

CALIFORNIA

TRANSPORTATION BY THE NUMBERS

TRANSPORTATION INFRASTRUCTURE



MAJOR AIRPORTS

35

Includes Federal Aviation Administration Part-139 public use airports.

Los Angeles International Airport was the 2nd busiest airport in the United States in 2013. San Francisco International Airport was the 7th busiest.

MAJOR WATER PORTS

9

Includes ports ranked in the top 150 ports by tonnage in 2013.

The ports of Los Angeles and Long Beach were the busiest container ports in the nation in 2013.

MILES OF PUBLIC ROAD

174,989

Roads with acceptable pavement ride quality based on International Roughness Index, 2013:

California	59.9%
United States	80.4%

BRIDGES

25,315

Bridges classified as functionally obsolete, 2013:

California	17.0%
United States	13.7%

Bridges classified as structurally deficient, 2013:

California	9.9%
United States	10.1%

MILES OF FREIGHT RAILROAD

5,295

BORDER PORTS OF ENTRY

6

MILES OF WATERWAY

290

NUMBER OF MPOs

19



POPULATION

38.4m ▲ 9.0%
2013 2003-2013

EMPLOYMENT

13.4m ▲ 3.2%
2013 2003-2013

LICENSED DRIVERS

24.4m ▲ 7.6%
2013 2003-2013

REGISTERED VEHICLES

28.1m ▼ -7.2%
2013 2003-2013

TRANSIT RIDERSHIP

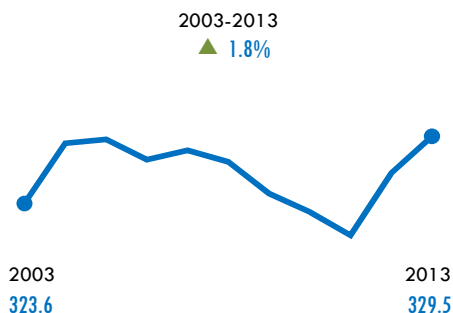
1.4b ▲ 8.1%
2013 2003-2013

AIR CARRIER ENPLANEMENTS

89.1m ▲ 15.1%
2013 2003-2013

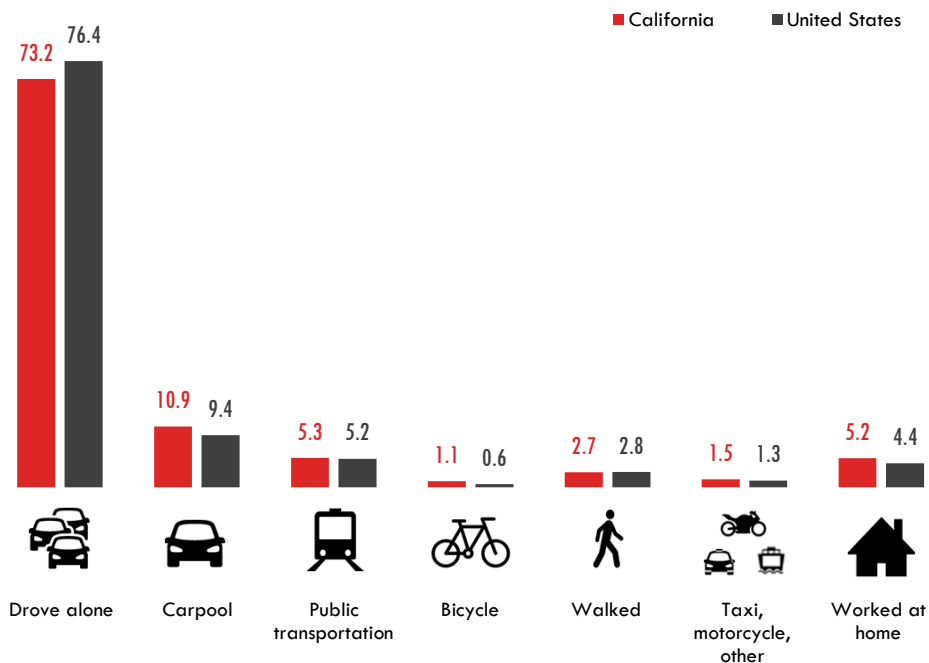
HIGHWAY TRAVEL

Billions of vehicle miles traveled, 2003-2013



HOW RESIDENTS GET TO WORK

Percentage of workers over age 16, 2013



AVERAGE DAILY PERSON MILES

Miles per person per day, 2009



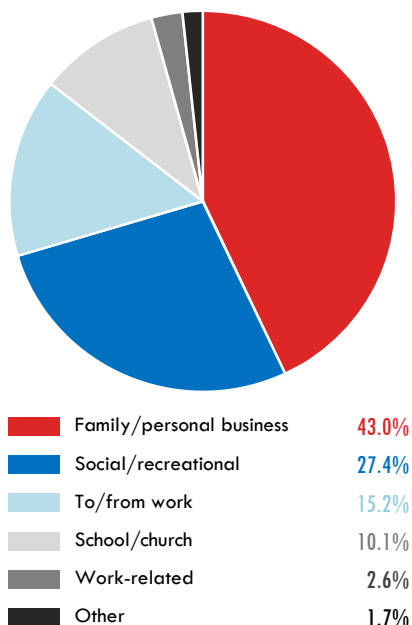
AVERAGE DAILY PERSON TRIPS

Trips per person per day, 2009



PASSENGER TRAVEL BY TRIP PURPOSE

Percentage of annual person trips, 2009



TRANSPORTATION INDUSTRY JOBS

445,742 ▼ -0.4%
2013 2003-2013

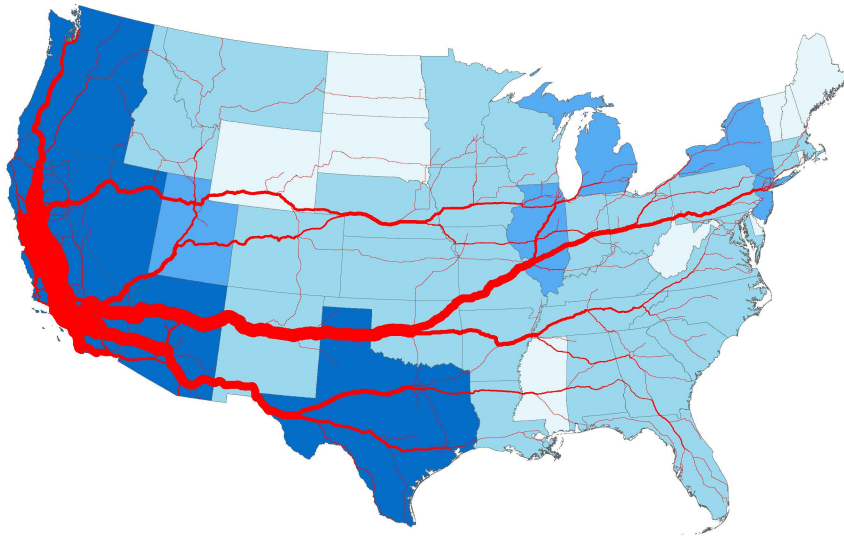
Truck transportation
105,264 ▼ -11.7%

Support activities for transportation
100,975 ▲ 27.1%

Couriers and messengers
62,784 ▼ -22.4%

Air transportation
44,075 ▼ -27.1%

MAJOR TRUCK FREIGHT FLOWS TO, FROM, AND WITHIN CALIFORNIA, 2010



State to state flows (million tons/year)

0 1 5 10+

Volume scale (freight trucks/day)

3,750 7,500 15,000

VALUE OF FREIGHT FLOW

\$3.0t

Current dollars, 2013

▲ 9.4%

2007-2013

TONS OF FREIGHT FLOW

1.8b

2013

▲ 7.2%

2007-2013

TON-MILES OF FREIGHT FLOW

872.5b

2013

▲ 8.7%

2007-2013

STATE GROSS DOMESTIC PRODUCT

\$2.2t

Current dollars, 2013

▲ 26.0%

2003-2013

TOP COMMODITIES SHIPPED FROM CALIFORNIA

By **value** moved in billions of current dollars, 2013

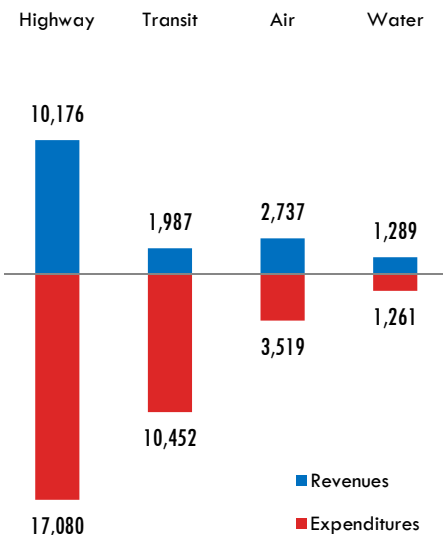
By **weight** moved in millions of tons, 2013

Electronics	\$186.6
Textiles/leather	\$81.8
Motorized vehicles	\$81.5
Machinery	\$59.7
Misc. mfg. prods.	\$56.3

Other foodstuffs	21.5
Nonmetal min. prods.	14.0
Other ag prods.	12.0
Coal-n.e.c.	11.6
Motorized vehicles	9.0

STATE AND LOCAL GOVERNMENT TRANSPORTATION REVENUES AND EXPENDITURES

Millions of current dollars, 2012



TOP COMMODITIES SHIPPED TO CALIFORNIA

By **value** moved in billions of current dollars, 2013

By **weight** moved in millions of tons, 2013

Motorized vehicles	\$96.7
Electronics	\$63.6
Coal-n.e.c.	\$49.2
Machinery	\$38.7
Textiles/leather	\$34.6

Coal-n.e.c.	59.7
Crude petroleum	37.0
Other foodstuffs	14.0
Cereal grains	11.8
Wood prods.	11.4

TOP COMMODITIES SHIPPED WITHIN CALIFORNIA

By **value** moved in billions of current dollars, 2013

By **weight** moved in millions of tons, 2013

Machinery	\$187.5
Electronics	\$186.2
Gasoline	\$157.1
Motorized vehicles	\$115.0
Mixed freight	\$107.6

Waste/scraps	228.1
Gasoline	150.3
Nonmetal min. prods.	145.5
Gravel	131.1
Other ag prods.	66.8

RAIL FATALITIES

108 ▼ -6.1%

2013 2003-2013

TRANSIT FATALITIES

49 ▲ 2.1%

2013 2003-2013

RECREATIONAL BOAT FATALITIES

37 ▼ -39.3%

2013 2003-2013

HIGHWAY FATALITIES

3,000 ▼ -29.0%

2013 2003-2013

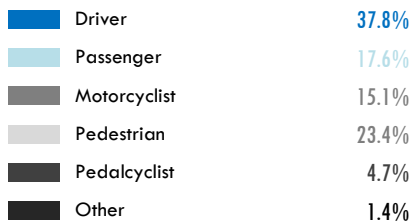
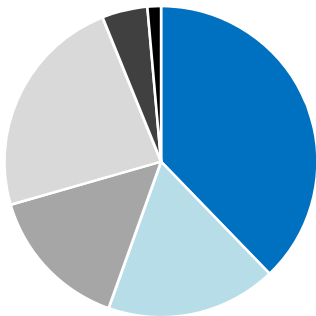
HIGHWAY FATALITY RATE

Fatalities per 100 million vehicle miles traveled, 2013

California 0.91

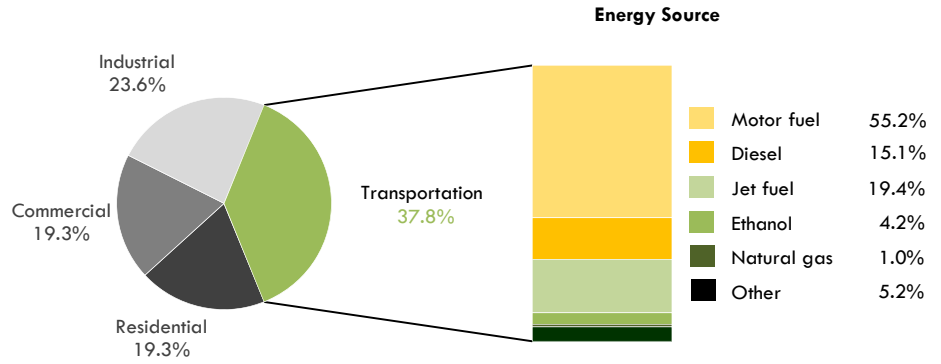
United States 1.09

HIGHWAY FATALITIES BY PERSON



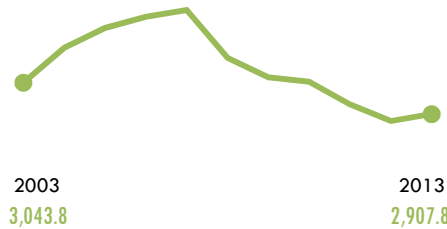
ENERGY USE BY SECTOR

Percent of Btu consumed, 2013



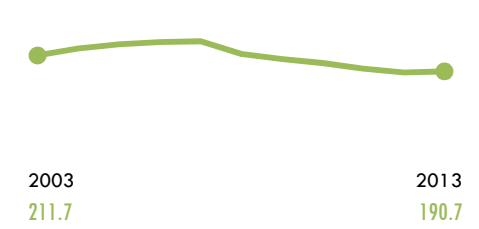
TRANSPORTATION ENERGY USE

Trillion Btu consumed, 2003-2013



TRANSPORTATION EMISSIONS

Million metric tons of CO₂, 2003-2013



TRANSPORTATION ENERGY USE PER CAPITA

Million Btu per capita, 2013



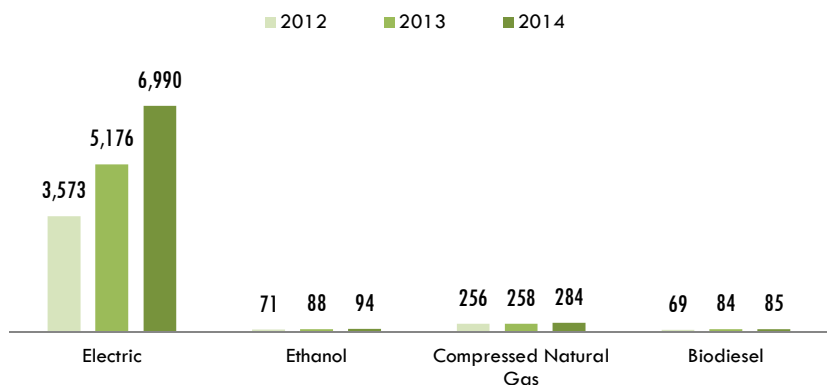
MOTOR FUEL USE PER CAPITA

Gallons per capita, 2013



ALTERNATIVE FUEL STATIONS

Number of stations, 2012-2014



SOURCES: **Infrastructure map, water ports, border ports**—U.S. Department of Transportation, Bureau of Transportation Statistics, *National Transportation Atlas Database 2014*. **Airports**—U.S. Department of Transportation, Federal Aviation Administration, *Administrator's Fact Book*. **Employment**—U.S. Census Bureau, County Business Patterns. **Passenger travel by trip purpose, average daily travel**—U.S. Department of Transportation, National Household Travel Survey. **Freight map and data**—U.S. Department of Transportation, Federal Highway Administration, Freight Analysis Framework. **State GDP**—U.S. Department of Commerce, Bureau of Economic Analysis. **Highway fatalities**—U.S. Department of Transportation, National Highway Traffic Safety Administration. **All other data**—As cited in U.S. Department of Transportation, *State Transportation Statistics 2015*, available at www.bts.gov.