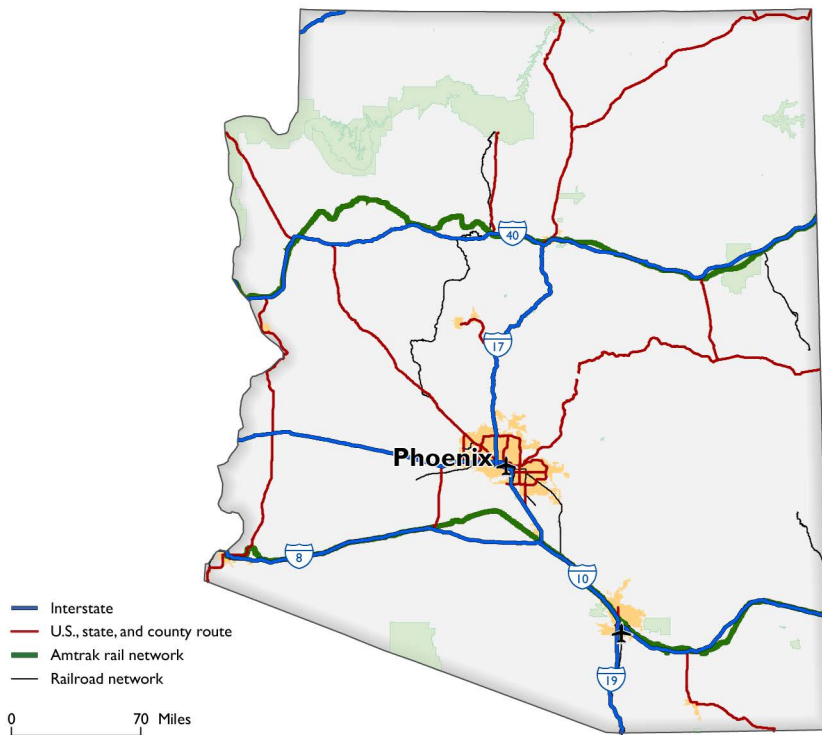


ARIZONA

TRANSPORTATION BY THE NUMBERS

TRANSPORTATION INFRASTRUCTURE



MAJOR AIRPORTS

13

Includes Federal Aviation Administration Part-139 public use airports.

Phoenix Sky Harbor International Airport was the 9th busiest airport in the United States in 2013.

BORDER PORTS OF ENTRY

6

- Douglas
- Lukeville
- Naco
- Nogales
- San Luis
- Sasabe

MILES OF PUBLIC ROAD

66,441

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

Arizona	91.7%
United States	80.4%

BRIDGES

8,031

Bridges classified as functionally obsolete, 2013:

Arizona	8.5%
United States	13.7%

Bridges classified as structurally deficient, 2013:

Arizona	3.2%
United States	10.1%

MILES OF FREIGHT RAILROAD

1,643

NUMBER OF MPOs

8



POPULATION

6.6m ▲ 20.4%
2013 2003-2013

EMPLOYMENT

2.2m ▲ 8.7%
2013 2003-2013

LICENSED DRIVERS

4.8m ▲ 25.4%
2013 2003-2013

REGISTERED VEHICLES

5.4m ▲ 50.6%
2013 2003-2013

TRANSIT RIDERSHIP

100.3m ▲ 39.8%
2013 2003-2013

AIR CARRIER ENPLANEMENTS

22.3m ▲ 10.1%
2013 2003-2013

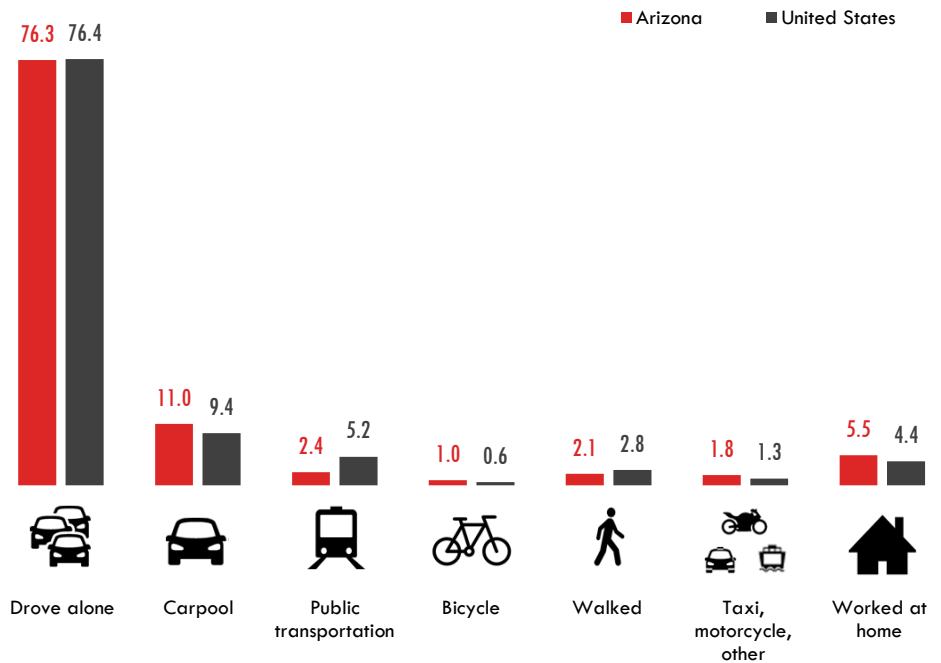
HIGHWAY TRAVEL

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



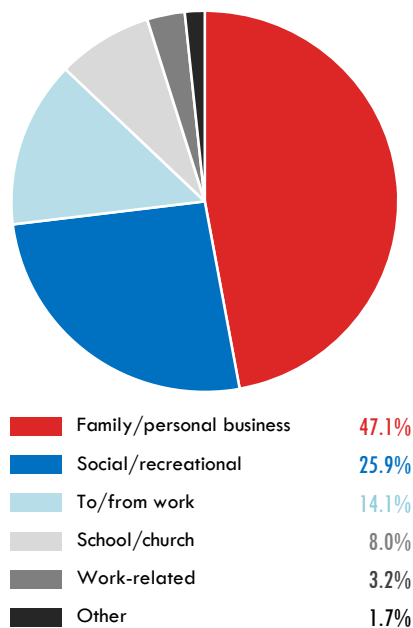
AVERAGE DAILY PERSON TRIPS

Trips per person per day, 2009



PASSENGER TRAVEL BY TRIP PURPOSE

Percentage of annual person trips, 2009



TRANSPORTATION INDUSTRY JOBS

81,274 ▼ -6.3%
2013 2003-2013

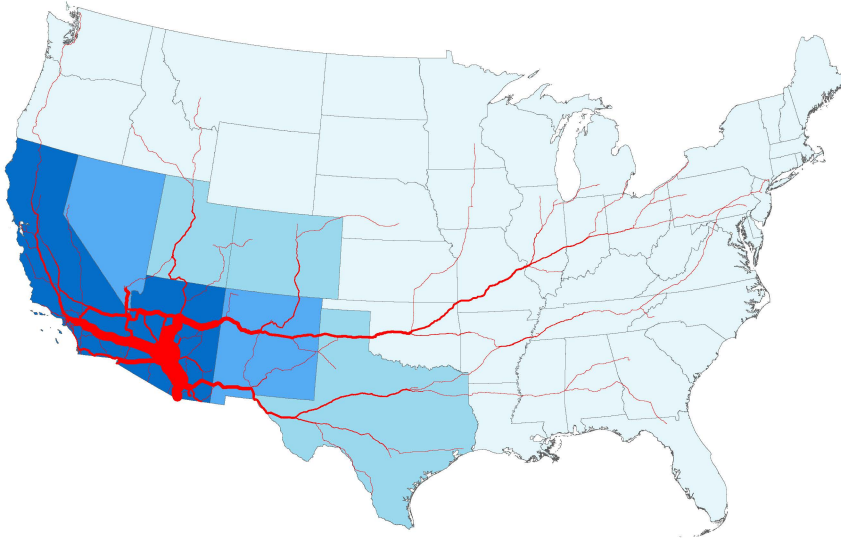
Truck transportation
22,134 ▼ -40.4%

Support activities for transportation
9,705 ▲ 41.6%

Transit and ground passenger transportation
9,132 ▲ 27.5%

Couriers and messengers
8,868 ▲ 10.9%

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



State to state flows (million tons/year)

0 1 5 10+

Volume scale (freight trucks/day)

2,500 5,000 10,000

VALUE OF FREIGHT FLOW

\$389.5b ▲ 7.2%

Current dollars, 2013 2007-2013

TONS OF FREIGHT FLOW

352.2m ▲ 10.9%

2013 2007-2013

TON-MILES OF FREIGHT FLOW

111.8b ▲ 12.0%

2013 2007-2013

STATE GROSS DOMESTIC PRODUCT

\$274.7b ▲ 22.4%

Current dollars, 2013 2003-2013

TOP COMMODITIES SHIPPED FROM ARIZONA

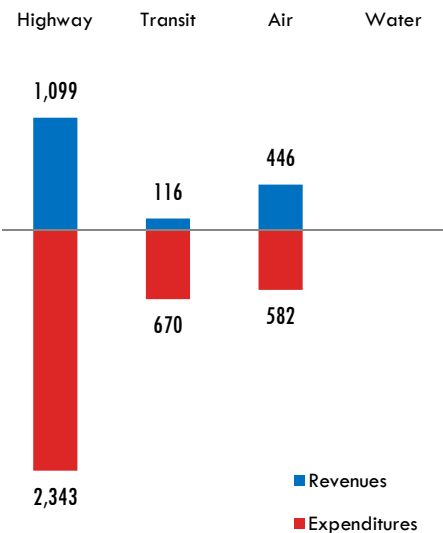
By **value** moved in billions of current dollars, 2013

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

Electronics	\$22.4	Other ag prods.	3.0
Pharmaceuticals	\$10.7	Gravel	2.3
Misc. mfg. prods.	\$7.1	Natural sands	1.8
Motorized vehicles	\$6.5	Other foodstuffs	1.8
Mixed freight	\$6.5	Mixed freight	1.7

STATE AND LOCAL GOVERNMENT TRANSPORTATION REVENUES AND EXPENDITURES

Millions of current dollars, 2012



TOP COMMODITIES SHIPPED TO ARIZONA

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

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

Electronics	\$19.3	Coal	16.8
Motorized vehicles	\$12.1	Coal-n.e.c.	10.7
Transport equip.	\$8.9	Other foodstuffs	3.8
Coal-n.e.c.	\$8.7	Wood prods.	3.0
Pharmaceuticals	\$8.2	Nonmetal min. prods.	2.8

TOP COMMODITIES SHIPPED WITHIN ARIZONA

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

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

Machinery	\$29.0	Gravel	55.1
Mixed freight	\$15.3	Nonmetal min. prods.	50.5
Electronics	\$10.6	Waste/scraps	27.1
Motorized vehicles	\$8.6	Natural sands	15.8
Pharmaceuticals	\$8.6	Nonmetallic minerals	10.6

RAIL FATALITIES

7
2013 2003-2013 -58.8%

TRANSIT FATALITIES

6
2013 2003-2013 0.0%

RECREATIONAL BOAT FATALITIES

9
2013 2003-2013 28.6%

HIGHWAY FATALITIES

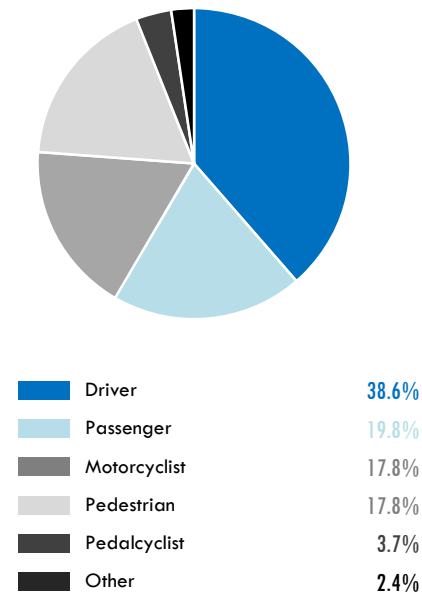
849
2013 2003-2013 -24.1%

HIGHWAY FATALITY RATE

Fatalities per 100 million vehicle miles traveled, 2013

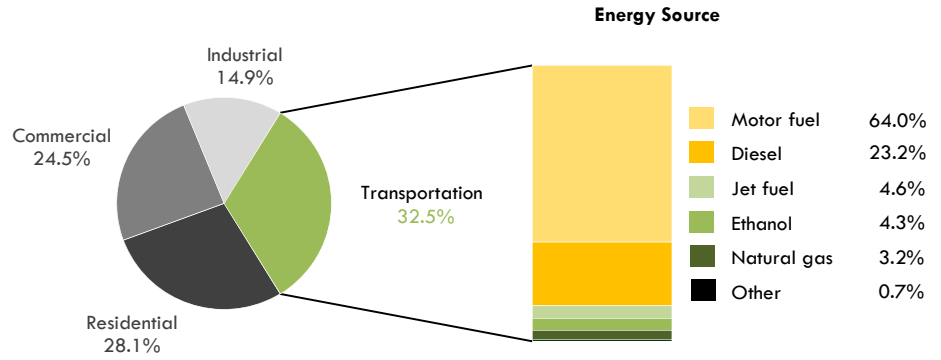


HIGHWAY FATALITIES BY PERSON



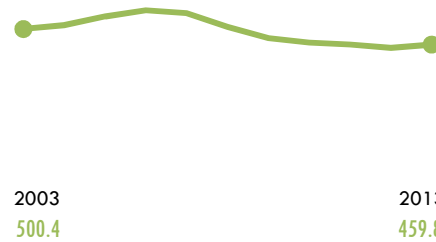
ENERGY USE BY SECTOR

Percent of Btu consumed, 2013



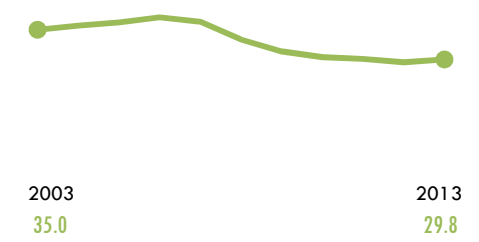
TRANSPORTATION ENERGY USE

Trillion Btu consumed, 2003-2013



TRANSPORTATION EMISSIONS

Million metric tons of CO₂, 2003-2013



TRANSPORTATION ENERGY USE PER CAPITA

Million Btu per capita, 2013



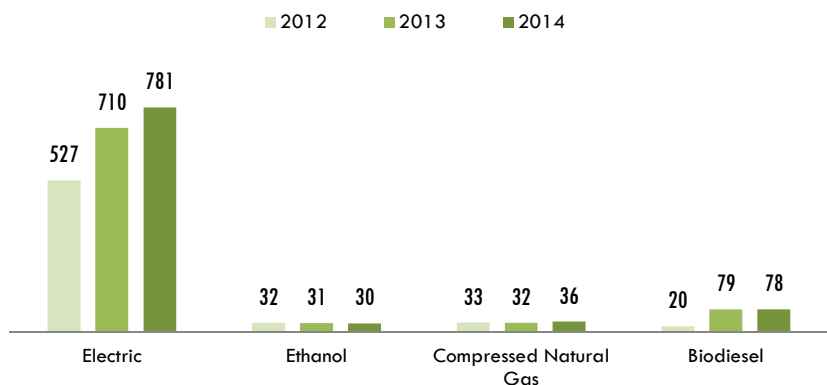
MOTOR FUEL USE PER CAPITA

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.