FIGURE 2



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EXISTING CIRCULATION SYSTEM - NUMBER OF LANES

FIGURE 3

Roadway Network

SR 168 serves as the backbone of Clovis' regional transportation network and provides access into the City of Fresno for residents of Clovis and eastern Fresno County. Additionally, Herndon Avenue to the west of SR 168 and Temperance Avenue south of SR 168 serve as expressways carrying traffic to and from the freeway. Clovis also has a grid of collector and arterial streets spaced approximately a half mile apart throughout most of the City. These streets collect traffic from the local roadways that make up the remainder of the City's roadway system.

SR 168 along with the City of Clovis' expressways and arterials accommodate regional and cross-city travel. Collector streets and local roadways generally serve short to medium-length trips. Ashlan Avenue, Bullard Avenue, and Clovis Avenue are examples of arterials that connect neighborhoods in and around Clovis. Collector streets, such as Barstow Avenue, Gettysburg Avenue, and Peach Avenue are primarily used for travel within Clovis and connect neighborhood traffic to arterials and expressways.

Major Streets

State Route (SR) 168 is an east-west state highway that travels through the City of Clovis. West of Clovis, SR 168 is a six-lane freeway that connects Clovis to Fresno Yosemite International Airport, Downtown Fresno, and the greater freeway system via SR 180, SR 41, and SR 99. Within Clovis, SR 168 is primarily a four- and six-lane freeway with interchanges at Shaw Avenue, Bullard Avenue, Herndon Avenue, Fowler Avenue, and Temperance Avenue. East of Temperance Avenue, SR 168 becomes a four-lane expressway with signalized access points at Owens Mountain Parkway and Shepherd Avenue. East of Shepherd Avenue, SR 168 leaves the City of Clovis as a two-lane conventional state highway heading towards Shaver Lake and Huntington Lake in the Sierra Nevada.

Herndon Avenue is an east-west arterial that travels through the Fresno-Clovis Metropolitan Area. East of SR 168, Herndon Avenue is an eight-lane arterial that narrows to a four- to six-lane arterial east of Clovis Avenue. West of SR 168, Herndon Avenue is a six-lane expressway within the City of Clovis. The roadway originates west of its interchange with SR 99 in Fresno and connects with both SR 41 and SR 168 before ending east of Academy Avenue east of Clovis.

Bullard Avenue is an east-west arterial roadway beginning at Figarden Drive in Fresno, and extending through Clovis before ending approximately one mile east of McCall Avenue. Bullard Avenue has interchanges with both SR 41 and SR 168. Within Clovis, Bullard Avenue is a four-lane arterial mostly with a raised median. Through Old Town Clovis, through traffic on Bullard Avenue shifts to Fifth Avenue, a two-lane collector street.

Shaw Avenue is an east-west roadway that travels through the Fresno-Clovis Metropolitan Area. To the west, it begins as a two-lane conventional roadway about 13 miles west of SR 99 west of Fresno. It stretches eastward of Clovis past Academy Avenue before it ends at Zediker Avenue. Shaw Avenue has

interchanges with SR 99, SR 41, and SR 168. Within Clovis, it is a four- to six-lane median-divided arterial west of DeWolf Avenue. East of DeWolf Avenue, Shaw Avenue becomes a conventional two-lane arterial.

Willow Avenue is a north-south roadway is a north-south arterial roadway that generally follows the city limit boundary of Fresno and Clovis. It begins at Friant Road north of Fresno and Clovis, and extends south to become Chestnut Diagonal south of Ashlan Avenue. Within Clovis, Willow Avenue is a four- to six-lane arterial divided by a raised median. The speed limit on Willow Avenue ranges from 45 mph to 50 mph.

Clovis Avenue is a north-south roadway that begins in Clovis at Shepherd Avenue, and extends south across SR 99 to the community of Wildflower. Within Clovis, Clovis Avenue is a four to six lane arterial, with portions that are divided by a median. Within the City, speed limits on Clovis Avenue range from 35 mph to 45 mph.

Temperance Avenue is a north-south roadway that begins in Clovis at Shepherd Avenue, and extends south to the community of Fowler. Within Clovis, Temperance Avenue is primarily a four- to six-lane roadway with portions that are divided by a median. North of SR 168, Temperance Avenue is an arterial roadway. South of SR 168, Temperance Avenue is an expressway.

PUBLIC TRANSPORTATION SYSTEM

Public transportation in Clovis consists of the following services and facilities:

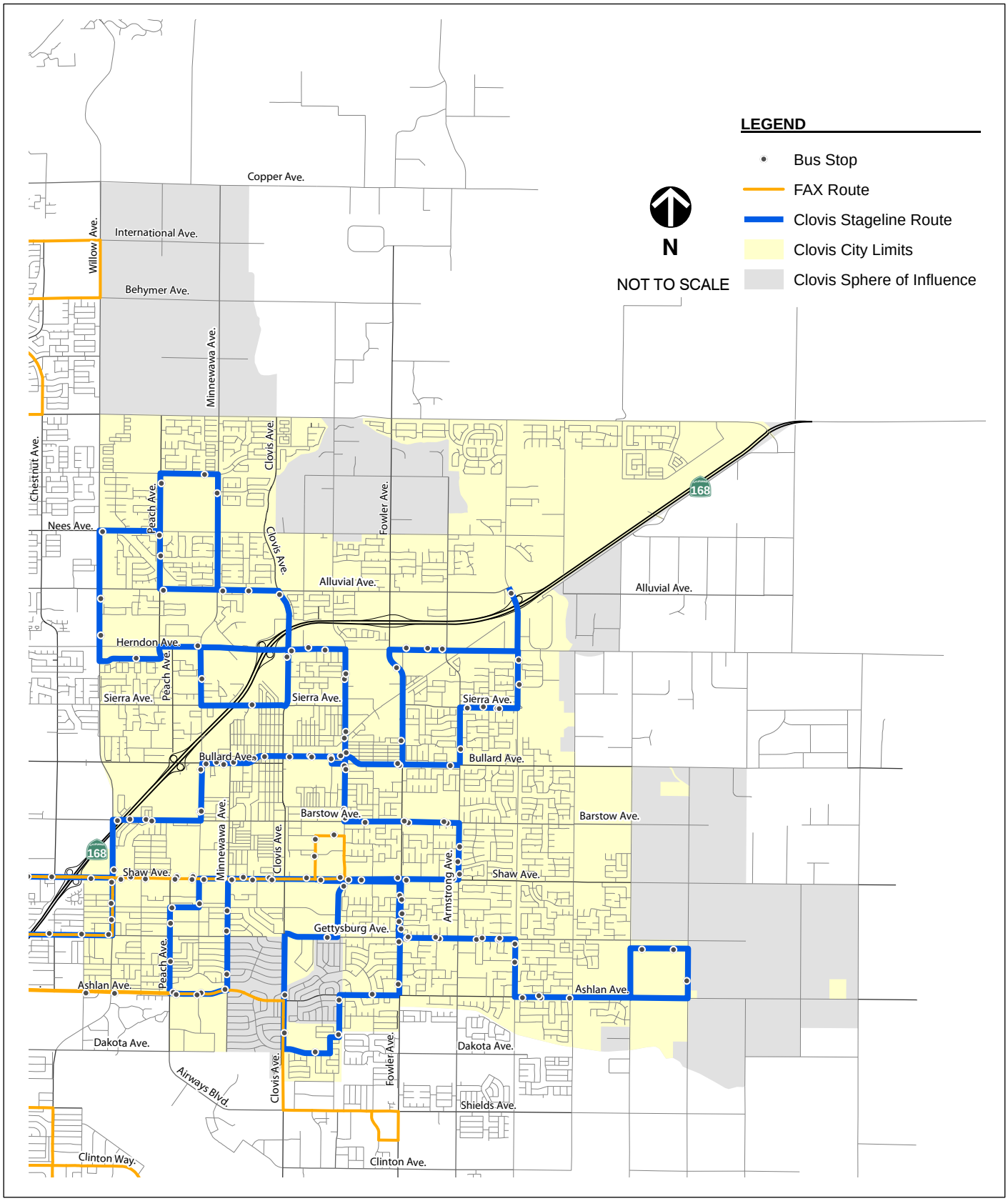
- Public Fixed-Route Bus Service
- Demand Response Paratransit Service

Fixed-Route Bus Service

Fixed route transit service in Clovis is operated by Clovis Transit Stageline and Fresno Area Express (FAX).

Stageline operates from approximately 6:00 AM to 6:40 PM Monday through Saturday on 30-minute headways. The service has two regular routes and one express route (runs on school days only). Additionally, FAX Route 9 operates in Clovis along Shaw Avenue weekdays 6:40 a.m. to 7:30 p.m. and weekends 8:15 a.m. to 3:30 p.m. on 30 minute headways. FAX Route 28 also provides service along Shaw Avenue west of Willow Avenue and on Willow Avenue south of Shaw Avenue in Clovis weekdays 6:15 a.m. to 9:30 p.m. and weekends 6:55 a.m. to 6:50 p.m. Fax Route 28 operates on 15 to 20 minute headways on weekdays and 30-minute headways on weekends.

Clovis Stageline Route 10 intersects both FAX Route 9 and 28 on Shaw Avenue to allow for transfers into the City of Fresno. Clovis Stageline Route 50 also intersects FAX Route 9 near the Sierra Vista Mall on Shaw Avenue for transfers. See Figure 4 for fixed-route bus service routes in the City of Clovis.



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EXISTING TRANSIT SERVICE

FIGURE 4

Demand Response Paratransit

Round Up is the demand-response transit provider that serves as Clovis' complimentary paratransit service under the Americans with Disabilities Act (ADA). Passengers that are at least 65 years old or disabled may apply for ADA status to receive service on Round Up. Round Up offers curb-to-curb shared ride service within Clovis, Fresno, and nearby areas. Round Up operates from 6:15 AM to 6:15 PM Monday through Friday and from 7:30 AM to 3:30 PM on weekends (weekend service limited to destinations within the Clovis city limits).

BICYCLE FACILITIES

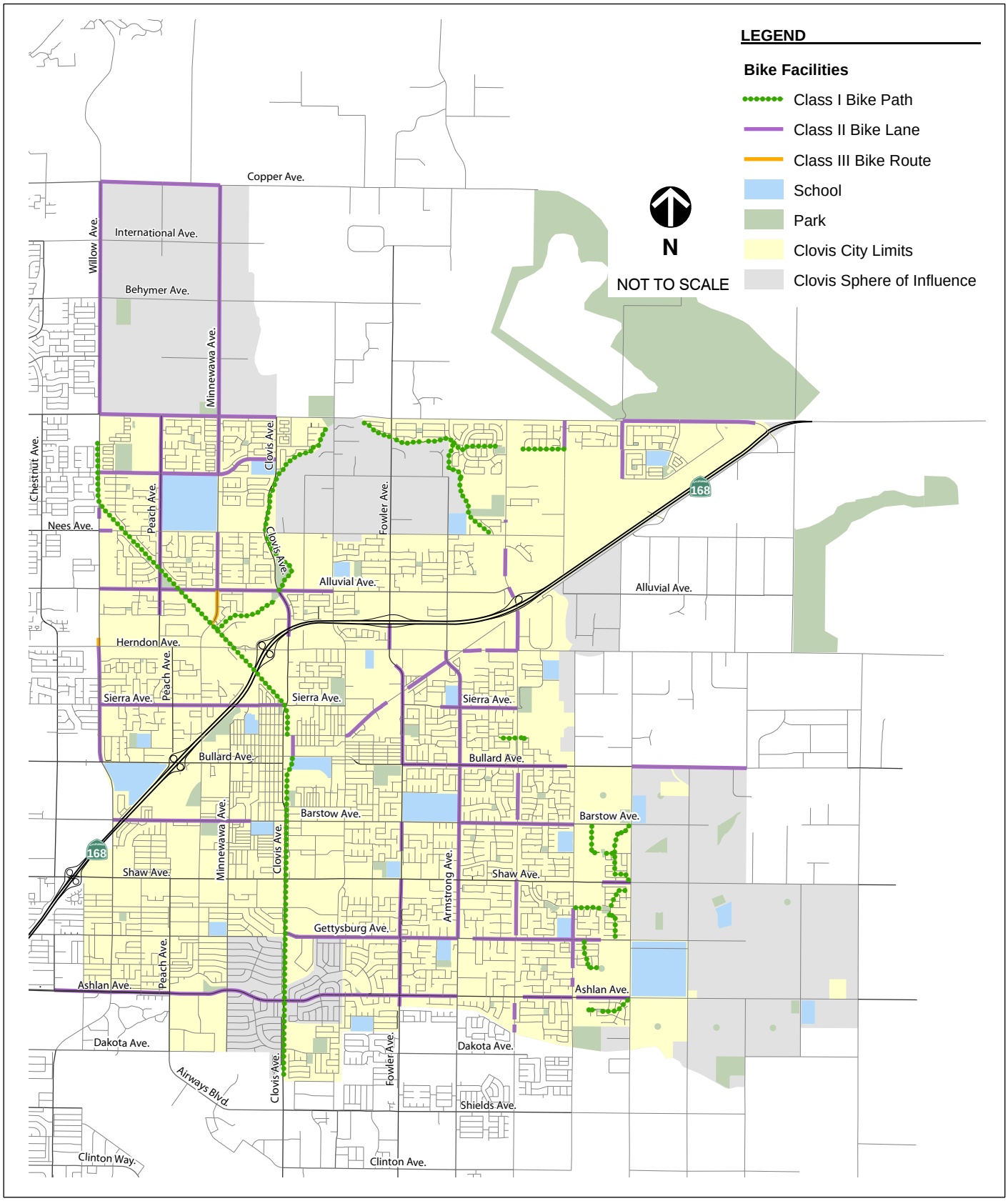
Bicycle facilities can be classified into one of the following three categories:

- Class I Bike Path – Off-street bike paths within exclusive right-of-way
- Class II Bike Lane – Striped, stenciled, and signed on-road bike lanes adjacent to the outside travel lane on preferred corridors for biking
- Class III Bike Route – Shared on-road facility, usually delineated by signage

The City of Clovis adopted the Clovis Bicycle Transportation Plan in May 2011. The plan identifies existing and planned bicycle facilities within Clovis. The Clovis Bicycle Transportation Plan lays out a system of Class I bikeways along portions of Herndon Avenue, Dry Creek, Gould Canal, Enterprise Canal, and former railroad right-of-way. The system is designed to interconnect with Class I facilities in the City of Fresno and Fresno County. Construction has been completed on the Old Town Trail spanning the entire length of the City from the northwestern corner to the southern border with the City of Fresno. Other completed trails include facilities along Dry Creek and the Enterprise Canal. Existing Class II facilities include bicycle lanes along portions of Alluvial Avenue, Armstrong Avenue, Ashlan Avenue, Barstow Avenue, Bullard Avenue, Gettysburg Avenue, Minnewawa Avenue, Peach Avenue, Sierra Avenue, Teague Avenue, and Willow Avenue. Figure 4 shows the existing bicycle facilities in Clovis.

PEDESTRIAN FACILITIES

Improved pedestrian facilities generally consist of sidewalks and pedestrian crossings at intersections. Most roadways within Clovis have sidewalks; however, gaps do exist within the system. In addition to improved pedestrian facilities, the City of Clovis has numerous trails and pathways, including the Class I facilities discussed above.



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EXISTING BICYCLE FACILITIES

FIGURE 5

GOODS MOVEMENT SYSTEM

State Route 168 within Clovis has been designated as a truck route by Caltrans. Clovis has not designated additional truck routes within the City.

AVIATION FACILITIES

No aviation facilities are located within the City of Clovis or the Clovis Planning Area. The Fresno Yosemite International Airport is located immediately southwest of Clovis in the City of Fresno. Air travel patterns into and out of the Fresno Yosemite International Airport are primarily along a northwest-southeast orientation. This primary air travel pattern results in air traffic traveling above the City of Fresno with minimal transportation related affects on adjacent areas in the City of Clovis.

EXISTING TRAFFIC VOLUMES & ROADWAY OPERATIONS

Traffic count data was compiled from a variety of sources. The City of Clovis and City of Fresno provided databases of traffic count data for roadways within their respective cities. The City of Clovis traffic count data also included traffic counts for County of Fresno roadways within the Planning Area for the General Plan. Traffic counts for SR 168 were compiled from a combination of data obtained from Caltrans staff and from Caltrans Performance Management System (PeMS). Traffic count data used in this study were collected between 2009 and 2012. In addition, several new traffic counts were collected in October 2012 to supplement the other traffic count data.

The existing conditions roadway operations analysis uses these traffic counts and the hourly LOS volume thresholds presented in Table 4.

ROADWAY OPERATIONS

Appendix A provides the AM and PM peak hour volumes and roadway LOS results for all study roadway segments under existing conditions. As noted in the regulatory setting section, the current City of Clovis and City of Fresno level of service (LOS) policies identify LOS D as the lowest acceptable LOS. The County of Fresno allows LOS D conditions within the sphere of influence (SOI) of Fresno and Clovis, and strives to maintain LOS C conditions for all other County roadways. Caltrans Transportation Concept Report (TCR) for State Route (SR) 168 identifies LOS D as the Concept LOS.

Based on these policies, the following study roadway segments currently operate worse than the applicable LOS standard during either the AM or PM peak hours:

- Herndon Avenue: DeWolf Avenue to McCall Avenue (LOS D in AM and PM peak hours)
- Shaw Avenue: DeWolf Avenue to McCall Avenue (LOS D in AM and PM peak hours)

- Shaw Avenue: McCall Avenue to Academy Avenue (LOS D in PM peak hour)
- Ashlan Avenue: Minnewawa Avenue to Clovis Avenue (LOS F in PM peak hour)

Other than the segment of Ashlan Avenue between Minnewawa Avenue and Clovis Avenue, all study roadway segments operate at LOS D or better. Table 5 provides a summary of the roadway LOS results for existing conditions.

TABLE 5: EXISTING CONDITIONS – ROADWAY SEGMENT LOS SUMMARY

Level of Service	Number of Roadway Segments by Jurisdiction				Total
	City of Clovis	City of Fresno	County of Fresno	Caltrans	
AM Peak Hour					
LOS C or better	109	20	28	17	174
LOS D	6	3	11	2	22
LOS E	0	0	0	0	0
LOS F	0	0	0	0	0
PM Peak Hour					
LOS C or better	102	15	29	18	164
LOS D	13	8	9	1	31
LOS E	0	0	0	0	0
LOS F	0	0	1	0	1

Source: Fehr & Peers.

VEHICLE MILES OF TRAVEL

Vehicle miles of travel (VMT) is another measure of the level of vehicle travel within in area. For this study, we used the Fresno COG TDF model to estimate the existing VMT levels for traffic within the Clovis Planning Area. Table 6 presents the existing VMT for the following trip types by time of day:

- Internal-Internal: Trips that travel within the Clovis Planning Area
- Internal-External: Trips that travel from the Clovis Planning Area to locations outside the Clovis Planning Area
- External-Internal: Trips that travel to the Clovis Planning area from locations outside the Clovis Planning Area

TABLE 6: EXISTING VMT BY TRIP TYPE – CLOVIS PLANNING AREA

Trip Type	AM Peak Period	PM Peak Period	Off-Peak Period	Daily
Internal-Internal	44,942	57,502	131,230	233,674
Internal-External	176,591	158,764	413,535	748,890
External-Internal	115,268	214,203	418,395	747,866
Total	**336,801**	**430,469**	**963,160**	**1,730,430**

Notes: AM Peak Period is 6-9 a.m.; PM Peak Period is 3-6 p.m.; Off-Peak Period includes all travel outside the AM and PM peak periods.

Source: Fehr & Peers, 2012 – Fresno COG TDF Model, 2005.

III. YEAR 2035 PLUS PROPOSED GENERAL PLAN

This chapter presents the transportation analysis for the Year 2035 Plus Proposed General Plan scenario.

PROPOSED GENERAL PLAN – YEAR 2035 CONDITIONS

The Clovis General Plan Update includes land use and mobility plans to support future development within the City of Clovis. Build out of the proposed General Plan is not expected to occur until well beyond 2050 based on the proposed land use plan and current population and employment forecasts for the City of Clovis. However, currently available transportation tools and regional land use projections limit the ability to conduct quantitative traffic analysis using reasonably foreseeable inputs to the 2035 horizon year of the current Fresno COG TDF model. Since the Fresno COG TDF model is limited to forecasting year 2035 conditions, the quantitative traffic analysis for this study analyzes projected year 2035 conditions with the proposed General Plan.

YEAR 2035 TRAVEL DEMAND FORECASTING MODEL DEVELOPMENT

The 2035 Fresno COG TDF model uses land use and transportation inputs associated with year 2035 conditions. This includes land use projections for Fresno County based on existing general plans and 2035 population and employment forecasts. The model also includes funded transportation improvements that are expected to be complete by 2035 based on the list of projects and funding identified in the 2011 Fresno COG RTP.

As noted earlier, the proposed General Plan is expected to have capacity to accommodate growth well beyond 2050. For the 2035 traffic analysis modeling, the land use data for the proposed General Plan needed to reflect 2035 conditions for Clovis to maintain the integrity of the 2035 Fresno COG TDF model. Therefore, PlaceWorks developed land use data for the Clovis Planning Area to reflect anticipated growth in population and employment for the Clovis Planning Area by 2035 with the proposed General Plan Update.

The 2035 model was modified to reflect these proposed 2035 land use and transportation conditions for the City of Clovis using the proposed General Plan Update. Outside the City of Clovis, the rest of the 2035 Fresno COG TDF model land use and transportation inputs remained consistent with the original 2035 model.

2035 City of Clovis General Plan Update Land Use Inputs

To allocate the growth anticipated by 2035 with the proposed General Plan Update geographically, PlaceWorks staff identified the area that is anticipated to develop according to the proposed land use

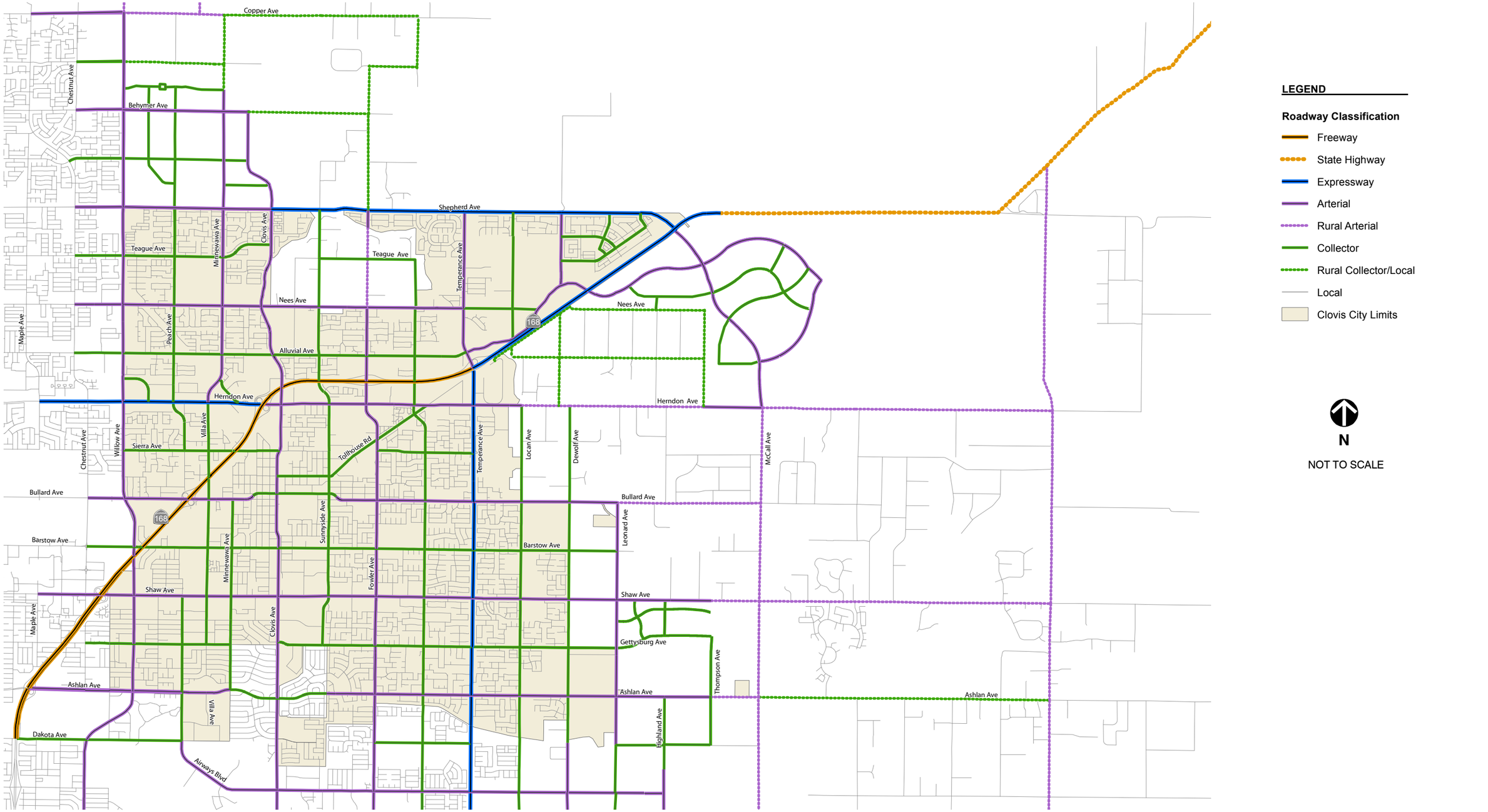
plan as part of the City of Clovis by 2035. Appendix B shows this anticipated growth area bounded by the dashed red line. The areas beyond this 2035 growth area is expected to experience less intense growth based on existing rural land use patterns and will remain part of the County of Fresno.

It is understood that the 2035 growth area is not a hard and fast growth boundary, but the estimated geographic area that is anticipated to develop within the 2035 timeframe given forecasted market conditions, population and employment projections, and other development constraints such as growth policies or water supply issues.

2035 City of Clovis General Plan Update Transportation Network

For the 2035 Plus Project analysis, the transportation network within the Clovis Planning Area reflects the 2035 land use scenario described above. This means that the transportation network supports urban-scale development as part of the City within the 2035 area shown in Exhibit B and acknowledges that roadways beyond the 2035 area would remain in the County of Fresno's jurisdiction. Therefore, the 2035 Plus Proposed General Plan Update transportation network within the Clovis Planning Area only includes improvements from the Mobility Plan within the 2035 areas shown in Exhibit B.

Since the amount of growth is less in 2035 than at build out of the proposed General Plan, some roadways would not need to be constructed to their full build-out configuration. This is also reflected in the 2035 transportation network. Figures 6 and 7 show the 2035 roadway functional classification and number of lanes for the major roadways in Clovis, respectively.



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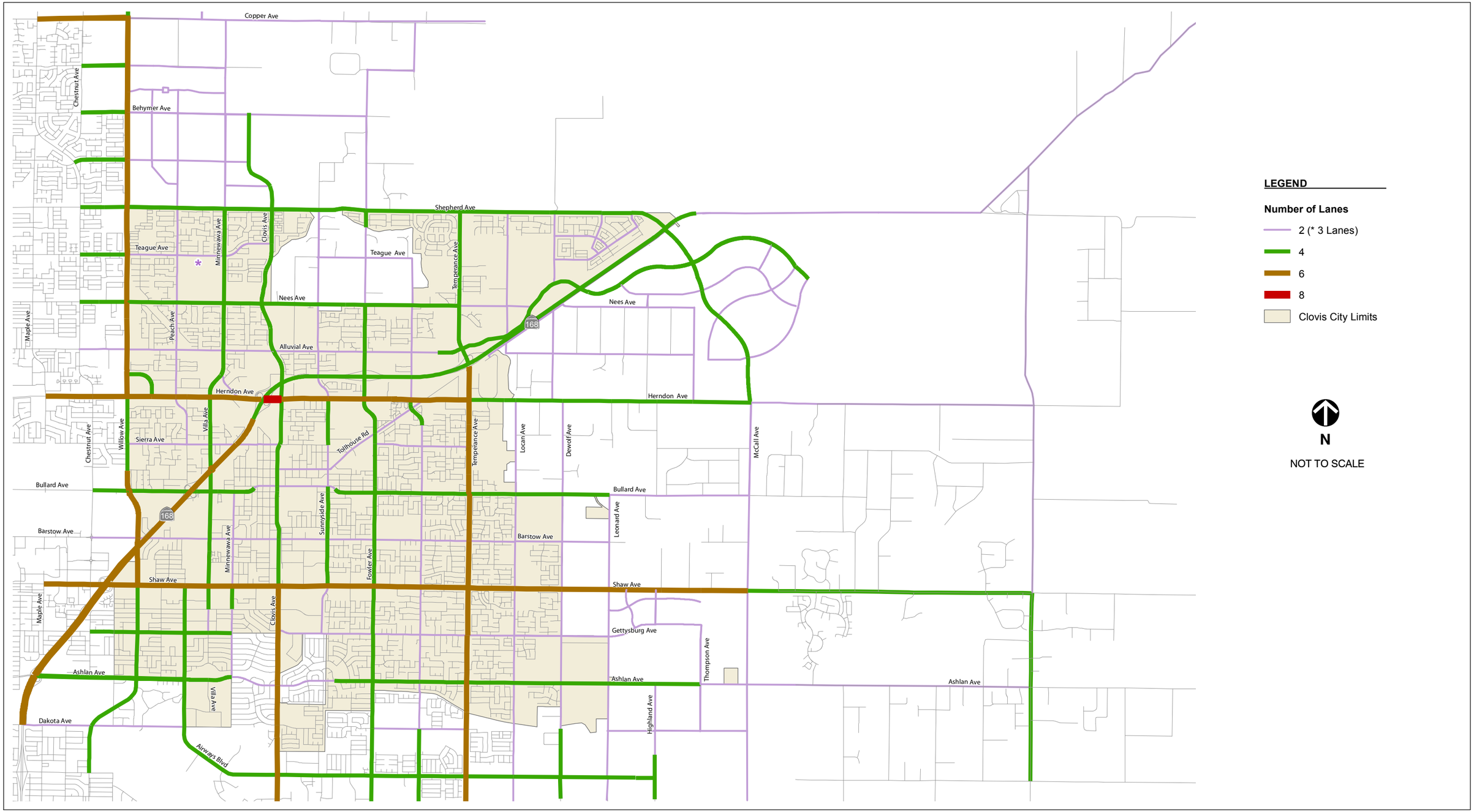
2035 PLUS PROPOSED GENERAL PLAN ROADWAY NETWORK - ROADWAY CLASSIFICATIONS

FIGURE 6



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2035 PLUS PROPOSED GENERAL PLAN ROADWAY NETWORK - NUMBER OF LANES

FIGURE 7

2035 PLUS PROPOSED GENERAL PLAN ROADWAY OPERATIONS

TRAFFIC FORECASTS

The traffic generated by the proposed General Plan Update will be caused by future development within the project area. The amount of future development anticipated to occur by 2035 within the City of Clovis Planning Area used in this study is based on the land use information provided by PlaceWorks. This project related traffic was assigned to the transportation system using the following three-step process:

1. Trip Generation – estimates the amount of traffic generated by the proposed plans based on the planned land uses
2. Trip Distribution – distributes project trips based on origins and destinations in the region
3. Trip Assignment – assigns project trips to the roadway network based on the proposed project's trip generation and distribution

This study uses the Fresno COG TDF model to generate the traffic assignment for the 2035 conditions. The Fresno COG TDF model uses the process described above to generate its 2035 model volumes.

To account for the model's limitations described in the introduction chapter, this study adjusts project traffic forecasts using a process known as the "difference method," which adjusts raw model volume forecasts based on expected incremental growth from Existing Conditions using the following formula:

2035 Plus Proposed General Plan Forecasts = Existing Traffic Count +
(2035 Plus Proposed General Plan Raw Model Volume – Base Year Raw Model Volume)

ROADWAY OPERATIONS

Appendix A provides the AM and PM peak hour roadway volumes and LOS results for all study roadway segments under 2035 Plus Proposed General Plan conditions. Based on the policies shown in the regulatory setting section, the following study roadway segments would operate worse than the applicable LOS standard during either the AM or PM peak hours:

City of Clovis Roadways

- Minnewawa Avenue: Shaw Avenue to Ashlan Avenue (LOS F in PM peak hour)

County of Fresno Roadways

- Copper Avenue: Willow Avenue to Auberry Road (LOS E in AM peak hour)
- Copper Avenue: Auberry Road to Minnewawa Avenue (LOS F in AM and PM peak hours)

- Behymer Avenue: Clovis Avenue to Fowler Avenue (LOS D in PM peak hour)
- Herndon Avenue: McCall Avenue to Academy Avenue (LOS D in PM peak hour)
- Ashlan Avenue: Minnewawa Avenue to Clovis Avenue (LOS F in AM and PM peak hours)
- Ashlan Avenue: McCall Avenue to Academy Avenue (LOS D in PM peak hour)
- Minnewawa Avenue: Copper Avenue to Behymer Avenue (LOS F in AM and PM peak hours)
- Fowler Avenue: Behymer Avenue to Shepherd Avenue (LOS E in PM peak hour)
- DeWolf Avenue: Herndon Avenue to Bullard Avenue (LOS D in AM and PM peak hour)
- McCall Avenue: Herndon Avenue to Shaw Avenue (LOS F in AM and PM peak hours)
- Academy Avenue: Herndon Avenue to Shaw Avenue (LOS D in PM peak hour)

Caltrans Facilities

- SR 168 Eastbound: McKinley Avenue to Shields Avenue (LOS E in AM and PM peak hours)
- SR 168 Eastbound: Shields Avenue to Ashlan Avenue (LOS E in AM and PM peak hours)
- SR 168 Westbound: Ashlan Avenue to Shields Avenue (LOS E in AM peak hour)
- SR 168 Eastbound: Herndon Avenue to Fowler Avenue (LOS E in PM peak hour)
- SR 168 Westbound: Fowler Avenue to Herndon Avenue (LOS F in AM peak hour; LOS E in PM peak hour)
- SR 168 Westbound: Temperance Avenue to Fowler Avenue (LOS E in AM peak hour)
- SR 168: Temperance Avenue to Owens Mountain Parkway (LOS F in PM peak hour)

The majority of the study roadway segments operate at LOS D or better during the AM and PM peak hours. Table 7 provides a summary of the roadway LOS results for 2035 Plus Proposed General Plan conditions.

TABLE 7: 2035 PLUS PROPOSED GENERAL PLAN UPDATE CONDITIONS – ROADWAY SEGMENT LOS SUMMARY

Level of Service	Number of Roadway Segments by Jurisdiction				Total
	City of Clovis	City of Fresno	County of Fresno	Caltrans	
AM Peak Hour					
LOS C or better	74	8	17	7	106
LOS D	71	17	6	7	101
LOS E	0	0	1	4	5
LOS F	0	0	4	1	5
PM Peak Hour					
LOS C or better	40	8	11	6	65
LOS D	104	17	12	8	141
LOS E	0	0	1	4	5
LOS F	1	0	4	1	6

Source: Fehr & Peers.

VEHICLE MILES OF TRAVEL

Table 8 presents the VMT for 2035 Plus Proposed General Plan conditions. As with the existing conditions VMT information, the VMT data is presented by time of day for trips that travel from, to, and within the Clovis Planning Area.

TABLE 8: 2035 VMT BY TRIP TYPE – CLOVIS PLANNING AREA

Trip Type	AM Peak Period	PM Peak Period	Off-Peak Period	Daily
Internal-Internal	109,423	151,716	370,909	632,048
Internal-External	314,121	367,616	900,362	1,582,099
External-Internal	270,840	412,902	901,064	1,584,806
Total	**694,384**	**932,234**	**2,172,335**	**3,798,953**

Notes: AM Peak Period is 6-9 a.m.; PM Peak Period is 3-6 p.m.; Off-Peak Period includes all travel outside the AM and PM peak periods.
Source: Fehr & Peers, 2013 – Fresno COG TDF Model.

Table 8 shows that overall VMT attributable to the Clovis Planning Area increases to roughly 3.8 million miles of travel per day with the proposed level of development anticipated by 2035 with the proposed General Plan Update. It is important to note that traditional TDF models cannot fully capture the benefits of land use, transportation, and urban design policies that reduce VMT. Extensive research has shown that

various planning techniques can reduce vehicle trip, increase non-automobile mode share, reduce trip lengths, and reduce VMT. Increases in development density and intensity are correlated with reduced vehicle trips. Mixing complementary uses in a neighborhood setting increase internal trip "capture." Many different urban design approaches are used to increase transportation connectivity and provide high-quality bicycle, pedestrian, and transit facilities. This increases the relative attractiveness of non-automobile modes of travel, and can promote travel mode shifts.

Increases in travel demand is not itself an adverse physical environmental impact, but rather causes a variety of impacts. Transportation is the largest source of greenhouse gases in California and transportation is a major source of toxic air contaminants and particulate matter. Traffic is a major source of noise in the planning area, and therefore increases in travel demand lead to noise impacts. Transportation is the largest user of energy in California, as well, and therefore impacts related to energy use relate closely to travel demand (U.S. Energy Information Administration 2010, Laurence Berkeley National Laboratory 2005).

IV. FULL BUILD OUT OF PROPOSED GENERAL PLAN

This chapter presents the transportation evaluation for the Full Build Out of the Proposed General Plan scenario. This full build out traffic evaluation assesses the potential changes in traffic patterns associated with build out of the proposed General Plan compared to year 2035 conditions.

BUILD OUT OF THE PROPOSED GENERAL PLAN

As noted in the previous chapter, build out of the proposed Clovis General Plan Update is not expected to occur until well beyond 2050 based on the proposed land use plan and current population and employment forecasts for the City of Clovis. However, the available transportation tools and regional land use projections do not provide a means to analyze future year traffic conditions with reasonably foreseeable land use and transportation improvements beyond 2035. Therefore, this build out evaluation does not conduct a detailed analysis of future traffic operations, but is an assessment of the potential changes in traffic patterns and estimate of traffic growth associated with build out of the proposed General Plan.

METHODOLOGY AND LIMITATIONS

Like the 2035 analysis, the full build out traffic evaluation uses a modified version of the Fresno COG TDF model. Since the horizon year of the 2011 Fresno COG RTP is 2035, Fresno COG has not developed a TDF model with land use and transportation inputs that correspond with the timing of build out of the proposed Clovis General Plan Update. However, the Fresno COG TDF model remains the preferred and state-of-the-practice tool for forecasting future traffic conditions in Fresno County.

Land Use Inputs

PlaceWorks staff developed land use data for the Clovis Planning Area to reflect build out of the proposed General Plan Update. Based on the demographic forecasts PlaceWorks had prepared for Fresno COG in 2012 and the amount of development that can be accommodated with the proposed General Plan Update, PlaceWorks staff estimated that full build out of the proposed General Plan Update would occur approximately in 2080. Since Fresno COG does not have a TDF model that corresponds with 2080 conditions, PlaceWorks staff also provided an estimate for population and employment growth for Fresno County through 2080 by extending projections from the *San Joaquin Valley Demographic Forecasts 2010-2050* published by Fresno COG and prepared by PlaceWorks in 2012. This background growth was incorporated into the build out model to reflect a rough estimate of growth in the remainder of Fresno County at the time of build out of the proposed Clovis General Plan.

Transportation Network Inputs

Within the Clovis Planning Area, the build out evaluation uses the full roadway network proposed as part of the General Plan Update. Since the horizon year of the 2011 Fresno COG RTP is 2035, it is speculative to determine what transportation improvements would occur by 2080. Therefore, outside the Clovis Planning Area, only the financially-constrained transportation improvements identified in the 2011 Fresno COG RTP are included.

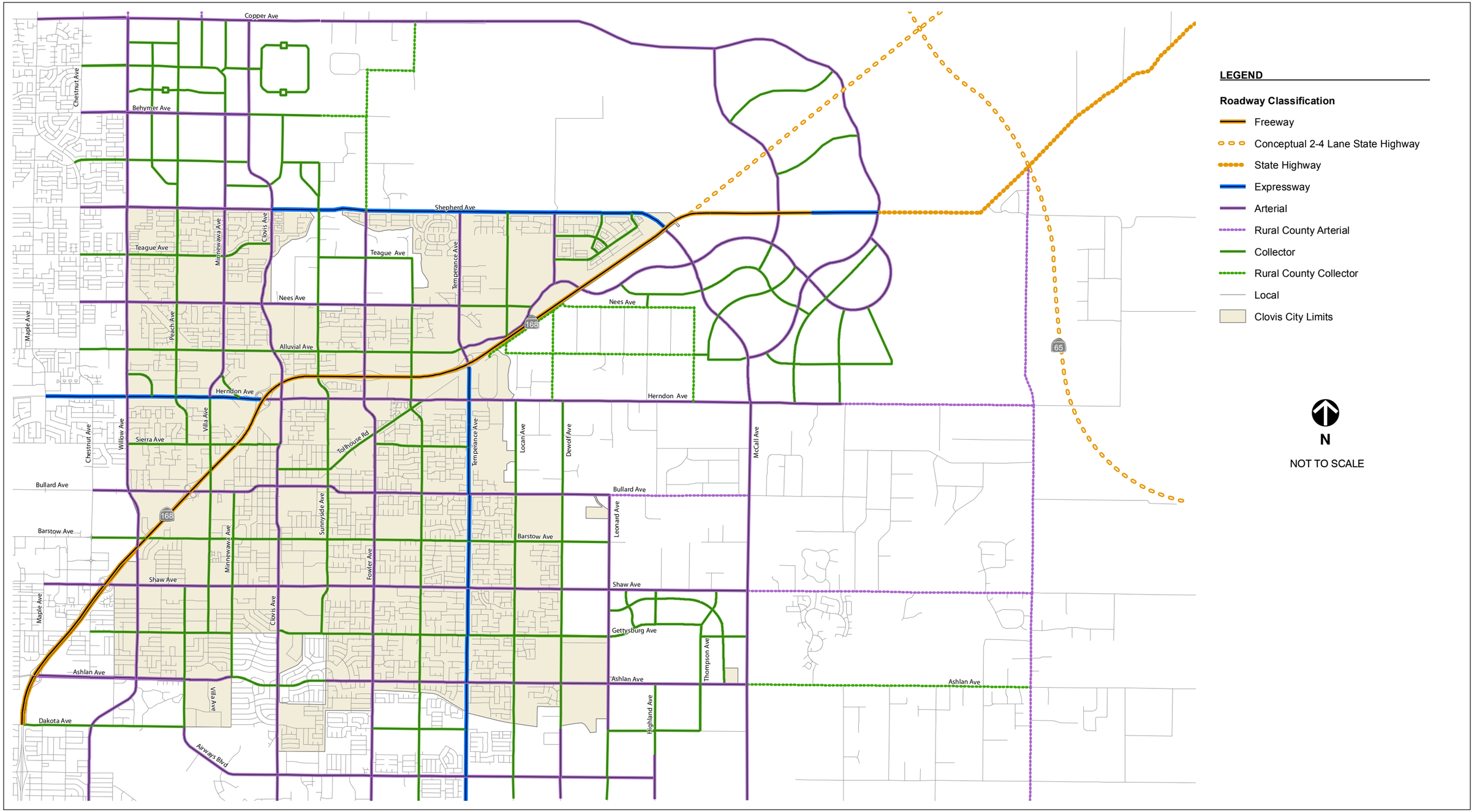
Limitations

Although the Fresno COG TDF model is the best tool available to forecast future traffic conditions, it is important to note that the model develops traffic forecasts based on current travel behavior, which may no longer be applicable for long-term future conditions. Changes in technology, demographics, and economic conditions particularly over a long time frame (e.g., 40+ years) may affect people's travel behavior in ways that are not captured by the model and would be speculative to predict at this time.

The proposed build out circulation network is based on the forecasted traffic patterns from the Fresno COG TDF model. Given the limitations identified above, we recommend that the build out circulation system be reviewed and modified over time, as needed. As newer versions of TDF models are available, updated traffic forecasts that represent build out conditions should be used to verify the proposed circulation system.

BUILD OUT CIRCULATION SYSTEM

Figures 8 and 9 show the roadway functional classification and number of lanes for the major roadways in Clovis, respectively, with build out of the proposed General Plan Update.



FEHR PEERS

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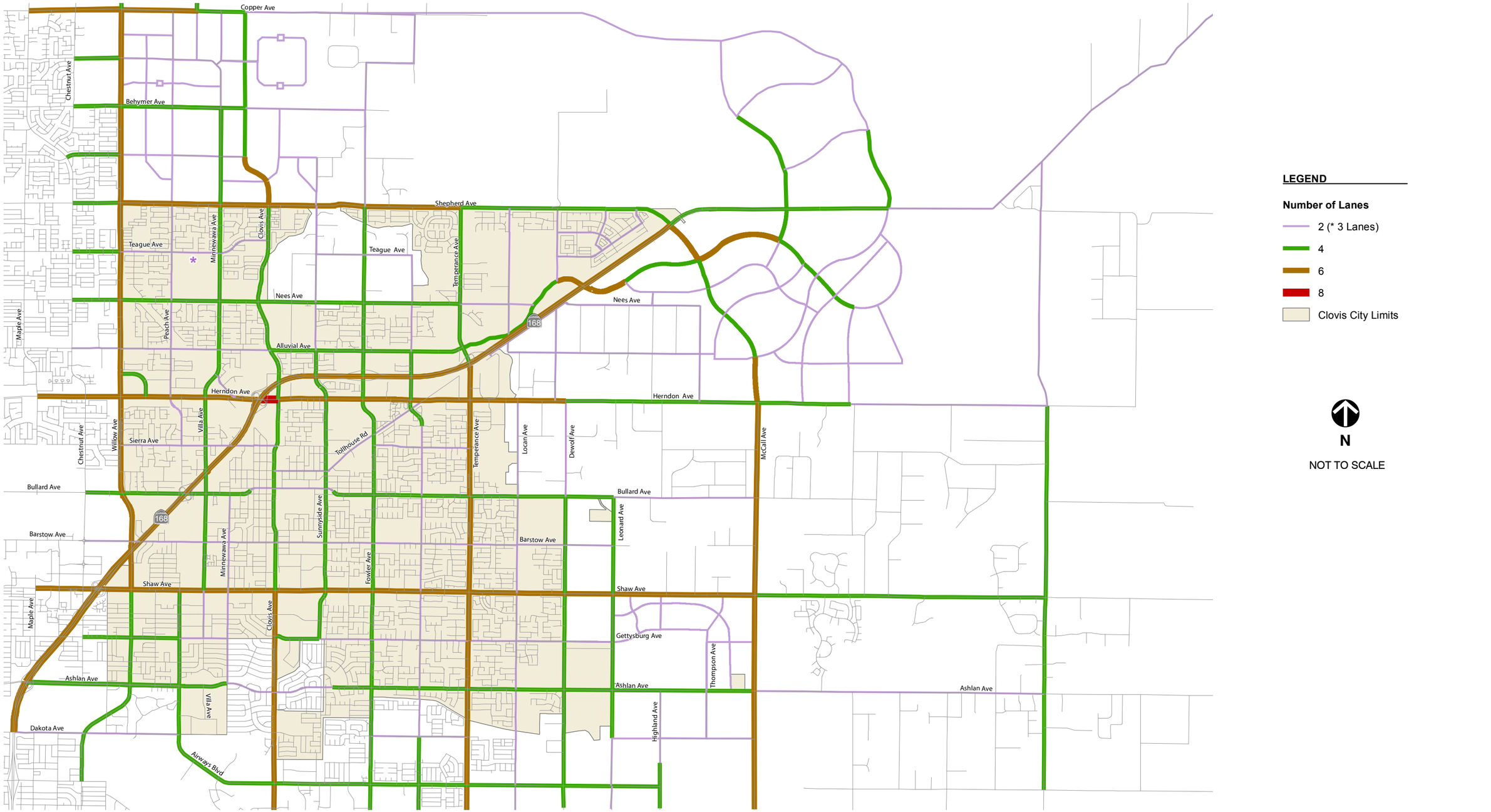
PROPOSED GENERAL PLAN BUILD OUT ROADWAY NETWORK - ROADWAY CLASSIFICATIONS

FIGURE 8



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PROPOSED GENERAL PLAN BUILD OUT ROADWAY NETWORK - NUMBER OF LANES

FIGURE 9

CHANGES TO TRANSPORTATION SYSTEM

Northwest Urban Center

Build out of the proposed General Plan would result in additional development in the Northwest Urban Center than anticipated under the 2035 scenario. Based on traffic growth from this additional development, we would recommend the following changes to the circulation system compared to year 2035 conditions:

- New roadways north and east of the Enterprise Canal to serve new development
- Copper Avenue: Willow Avenue to Auberry Road – 2 lanes to 6 lanes
- Copper Avenue: Auberry Road to Clovis Avenue – 2 lanes to 4 lanes
- Behymer Avenue: Willow Avenue to Clovis Avenue – 2 lanes to 4 lanes
- Minnewawa Avenue: Shepherd Avenue to Behymer Avenue – 2 lanes to 4 lanes
- Clovis Avenue: extended north from Behymer Avenue to Copper Avenue as a 4-lane arterial
- Clovis Avenue: Shepherd Avenue to Perrin Avenue – 4 lanes to 6 lanes

Northeast Urban Center

Build out of the proposed General Plan would result in additional development in the Northeast Urban Center than anticipated under the 2035 scenario. Based on traffic growth from this additional development, we would recommend the following changes to the circulation system compared to year 2035 conditions:

- New roadways north of SR 168 and east of McCall Avenue to serve new development
- Owens Mountain Parkway: DeWolf Avenue to "Muncie Avenue" (east-west collector street east of SR 168) – 4 lanes to 6 lanes
- Owens Mountain Parkway: McCall Avenue to "Dockery Avenue" (north-south arterial street east of McCall Avenue in Northeast Urban Center) – 4 lanes to 6 lanes
- Herndon Avenue: McCall Avenue to "Del Rey Avenue" (north-south collector street west of Academy Avenue in Northeast Urban Center) – 2 lanes to 4 lanes
- McCall Avenue: SR 168 to Owens Mountain Parkway – 4 lanes to 6 lanes
- McCall Avenue: north of Herndon Avenue – 4 lanes to 6 lanes

Loma Vista

Build out of the proposed General Plan would result in additional development in the Loma Vista Specific Plan area than anticipated under the 2035 scenario. Based on traffic growth from this additional development, we would recommend the following changes to the circulation system compared to year 2035 conditions:

- New roadways east of Thompson Avenue to serve new development
- Ashlan Avenue: Thompson Avenue to McCall Avenue – 2 lanes to 4 lanes
- DeWolf Avenue: Bullard Avenue south to City Limits – 2 lanes to 4 lanes
- Leonard Avenue: Bullard Avenue south to City Limits – 2 lanes to 4 lanes

Remainder of City of Clovis

Outside of the three urban centers (Northwest, Northeast, and Loma Vista), additional growth in the City of Clovis and the region would increase traffic volumes on roadways in Clovis under the full build out scenario. Based on this growth in traffic, we would recommend the following changes to the circulation system compared to year 2035 conditions:

- Shepherd Avenue: Willow Avenue to Temperance Road – 4 lanes to 6 lanes
- Alluvial Avenue: Clovis Avenue to Temperance Avenue – 2 lanes to 4 lanes
- Herndon Avenue: Temperance Avenue to DeWolf Avenue – 4 lanes to 6 lanes
- Gettysburg Avenue: Clovis Avenue to Sierra Vista Parkway – 2 lanes to 4 lanes
- Willow Avenue: Herndon Avenue to Escalon Avenue – 4 lanes to 6 lanes
- Sunnyside Avenue: Alluvial Avenue to Fifth Street – 2 lanes to 4 lanes
- Fowler Avenue: Enterprise Canal to Nees Avenue – 2 lanes to 4 lanes
- Armstrong Avenue: Alluvial Avenue to Herndon Avenue – 2 lanes to 4 lanes

Changes to County of Fresno Facilities

Build out of the proposed General Plan along with the background regional growth assumed in the build out scenario would increase traffic volumes on County of Fresno roadways within and adjacent to the Clovis Planning Area. This growth in traffic would likely require larger roadways to handle the additional traffic, including the following recommended changes compared to year 2035 conditions:

- McCall Avenue: Herndon Avenue to SR 180 – 2 lanes to 6 lanes
- Academy Avenue: Herndon Avenue to Shaw Avenue – 2 lanes to 4 lanes

Changes to Caltrans Facilities

Build out of the proposed General Plan along with background regional growth assumed in the build out scenario would increase traffic demand on SR 168 in the Clovis Planning Area. Growth in the Sierra Gateway Commerce Center and Northeast Urban Center in particular would contribute to traffic growth on SR 168 likely requiring the following recommended changes:

- SR 168: Herndon Avenue to Temperance Avenue – widen from 4 lanes to 6 lanes
- SR 168: Temperance Avenue to Shepherd Avenue/McCall Avenue – widen from 4 lanes to 6 lanes and improve to freeway standards with new interchanges at:
  - Owens Mountain Parkway
  - Shepherd Avenue/McCall Avenue
- SR 168: Shepherd Avenue/McCall Avenue to "Dockery Avenue" – widen from 2 to 4 lanes and improve to freeway standards with new interchange at "Dockery Avenue"
- SR 168: east of "Dockery Avenue" to east of "Indianola Avenue" (north-south arterial west of Academy Avenue in Northeast Urban Center) – improve to expressway standards and widen from 2 lanes to 4 lanes

In addition, Caltrans has long-term plans to potentially construct an extension of SR 65 from Tulare County to Madera County traveling east of Clovis. While this new facility is not funded and does not have a projected opening date, Figure 8 shows an illustrative potential alignment through the northeastern section of the Clovis Planning Area. The actual alignment of SR 65 would be determined and refined through future planning studies.

VEHICLE MILES OF TRAVEL

Table 9 presents the VMT for Build Out of the Proposed General Plan conditions. As with the previous VMT information, the VMT data is presented by time of day for trips that travel from, to, and within the Clovis Planning Area.

TABLE 9: BUILD OUT VMT BY TRIP TYPE – CLOVIS PLANNING AREA

Trip Type	AM Peak Period	PM Peak Period	Off-Peak Period	Daily
Internal-Internal	268,702	386,730	993,817	1,649,249
Internal-External	459,550	617,891	1,529,386	2,606,827
External-Internal	459,836	647,823	1,503,755	2,611,414
Total	**1,188,088**	**1,652,444**	**4,026,958**	**6,867,490**

Notes: AM Peak Period is 6-9 a.m.; PM Peak Period is 3-6 p.m.; Off-Peak Period includes all travel outside the AM and PM peak periods.
Source: Fehr & Peers, 2013 – Fresno COG TDF Model.

Table 9 shows that overall VMT attributable to the Clovis Planning Area increases to roughly 6.9 million miles of travel per day with the build out of the proposed General Plan Update, according to the Fresno COG TDF model outputs. As noted earlier in this chapter and this report, the TDF model used to develop this VMT data has several limitations that influence the VMT information. These include a limited ability to reflect the changes in technology, demographics, and economic conditions that may affect people's travel behavior particularly when looking many years into the future, along with limitations in being able to fully capture the benefits of land use, transportation, and urban design policies that reduce VMT.

V. IMPACT ASSESSMENT

This chapter documents the potentially significant effects of the proposed City of Clovis General Plan Update on transportation and traffic conditions for use in the environmental document. This study uses the regulatory setting information in Chapter 1 and the California Environmental Quality Act (CEQA) Guidelines to identify significance thresholds, and identifies potentially significant effects based on the analysis results presented in previous chapters.

SIGNIFICANCE CRITERIA

Based on the state and local policies and regulations listed in the regulatory setting in Chapter 1 and the Appendix G Environmental Checklist from the CEQA Guidelines listed below, this study uses the following criteria to determine if the project causes a significant impact.

According to the Appendix G Environmental Checklist, a project may have a significant impact related to transportation and traffic if the projects would:

a. Conflict with an applicable plan, ordinance or policy establishing measures of effectiveness for the performance of the circulation system, taking into account all modes of transportation including mass transit and non-motorized travel and relevant components of the circulation system, including but not limited to intersections, streets, highways and freeways, pedestrian and bicycle paths, and mass transit?

b. Conflict with an applicable congestion management program, including, but not limited to, level of service standards and travel demand measures, or other standards established by the county congestion management agency for designated roads or highways?

c. Result in a change in air traffic patterns, including either an increase in traffic levels or a change in location that results in substantial safety risks?

d. Substantially increase hazards due to a design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)?

e. Result in inadequate emergency access?

f. Conflict with adopted policies, plans, or programs regarding public transit, bicycle, or pedestrian facilities, or otherwise decrease the performance or safety of such facilities?

TRAFFIC OPERATIONS THRESHOLDS

As it relates to criterion (a) shown above, the following describes the specific traffic thresholds for local and state roadway facilities based on the applicable plans and policies listed in the regulatory setting in Chapter 1.

City of Clovis

Based on the policies in the currently adopted City of Clovis 1993 General Plan, the proposed project would cause a significant impact to traffic operations by conflicting with applicable LOS policies if the project would:

- Cause a City of Clovis roadway operating at an acceptable LOS to operate at an unacceptable LOS
- Result in an increase of the v/c ratio by 0.05 for a City of Clovis facility that currently operates at an unacceptable LOS (LOS E or F)

City of Fresno

Based on the policies in the City of Fresno General Plan and the City of Fresno *Traffic Impact Study Report Guidelines*, the proposed project would cause a significant impact to traffic operations by conflicting with applicable LOS policies if the project would:

- Cause a City of Fresno roadway operating at an acceptable LOS to operate at an unacceptable LOS
- Result in an increase of the v/c ratio by 0.05 for a City of Fresno facility that currently operates at an unacceptable LOS (LOS E or F)

County of Fresno

Based on the policies in the County of Fresno 2000 General Plan, the proposed project would cause a significant impact to traffic operations by conflicting with applicable LOS policies if the project would:

- Cause a County of Fresno roadway operating at an acceptable LOS (LOS D or better within the City of Fresno and City of Clovis Sphere of Influence (SOI), LOS C outside the City of Fresno and City of Clovis SOI) to operate at an unacceptable LOS
- Result in an increase of the v/c ratio by 0.05 for a County of Fresno facility that currently operates at an unacceptable LOS (LOS E or F within the City of Fresno and City of Clovis SOI; LOS D, E, or F outside the City of Fresno and City of Clovis SOI)

Caltrans

In coordination with *Guide for the Preparation of Traffic Impact Studies*, the proposed project would cause a significant impact if it would:

- Cause a Caltrans facility operating at an acceptable LOS to operate at an unacceptable LOS (i.e., LOS E or F)
- Result in an increase of the applicable measure of effectiveness (i.e., v/c ratio) on a Caltrans facility that currently operates at an unacceptable LOS (LOS E or F)

TRANSIT, BICYCLE, AND PEDESTRIAN FACILITIES

As noted in criterion (f) in the Appendix G Environmental Checklist, the proposed General Plan Update may result in a significant impact if the project would conflict with adopted policies, plans, or programs regarding public transit, bicycle, or pedestrian facilities, or otherwise decrease the performance or safety of such facilities.

The City of Clovis, City of Fresno, County of Fresno, and Caltrans have not identified specific thresholds for impacts on transit, bicycle, and pedestrian facilities. However, based on the criterion in the Appendix G Environmental Checklist and the local plans and policies related to transit, bicycle, and pedestrian travel, this study uses the following criteria: the project would cause a significant impact to the transit system, bicycle network, and/or pedestrian facilities if it would:

- Disrupt or interfere with existing or planned public transit services or facilities
- Create an inconsistency with policies concerning transit systems set forth in an applicable General Plan or other applicable adopted policy document
- Disrupt or interfere with existing or planned bicycle/pedestrian facilities
- Result in unsafe conditions for pedestrians, including unsafe pedestrian/bicycle or pedestrian/vehicle conflicts
- Result in unsafe conditions for bicycles, including unsafe bicycle/pedestrian or bicycle/vehicle conflicts
- Create an inconsistency with policies related to bicycle or pedestrian systems set forth in an applicable General Plan, Bicycle Plan, or other applicable adopted policy document

IMPACTS AND MITIGATION MEASURES

The remainder of this chapter identifies the potentially significant effects of the proposed City of Clovis General Plan Update on transportation and traffic conditions for use in the environmental document based on the significance criteria presented above. The significant impacts and suggested mitigation measures below are specifically for the 2035 scenario for the proposed General Plan Update.

TRAFFIC INCREASE

Impact 1a **The addition of project traffic to the roadway network would result in traffic operations that conflict with the City of Clovis 1993 General Plan LOS policy.**

The proposed project will increase the traffic volumes on City of Clovis roadways. The majority of the roadway segments would continue to operate at an acceptable LOS D or better during the AM and PM peak hours. However, the following segment would operate at an unacceptable LOS F during the PM peak hour:

- Minnewawa Avenue: Shaw Avenue to Ashlan Avenue

Significance: *Significant*

Mitigation 1a: The City of Clovis General Plan Update includes a new policy that allows lower LOS values than the current 1993 General Plan under certain circumstances. This reflects a change in policy for the City of Clovis to acknowledge that transportation planning based solely on roadway LOS, may conflict with other community values. Specifically, the new policy (proposed policy 2.1) reads:

> Until the City adopts Transportation Impact Analysis Guidelines, the following level of service (LOS) standards shall apply:
>
> a. Achieve LOS D vehicle traffic operations during the a.m. and p.m. peak hour
>
> b. Allow exceptions on a case-by-case basis where allowing lower levels of service would result in other public benefits, such as:
>
> i. Preserving agriculture or open space land
>
> ii. Preserving the rural/historic character of a neighborhood
>
> iii. Preserving or creating a pedestrian-friendly environment in Old Town or mixed-use village districts
>
> iv. Avoiding adverse impacts to pedestrians, cyclists, and mass transit riders
>
> v. Where right-of-way constraints would make capacity expansion infeasible

In the case of Minnewawa Avenue, widening the existing roadway from 2 to 4 lanes to address the LOS F condition has the following constraints:

- Would result in adverse impacts to pedestrians and cyclists in the Tarpey neighborhood, particularly school-aged children traveling to and from the adjacent Tarpey Elementary School
- Would result in adverse impacts to the character of the adjacent Tarpey neighborhood
- Available right-of-way constraints make capacity expansion infeasible; adjacent residential properties would need acquired and existing residential structures removed.

Given these constraints, discussions with City of Clovis staff indicated that this segment of Minnewawa Avenue would be a location where an exception to the City's LOS standard would apply.

Based on policy of the General Plan Update, no mitigation measures are feasible to reduce the impact to the 1993 General Plan policy to a less-than-significant level. Therefore, this impact would remain significant and unavoidable in the context of the 1993 General Plan LOS policy.

Residual Significance: *Significant and Unavoidable*

Impact 1b: **The addition of project traffic to the roadway network would not result in traffic operations that conflict with the City of Fresno 2025 General Plan LOS policy.**

The proposed project will increase the traffic volumes on City of Fresno roadways. However, all City of Fresno roadway segments in this study would continue to operate at an acceptable LOS D or better during the AM and PM peak hours. Therefore, this impact is less than significant.

Significance: *Less Than Significant*

Impact 1c: **The addition of project traffic to the roadway network would result in traffic operations that conflict with the County of Fresno 2000 General Plan LOS policy.**

The proposed project will increase the traffic volumes on County of Clovis roadways. The majority of the roadway segments would continue to operate at an acceptable LOS during the AM and PM peak hours. However, the following segments would operate at an unacceptable LOS during the AM and/or PM peak hours:

- Copper Avenue: Willow Avenue to Auberry Road
- Copper Avenue: Auberry Road to Minnewawa Avenue
- Behymer Avenue: Clovis Avenue to Fowler Avenue
- Herndon Avenue: McCall Avenue to Academy Avenue
- Ashlan Avenue: Minnewawa Avenue to Clovis Avenue
- Ashlan Avenue: McCall Avenue to Academy Avenue
- Minnewawa Avenue: Copper Avenue to Behymer Avenue
- Fowler Avenue: Behymer Avenue to Shepherd Avenue
- DeWolf Avenue: Herndon Avenue to Bullard Avenue
- McCall Avenue: Herndon Avenue to Shaw Avenue
- Academy Avenue: Herndon Avenue to Shaw Avenue

Significance: *Significant*

Mitigation 1c: A combination of capacity expansion and policy measures is proposed as mitigation to address the significant impacts to County of Fresno roadways. These are discussed in further detail below.

While these mitigation measures would address the conflicts with the County of Fresno's existing LOS policy, these improvements would require action on the part of the County of Fresno. Since the City of Clovis does not have control over the implementation of these mitigation measures, this impact would remain significant and unavoidable.

Residual Significance: *Significant and Unavoidable*

Description of Mitigation Measure 1c

Table 10 presents the summary of proposed capacity expansion and policy measures to address the significant impacts to County of Fresno roadways.

TABLE 10: MITIGATION MEASURE 1C SUMMARY

Roadway	Segment	LOS before Mitigation		Mitigation Option	LOS with Mitigation	
		AM	PM		AM	PM
Copper Ave.	Willow Ave. to Auberry Rd.	**E**	D	Widen to 4 lanes	C	C
Copper Ave.	Auberry Rd. to Minnewawa Ave.	**F**	**F**	Widen to 4 lanes to Clovis Ave. (see Minnewawa Ave.)	C	C
Behymer Ave.	Clovis Ave. to Fowler Ave.	**D**	**D**	Improve to 2-lane urban collector with TWLTL (infeasible)	C	C
Herndon Ave.	McCall Ave. to Academy Ave.	C	**D**	Improve to 2-lane urban arterial with TWLTL	C	C
Ashlan Ave.	Minnewawa Ave. to Clovis Ave.	**F**	**F**	Widen to 4 lanes (infeasible)	D	D
Ashlan Ave.	McCall Ave. to Academy Ave.	**D**	**D**	Improve to 2-lane urban collector with TWLTL (infeasible)	C	C
Minnewawa Ave.	Copper Ave. to Behymer Ave.	**F**	**F**	Extend Clovis Avenue to Copper Avenue (see Policy 7.1)	C	C
Fowler Ave.	Behymer Ave. to Shepherd Ave.	C	**E**	Widen to 4 lanes (infeasible)	C	C
DeWolf Ave.	Herndon Ave. to Bullard Ave.	**D**	**D**	Widen to 4 lanes (infeasible)	C	C
McCall Ave.	Herndon Ave. to Shaw Ave.	**F**	**F**	Widen to 4 lanes	C	C
Academy Ave.	Herndon Ave. to Shaw Ave.	C	**D**	Widen to 4 lanes	C	C

Notes: **BOLD** text indicates unacceptable LOS based on the County of Fresno LOS policy in its *2000 General Plan*.
Source: Fehr & Peers.

Copper Avenue

For the segments of Copper Avenue from Willow Avenue to Auberry Road and Auberry Road to Minnewawa Avenue, the following aspects were considered to address LOS F conditions:

- Widening the roadway from two lanes to four lanes would mitigate the project's LOS impact and improve operations to an acceptable LOS.
- These improvements are listed as City of Clovis projects in the Fresno COG RTP, and are consistent with the proposed General Plan Mobility Plan.

- Copper Avenue is beyond the 2035 development area. Therefore, it is analyzed as a County of Fresno facility, and it is anticipated the City of Clovis would not have jurisdiction to implement these improvements by 2035.

Therefore, this impact would remain significant and unavoidable. However, when the City expands north to Copper Avenue, the City would have jurisdiction to either implement these improvements or, if preserving agricultural land is a higher priority, use the proposed General Plan Update policy to allow a more congested LOS.

Behymer Avenue

For Behymer Avenue from Clovis Avenue to Fowler Avenue, expanding the capacity of this two-lane roadway to an urban collector with two lanes and a two-way left-turn lane would mitigate the project's impact and improve operations to an acceptable LOS. However, these capacity enhancements are not included in the Fresno COG RTP or any other funding program for roadway improvements. Furthermore, improving this roadway to urban collector standards would conflict with County standards for local roadways, and right-of-way constraints would make widening potentially infeasible. Therefore, the impact would remain significant and unavoidable.

Herndon Avenue

Herndon Avenue between McCall Avenue and Academy Avenue is projected to operate at LOS D during the PM peak hour for the 2035 Plus Proposed General Plan scenario. Since this segment of Herndon Avenue is outside the City of Clovis's current SOI, LOS D operations are considered unacceptable. Upgrading this segment of Herndon Avenue to a two-lane urban arterial with a two-way left-turn lane would mitigate the project's impact and improve operations to an acceptable LOS. However, this capacity enhancement project is not included in the Fresno COG RTP or any other funding program for roadway improvements. Furthermore, this roadway is not within the City's jurisdiction. Since this project is not funded and outside the City's jurisdiction to implement, this impact would remain significant and unavoidable.

Ashlan Avenue

Ashlan Avenue between Minnewawa Avenue and Clovis Avenue is projected to operate at LOS F. Widening Ashlan Avenue to a four-lane roadway would mitigate the project's impact and improve operations to LOS D. However, this roadway widening is not included in the Fresno COG RTP or any other funding program for roadway improvements. Furthermore, right-of-way constraints may make widening Ashlan Avenue infeasible.

This segment of Ashlan Avenue is in the City of Clovis's SOI, and is the same area as the Minnewawa Avenue segment that operates at LOS F in the City of Clovis. If annexed in the future, the proposed policy 2.1 could also apply to this segment given the existing residences along Ashlan Avenue and the right-of-

way constraints. Overall, since funding is not identified and widening may be infeasible, this impact would remain significant and unavoidable.

Ashlan Avenue between McCall Avenue and Academy Avenue is projected to operate at LOS D. Since this segment of Herndon Avenue is outside the City of Clovis's current SOI, LOS D operations are considered unacceptable. Improving this segment of Herndon Avenue by converting it to an urban collector with a center two-way left-turn lane would mitigate the project's impact and improve operations to an acceptable LOS. However, this capacity enhancement project is not included in the Fresno COG RTP or any other funding program for roadway improvements. Furthermore, this roadway is not within the City's jurisdiction. Since this project is not funded and outside the City's jurisdiction to implement, this impact would remain significant and unavoidable.

Minnewawa Avenue

Minnewawa Avenue between Behymer and Copper Avenue is projected to operate at LOS F. This segment of Minnewawa is ultimately planned to become a collector and local street, with regional traffic shifting to a proposed extension of Clovis Avenue. Since the proposed General Plan Update proposes converting Minnewawa Avenue to a more local facility with regional traffic on Clovis Avenue, the preferred mitigation option is to extend Clovis Avenue north of Behymer Avenue to Copper Avenue to reduce the amount of traffic on Minnewawa Avenue by providing a parallel facility to carry traffic to and from Copper Avenue. This is further emphasized in Policy 7.1 in the draft Circulation Element, which states that the City will invest in the extension of Clovis Avenue north to Copper Avenue as funding is available. This improvement is listed as a City of Clovis project in the Fresno COG RTP, and is consistent with the proposed General Plan Mobility Plan.

Since this improvement is outside the 2035 growth area shown in Exhibit B, this improvement would be outside the City's jurisdiction. Therefore, the City would not have jurisdiction to implement these improvements by 2035, and the impact would remain significant and unavoidable. However, when the City expands north along Clovis Avenue from Behymer Avenue to Copper Avenue, the City would have jurisdiction to implement these improvements.

Fowler Avenue

For Fowler Avenue from Behymer Avenue to Shepherd Avenue, widening this two-lane roadway to four lanes would mitigate the project's impact and improve operations to an acceptable LOS. However, these capacity enhancements are not included in the Fresno COG RTP or any other funding program for roadway improvements. Furthermore, widening this roadway would conflict with County standards for local roadways, and right-of-way constraints would make widening potentially infeasible. Therefore, the impact would remain significant and unavoidable.

De Wolf Avenue

For De Wolf Avenue from Herndon Avenue to Bullard Avenue, widening this two-lane roadway to four lanes would mitigate the project's impact and improve operations to an acceptable LOS. However, these capacity enhancements are not included in the Fresno COG RTP or any other funding program for roadway improvements. Furthermore, widening this roadway would conflict with County standards for local roadways, and right-of-way constraints would make widening potentially infeasible. Therefore, the impact would remain significant and unavoidable.

McCall Avenue

For McCall Avenue between Herndon Avenue and Shaw Avenue, the following aspects were considered to address LOS F conditions:

- Widening the roadway from two lanes to four lanes would mitigate the project's LOS impact and improve operations to an acceptable LOS.
- Widening McCall from two to six lanes is listed as a City of Clovis project in the Fresno COG RTP.
- This segment of McCall Avenue between Herndon and Shaw Avenues is currently outside the City of Clovis's current SOI, and beyond the 2035 and 2035+ development area. Therefore, it is analyzed as a County of Fresno facility, and it is anticipated the City of Clovis would not have jurisdiction to implement these improvements by 2035.

Therefore, this impact would remain significant and unavoidable. As the City expands east, it would need to work with the County of Fresno to widen this segment of McCall Avenue to sufficiently serve traffic demand between Northeast Clovis and Loma Vista.

Academy Avenue

Academy Avenue between Herndon Avenue and Shaw Avenue is projected to operate at LOS D. Since this segment of Academy Avenue is outside the City of Clovis's current SOI, LOS D operations are considered unacceptable. Widening this two-lane roadway to four lanes would mitigate the project's impact and improve operations to an acceptable LOS. However, these capacity enhancements are not included in the Fresno COG RTP or any other funding program for roadway improvements. Furthermore, this roadway is not within the City's jurisdiction. Since this project is not funded and outside the City's jurisdiction to implement, this impact would remain significant and unavoidable.

Impact 1d: **The addition of project traffic to the roadway network would result in traffic operations that conflict with Caltrans LOS policies.**

The proposed project will increase the traffic volumes on state highways. The majority of the state highway segments would continue to operate at an acceptable LOS D during the AM and PM peak hours. However, the following segments would operate at an unacceptable LOS during the AM and/or PM peak hours:

- SR 168 Eastbound: McKinley Avenue to Shields Avenue
- SR 168 Eastbound: Shields Avenue to Ashlan Avenue
- SR 168 Westbound: Ashlan Avenue to Shields Avenue
- SR 168 Eastbound: Herndon Avenue to Fowler Avenue
- SR 168 Westbound: Fowler Avenue to Herndon Avenue
- SR 168 Westbound: Temperance Avenue to Fowler Avenue
- SR 168: Temperance Avenue to Owens Mountain Parkway

Significance: *Significant*

Mitigation 1d: Capacity expansion projects are proposed as mitigation to address the significant impacts to Caltrans facilities. These are discussed in further detail below. While these mitigation measures would address the conflicts with the Caltrans LOS policies, these improvements would require action on the part of the Caltrans. Since the City of Clovis does not have control over the implementation of these mitigation measures, this impact would remain significant and unavoidable.

Residual Significance: *Significant and Unavoidable*

Description of Mitigation Measure 1d

Table 11 presents the summary of proposed capacity expansion measures to address the significant impacts to Caltrans facilities.

TABLE 11: MITIGATION MEASURE 1D SUMMARY

Roadway	Segment	LOS before Mitigation		Mitigation Option	LOS with Mitigation	
		AM	PM		AM	PM
SR 168 EB	McKinley Ave. to Shields Ave.	**E**	**E**	Widen to 4 lanes	D	D
SR 168 EB	Shields Ave. to Ashlan Ave.	**E**	**E**	Add an Auxiliary Lane	D	D
SR 168 WB	Ashlan Ave. to Shields Ave.	**E**	D	Add an Auxiliary Lane	D	C
SR 168 EB	Herndon Ave. to Fowler Ave.	D	**E**	Add an Auxiliary Lane	C	D
SR 168 WB	Fowler Ave. to Herndon Ave.	**F**	**E**	Widen to 3 lanes	D	C
SR 168 WB	Temperance Ave. to Fowler Ave.	**E**	D	Add an Auxiliary Lane	D	C
SR 168	Temperance Ave. to Owens Mountain Parkway	D	**F**	Improve to a 4-lane freeway; construct interchange with Owens Mountain Parkway	C	C

Notes: **BOLD** text indicates unacceptable LOS based on the County of Fresno LOS policy in its *2000 General Plan*.
Source: Fehr & Peers.

State Route 168 Eastbound: McKinley Avenue to Ashlan Avenue

For the segments of SR 168 Eastbound from McKinley Avenue to Shields Avenue and Shields Avenue to Ashlan Avenue, the proposed mitigation option includes increasing the capacity of the highway to address the LOS E conditions. This would include converting the existing three lanes plus auxiliary lane segments from SR 180 to McKinley Avenue and McKinley Avenue to Shields Avenue to four lanes. This would be accomplished by connecting the existing auxiliary lanes between the off-ramps and on-ramps at McKinley Avenue and converting this new outside travel lane to a mixed-flow lane. The existing auxiliary lane between McKinley Avenue to Shields Avenue would also be extended through the Shields Avenue interchange north as an outside mixed-flow travel lane becoming an auxiliary trap exit only lane at the Ashlan Avenue off-ramp.

This capacity enhancement would mitigate the project's impact and improve operations to an acceptable LOS. However, this capacity enhancement project is not included in the Fresno COG RTP or any other funding program for roadway improvements. Furthermore, this roadway is not within the City's jurisdiction. Since this project is not funded and outside the City's jurisdiction to implement, this impact would remain significant and unavoidable.

State Route 168 Westbound: Ashlan Avenue to Shields Avenue

Adding an auxiliary lane between the Ashlan Avenue on-ramp and the Shields Avenue off-ramp to SR 168 Westbound would mitigate the project's impact and improve operations to an acceptable LOS. However, this capacity enhancement project is not included in the Fresno COG RTP or any other funding program

for roadway improvements. Furthermore, this roadway is not within the City's jurisdiction. Since this project is not funded and outside the City's jurisdiction to implement, this impact would remain significant and unavoidable.

State Route 168 Eastbound: Herndon Avenue to Fowler Avenue

Adding an auxiliary lane between the Herndon Avenue on-ramp and the Fowler Avenue off-ramp to SR 168 Eastbound would mitigate the project's impact and improve operations to an acceptable LOS. However, this capacity enhancement project is not included in the Fresno COG RTP or any other funding program for roadway improvements. Furthermore, this roadway is not within the City's jurisdiction. Since this project is not funded and outside the City's jurisdiction to implement, this impact would remain significant and unavoidable.

State Route 168 Westbound: Temperance Avenue to Herndon Avenue

For the segments of SR 168 Westbound from Temperance Avenue to Fowler Avenue and Fowler Avenue to Herndon Avenue, the proposed mitigation option includes increasing the capacity of the highway to address the LOS E and LOS F conditions. This would include adding an auxiliary lane from the Temperance Avenue on-ramp to the Fowler Avenue off-ramp. Given the larger amount of traffic entering SR 168 Westbound at Fowler Avenue and traveling west through the Herndon Avenue interchange, a mixed-flow lane would be added at the Fowler Avenue on-ramp and travel through the Herndon Avenue interchange.

This capacity enhancement would mitigate the project's impact and improve operations to an acceptable LOS. However, these capacity enhancement projects are not included in the Fresno COG RTP or any other funding program for roadway improvements. Furthermore, this roadway is not within the City's jurisdiction. Since these projects are not funded and outside the City's jurisdiction to implement, this impact would remain significant and unavoidable.

State Route 168: Temperance Avenue to Owens Mountain Parkway

The current expressway configuration of SR 168 with a signalized at-grade intersection with Owens Mountain Parkway would operate at an unacceptable LOS F conditions with the proposed General Plan Update. To improve the traffic operations, a grade-separated interchange with Owens Mountain Parkway would need to be constructed converting the existing expressway to an access-controlled freeway. The Owens Mountain Parkway interchange would serve future planned development along this section of the SR 168 corridor in the Sierra Gateway Commerce Center, and would primarily be triggered when that development occurs.

CONGESTION MANAGEMENT PROGRAM

Impact 2: **The project would not conflict with an applicable congestion management program or other standards established by the county congestion management agency for designated roads or highways.**

The passage of California Assembly Bill 2419 in 1996 allowed counties to "opt out" of the California Congestion Management Program, reference above, if a majority of local governments elected to exempt themselves from California's congestion management plans. On September 25, 1997, the Fresno COG Policy Board rescinded the Fresno County Congestion Management Program at the request of the local member agencies. Therefore, there is no applicable congestion management program or congestion management agency standards, and this impact is less than significant.

Significance: *Less Than Significant*

AIR TRAFFIC PATTERNS

Impact 3: **The project would not result in a change in air traffic patterns, including no significant increase in traffic levels or a change in location.**

As noted in the Existing Conditions chapter, there are no aviation facilities in the City of Clovis. The population and employment growth in the City of Clovis attributable to the General Plan Update may result in an increase in demand for aviation facilities or services, but is not expected to result in a substantial change to air traffic patterns, a change to the location of airports, or result in a substantial safety risks. Therefore, this impact is less than significant.

Significance: *Less Than Significant*

HAZARDS

Impact 4: **The project would not substantially increase hazards due to a design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment).**

The proposed General Plan Update would result in some changes and growth of the City's transportation network, but would not increase hazards. All future roadway system improvements associated with development and redevelopment activities under the proposed General Plan Update would be designed in accordance with the established roadway design standards. These improvements would be subject to review and future consideration by the City of Clovis engineering staff. An evaluation of the roadway alignments, intersection geometrics, and traffic control features would be needed. Roadway improvements would have to be made in accordance with the City's Circulation Plan and roadway functional design guidelines, and meet design guidelines in the California Manual of Uniform Traffic Control Devices and the Caltrans Roadway Design Manual.

In addition, the draft Circulation Element includes goals and policies to improve the safety of all users of the transportation system in the City of Clovis. Therefore, this impact is less than significant.

Significance: *Less Than Significant*

EMERGENCY ACCESS

Impact 5: **The project would not result in inadequate emergency access.**

A review of the City of Clovis General Plan Update revealed no potential internal policy inconsistencies or discrepancies related to emergency access. Implementation of the City of Clovis General Plan Update would increase the amount of vehicle traffic, which would require the improvement and expansion of the City of Fresno's roadway system to accommodate forecasts travel demand as well as maintaining acceptable traffic operations (LOS) in the city. An enhanced roadway network that accommodates forecasted travel demand would also provide adequate emergency access. Therefore, this impact is less than significant.

Significance: *Less Than Significant*

TRANSIT, BICYCLE, & PEDESTRIAN IMPACTS

Impact 6: **The project would not conflict with adopted policies, plans, or programs regarding public transit, bicycle, or pedestrian facilities, or otherwise decrease the performance or safety of such facilities.**

A review of the City of Clovis General Plan Update revealed no potential internal policy inconsistencies or conflicts with adopted policies, plans, or programs regarding public transit, bicycle, or pedestrian facilities or the performance or safety of those facilities. Implementation of the City of Clovis General Plan Update would increase demand for public transit, bicycle, and pedestrian facilities, which would require the improvement and expansion.

As part of the Clovis General Plan Update, additional transit, bicycle, and pedestrian facilities would be constructed. Policy 5.1 of the proposed Circulation Element, the City plans to upgrade existing streets and design new streets to include complete street amenities, prioritizing improvements that will improve bicycle and pedestrian connectivity or result in increased safety. Furthermore, the City would plan, design, operate, and maintain the transportation network to promote safe and convenient travel for all users: pedestrians, bicyclists, transit riders, freight, and motorists.

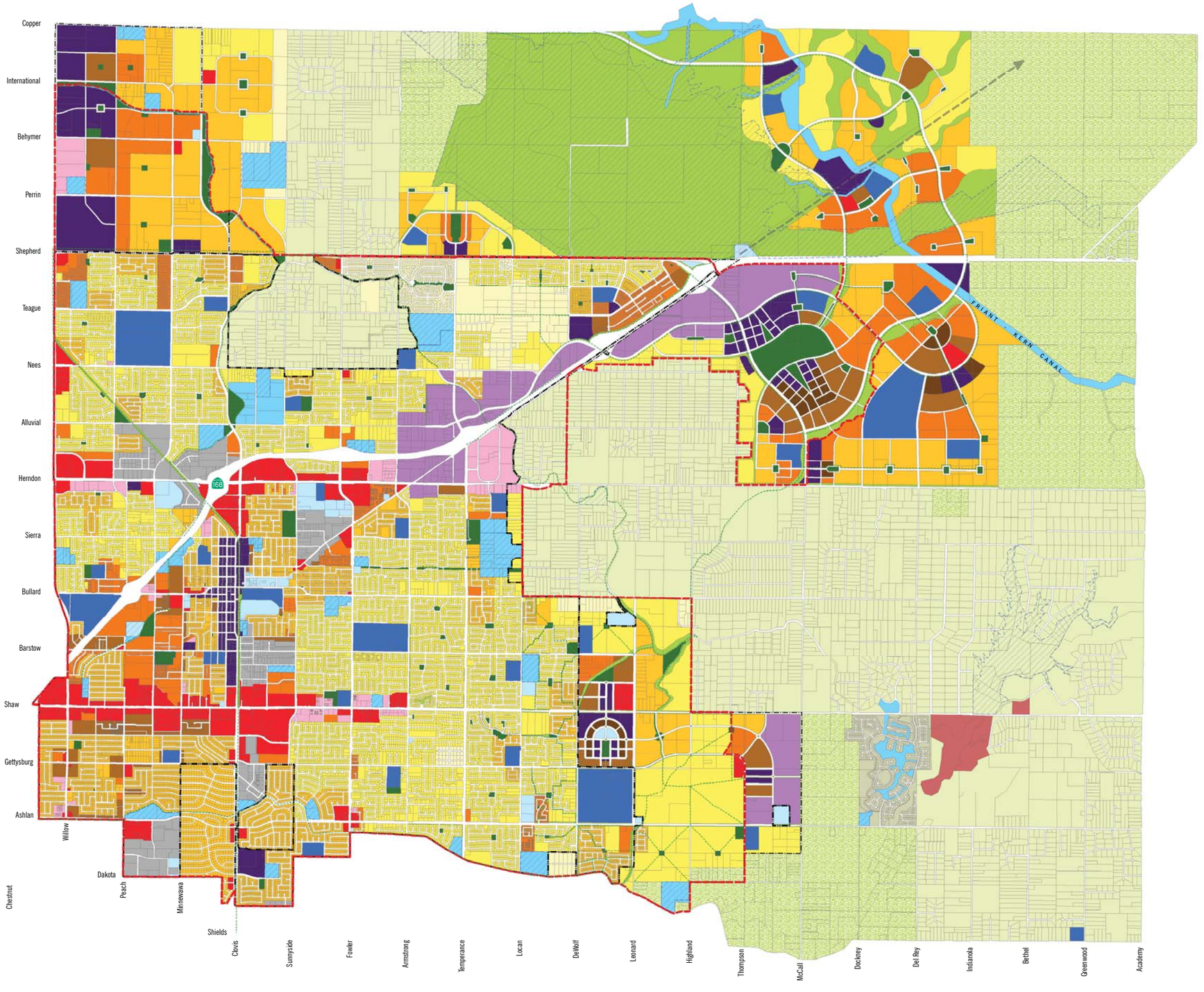
Therefore, this impact is less than significant.

Significance: *Less Than Significant*

APPENDIX A: ROADWAY LOS RESULTS

APPENDIX B: 2035 GROWTH AREA MAP

DRAFT LAND USE DIAGRAM



- Proposed Buildout 2035 (see note)
- City Boundary
- Sphere of Influence Boundary
- Off-Street Trails and Paseos

City of Clovis General Plan Land Use

- AG - Agrilculture (1 DU/20 AC)
- RR - Rural Residential (1 DU/2 AC)
- VL - Very Low Density Residential (0.6-2.0 DU/Ac)
- L - Low Density Residential (2.1-4.0 DU/Ac)
- M -Medium Density Residential (4.1-7.1 DU/Ac)
- MH - Medium High Density Resid.(7.1-15.0 DU/Ac)
- H - High Density Residential (15.1-25.0 DU/Ac)
- VH - Very High Density Residential (25.1-43.0 DU/Ac)
- MU-V - Mixed Use Village
- MU-BC - Mixed Use/Business Center
- O - Office
- I - Industrial
- C - Commercial
- OS - Open Space
- P - Public/Quasi-Public Facilities
- PK - Park
- S - School
- W - Water

Fresno County General Plan Land Use

- PRC-FC - Planned Residential Community
- C-SP - Commercial Specialized
- FMC Distrct - Basin Facilities

Note: This boundary reflects the estimated geographic area that is estimated to build out at urbanized levels by 2035. The balance of the entire General Plan planning area is assumed to grow but at lower intensity, non-urbanized levels by 2035. Full buildout of the entire planning area is analyzed in a separate analysis.

CLOVIS GENERAL PLAN

CLO- 1.4 4.12.13

0 1,500 3,000 6,000 Feet

THE PLANNING CENTER DC&E