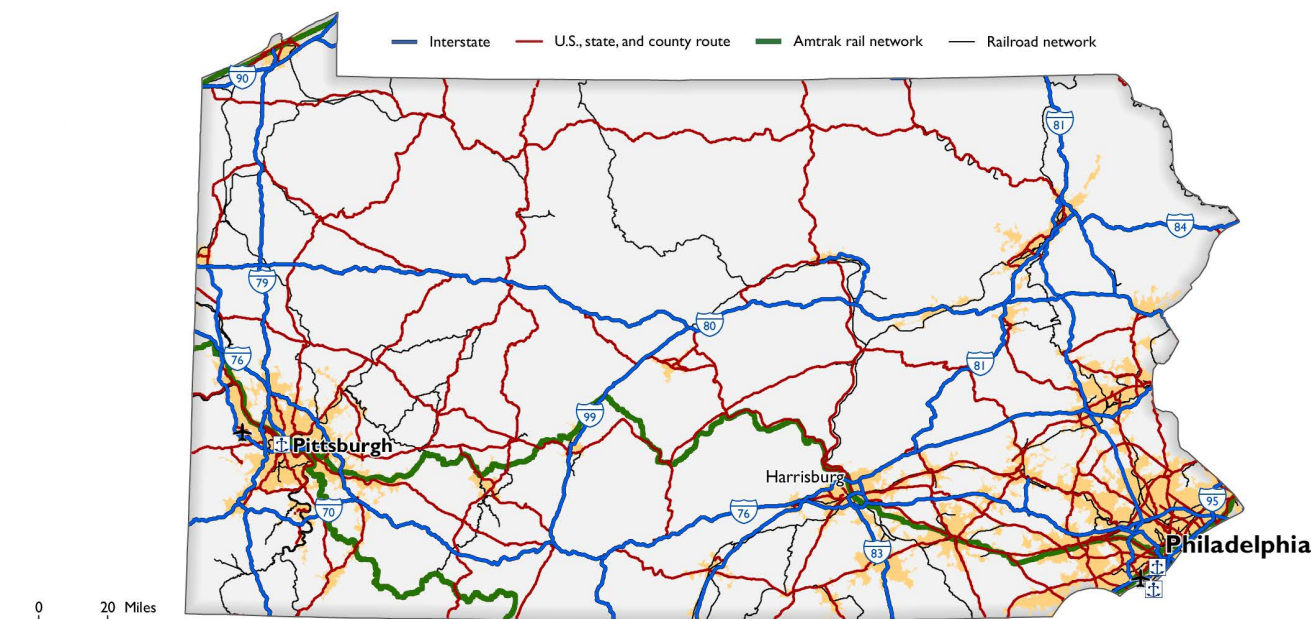


Pennsylvania

Transportation by the Numbers

Transportation Infrastructure



Miles of Public Road

120,590

ROAD CONDITION
Good or Fair

71.5%

Roads with acceptable pavement
ride quality based on International
Roughness Index

Miles of Freight Railroad

5,130

Miles of Waterway

260

Number of MPOs

19

Bridges

22,737

BRIDGE DECK AREA CONDITION
Good 27.4%
Fair 64.2%
Poor 8.4%

Major Airports

16

Includes Federal Aviation
Administration Part-139 public use
airports.

Major Water Ports

5

Includes ports ranked in the top 150
ports by tonnage in 2017.



POPULATION

12.8m

2019

▲ 1.1%

2009-2019

EMPLOYMENT

5.9m

2018

▲ 3.7%

2008-2018

LICENSED DRIVERS

9.0m

2018

▲ 4.0%

2008-2018

REGISTERED VEHICLES

10.7m

2017

▲ 7.6%

2007-2017

TRANSIT RIDERSHIP

421.6m

2018

▼ -6.1%

2008-2018

AIR CARRIER ENPLANEMENTS

21.7m

2018

▲ 0.9%

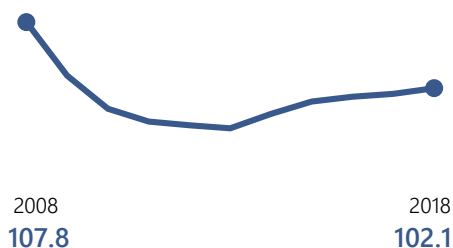
2008-2018

HIGHWAY TRAVEL

Billions of vehicle miles traveled

2008-2018

▼ -5.3%



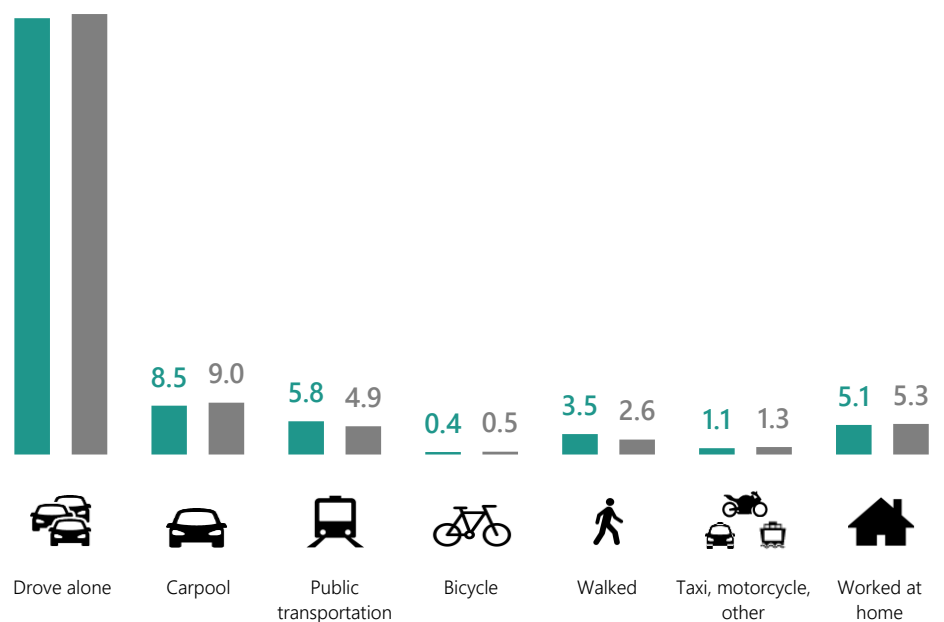
HOW RESIDENTS GET TO WORK

Percentage of workers over age 16, 2018

75.6 76.3

■ Pennsylvania

■ United States



AVERAGE DAILY PERSON MILES

Miles per person per day, 2017



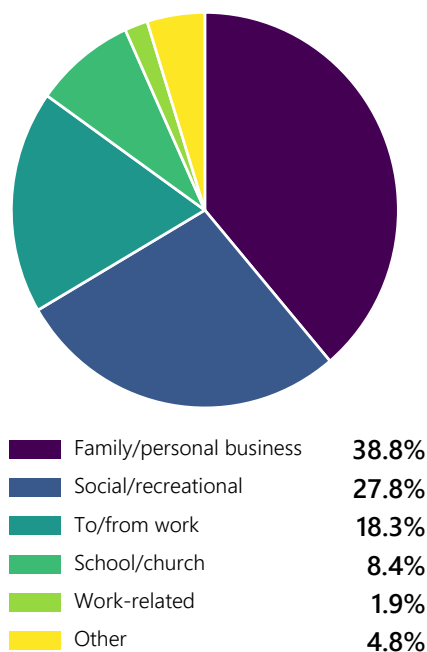
AVERAGE DAILY PERSON TRIPS

Trips per person per day, 2017



PASSENGER TRAVEL BY TRIP PURPOSE

Percentage of annual person trips, 2017



TRANSPORTATION INDUSTRY JOBS

180.7k

2018

▲ 14.3%

2008-2018

Truck transportation

67,866

▲ 10.1%

Transit and ground passenger transportation

42,891

▲ 11.8%

Air transportation

13,193

▲ 3.9%

Other

56,616

▲ 25.0%

VALUE OF FREIGHT FLOW

\$1.2t

▲ 4.4%

Current dollars, 2018

2012-2018

TONS OF FREIGHT FLOW

931.9m

▲ 10.9%

2018

2012-2018

TON-MILES OF FREIGHT FLOW

278.2b

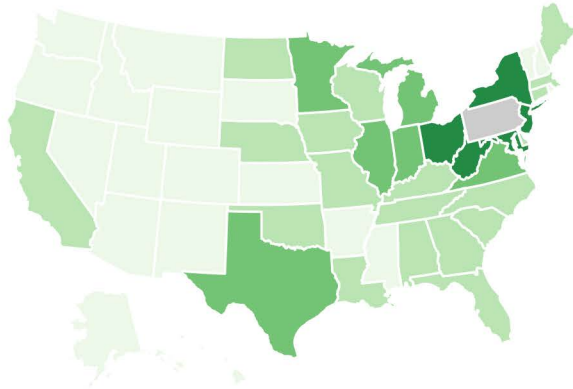
▲ 12.3%

2018

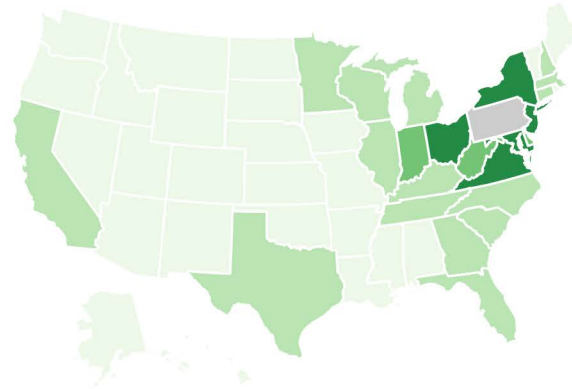
2012-2018

PENNSYLVANIA INTERSTATE FREIGHT FLOWS, 2018

Inbound



Outbound



Millions of tons

0-1 1-5 5-10 10+

STATE GROSS DOMESTIC PRODUCT

\$783.2b

▲ 34.5%

Current dollars, 2018

2008-2018

TOP COMMODITIES SHIPPED FROM PENNSYLVANIA

By value moved in billions of current dollars, 2018

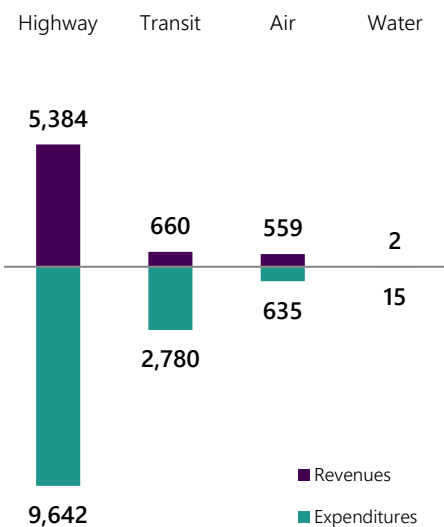
By weight moved in millions of tons, 2018

Mixed freight	\$48.7
Pharmaceuticals	\$39.4
Coal-n.e.c.	\$37.4
Base metals	\$28.4
Electronics	\$28.0

Coal-n.e.c.	102.1
Coal	46.2
Base metals	15.4
Mixed freight	14.9
Nonmetal min. prods.	13.6

STATE AND LOCAL GOVERNMENT TRANSPORTATION REVENUES AND EXPENDITURES

Millions of current dollars, 2017



TOP COMMODITIES SHIPPED TO PENNSYLVANIA

By value moved in billions of current dollars, 2018

By weight moved in millions of tons, 2018

Electronics	\$37.7
Pharmaceuticals	\$36.3
Motorized vehicles	\$32.4
Mixed freight	\$28.1
Other foodstuffs	\$26.4

Coal-n.e.c.	36.0
Other foodstuffs	19.7
Coal	19.5
Waste/scrap	11.7
Natural sands	10.2

TOP COMMODITIES SHIPPED WITHIN PENNSYLVANIA

By value moved in billions of current dollars, 2018

By weight moved in millions of tons, 2018

Mixed freight	\$36.3
Coal-n.e.c.	\$30.0
Pharmaceuticals	\$21.5
Base metals	\$16.8
Other foodstuffs	\$15.5

Coal-n.e.c.	96.6
Gravel	66.3
Coal	27.6
Waste/scrap	24.5
Nonmetal min. prods.	24.5

RAIL FATALITIES



TRANSIT FATALITIES



RECREATIONAL BOAT FATALITIES



HIGHWAY FATALITIES

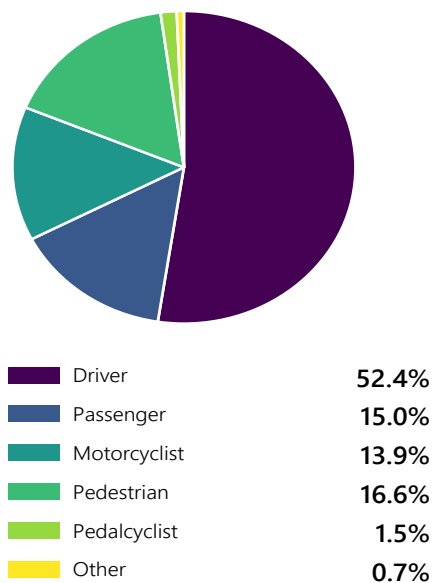


HIGHWAY FATALITY RATE

Fatalities per 100 million vehicle miles traveled, 2018

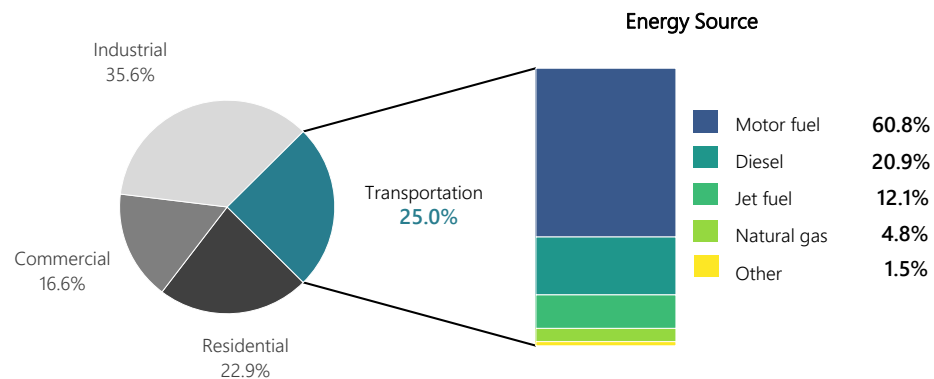


HIGHWAY FATALITIES BY PERSON



ENERGY USE BY SECTOR

Percent of Btu consumed, 2017



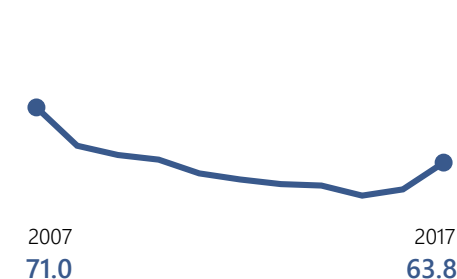
TRANSPORTATION ENERGY USE

Trillion Btu consumed, 2007-2017



TRANSPORTATION EMISSIONS

Million metric tons of CO₂, 2007-2017



TRANSPORTATION ENERGY USE PER CAPITA

Million Btu per capita, 2017



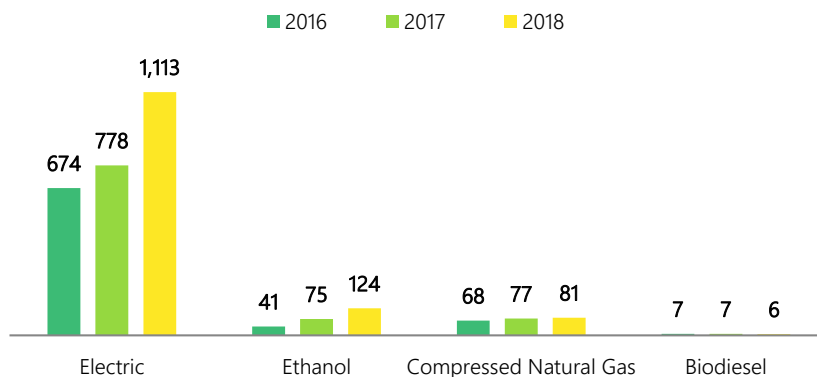
HIGHWAY MOTOR FUEL USE PER CAPITA

Gallons per capita, 2018



ALTERNATIVE FUEL STATIONS

Number of stations, 2016-2018



Sources: Roads, Bridges, Licensed Drivers, Vehicle Miles Traveled, Motor Fuel Use-Federal Highway Administration. Railroads-American Association of Railroads. Airports-Federal Aviation Administration. Ports, Border Ports, Enplanements-Bureau of Transportation Statistics. Population, Employment, Commuting-U.S. Census Bureau. Transit Ridership, Transit Safety-Federal Transit Administration. Personal Travel-Federal Highway Administration, National Household Travel Survey. Freight-Bureau of Transportation Statistics, Freight Analysis Framework. GDP-Bureau of Economic Analysis. Highway Safety-National Highway Traffic Safety Administration. Rail Safety-Federal Railroad Administration. Recreational Boating Safety-U.S. Coast Guard. Energy Consumption, Emissions-Energy Information Administration. Alternative Fuel Stations-Alternative Fuels Data Center.