Arizona

Transportation by the Numbers

Transportation Infrastructure

Miles of Public Road: 66,782
Bridges: 8,294
Miles of Freight Railroad: 1,820

Major Airports
13
Includes Federal Aviation Administration Part-139 public use airports.

Border Ports of Entry
6

ROAD CONDITION
Good or Fair: 81.4%

BRIDGE DECK AREA CONDITION
Good: 54.2%
Fair: 44.2%
Poor: 1.6%

Roads with acceptable pavement ride quality based on International Roughness Index

January 2020

U.S. Department of Transportation
Bureau of Transportation Statistics
### Transport by the Numbers

**Population**
- **7.3m** in 2019 (14.7% increase from 2009-2019)

**Employment**
- **2.8m** in 2018 (9.4% increase from 2008-2018)

**Licensed Drivers**
- **5.3m** in 2018 (22.5% increase from 2008-2018)

**Registered Vehicles**
- **6.0m** in 2017 (36.4% increase from 2007-2017)

**Transit Ridership**
- **92.0m** in 2018 (-1.8% decrease from 2008-2018)

**Air Carrier Enplanements**
- **24.6m** in 2018 (11.7% increase from 2008-2018)

**Highway Travel**
- Billions of vehicle miles traveled:
  - 2008: 61.6, 2018: 66.1 (7.3% increase)

**Average Daily Person Miles**
- **49.1** miles per person per day, 2017 (Arizona)
- **36.1** miles per person per day, 2017 (United States)

**Average Daily Person Trips**
- **3.27** trips per person per day, 2017 (Arizona)
- **3.37** trips per person per day, 2017 (United States)

**Passenger Travel by Trip Purpose**

- **38.5%** Family/personal business
- **29.3%** Social/recreational
- **15.6%** To/from work
- **10.7%** School/church
- **1.1%** Work-related
- **4.8%** Other

**Transportation Industry Jobs**
- **74.8k** in 2018 (17.0% increase from 2008-2018)
  - Truck transportation: **22,546** (13.6% increase)
  - Transit and ground passenger transportation: **10,444** (35.8% increase)
  - Air transportation: **14,339** (-6.7% decrease)
  - Other: **27,498** (30.7% increase)

**Arizona vs United States**

<table>
<thead>
<tr>
<th>Category</th>
<th>Arizona</th>
<th>United States</th>
</tr>
</thead>
<tbody>
<tr>
<td>Family/personal business</td>
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</table>
VALORIZATION OF FREIGHT FLOW

$353.5b ▲ 4.3%
Current dollars, 2018 2012-2018

TONS OF FREIGHT FLOW

252.8m ▲ 6.7%
2018 2012-2018

TON-MILES OF FREIGHT FLOW

99.8b ▲ 4.7%
2018 2012-2018

ARIZONA INTERSTATE FREIGHT FLOWS, 2018

STATE GROSS DOMESTIC PRODUCT

$348.3b ▲ 34.3%
Current dollars, 2018 2008-2018

STATE AND LOCAL GOVERNMENT TRANSPORTATION REVENUES AND EXPENDITURES

Millions of current dollars, 2017

Highway Transit Air Water
1,098 105 488
761 510
2,517

TOP COMMODITIES SHIPPED FROM ARIZONA

By value moved in billions of current dollars, 2018
Electronics $15.7
Misc. mfg. prods. $11.3
Pharmaceuticals $10.3
Mixed freight $7.3
Transport equip. $7.2

By weight moved in millions of tons, 2018
Coal-n.e.c. 15.3
Other foodstuffs 3.0
Other ag prods. 2.3
Nonmetallic minerals 1.5
Mixed freight 1.4

TOP COMMODITIES SHIPPED TO ARIZONA

By value moved in billions of current dollars, 2018
Electronics $22.1
Motorized vehicles $12.5
Misc. mfg. prods. $11.4
Machinery $9.7
Coal-n.e.c. $8.7

By weight moved in millions of tons, 2018
Coal-n.e.c. 29.5
Other foodstuffs 5.1
Coal 4.5
Nonmetal min. prods. 2.5
Wood prods. 1.8

TOP COMMODITIES SHIPPED WITHIN ARIZONA

By value moved in billions of current dollars, 2018
Mixed freight $15.1
Pharmaceuticals $12.0
Electronics $11.9
Machinery $5.3
Other foodstuffs $5.2

By weight moved in millions of tons, 2018
Gravel 61.8
Nonmetal min. prods. 14.1
Waste/scrap 9.7
Natural sands 9.1
Other foodstuffs 7.5

ARIZONA TRANSPORTATION BY THE NUMBERS
RAIL FATALITIES
13  ▼ -7.1%
2018  2008-2018

TRANSIT FATALITIES
5  ▲ 150.0%
2018  2008-2018

RECREATIONAL BOAT FATALITIES
11  ▲ 83.3%
2018  2008-2018

HIGHWAY FATALITIES
1,010  ▲ 7.7%
2018  2008-2018

HIGHWAY FATALITY RATE
Fatalities per 100 million vehicle miles traveled, 2018

Arizona  1.53
United States  1.13

HIGHWAY FATALITIES BY PERSON

ENERGY USE BY SECTOR
Percent of Btu consumed, 2017

TRANSPORTATION ENERGY USE
Trillion Btu consumed, 2007-2017

TRANSPORTATION EMISSIONS
Million metric tons of CO₂, 2007-2017

TRANSPORTATION ENERGY USE PER CAPITA
Million Btu per capita, 2017

Arizona  69.5
United States  86.2

HIGHWAY MOTOR FUEL USE PER CAPITA
Gallons per capita, 2018

Arizona  395.1
United States  416.2

ALTERNATIVE FUEL STATIONS
Number of stations, 2016-2018

Electric  1,016  1,066  1,348
Ethanol  25  21  22
Compressed Natural Gas  36  30  26
Biodiesel  76  76  77