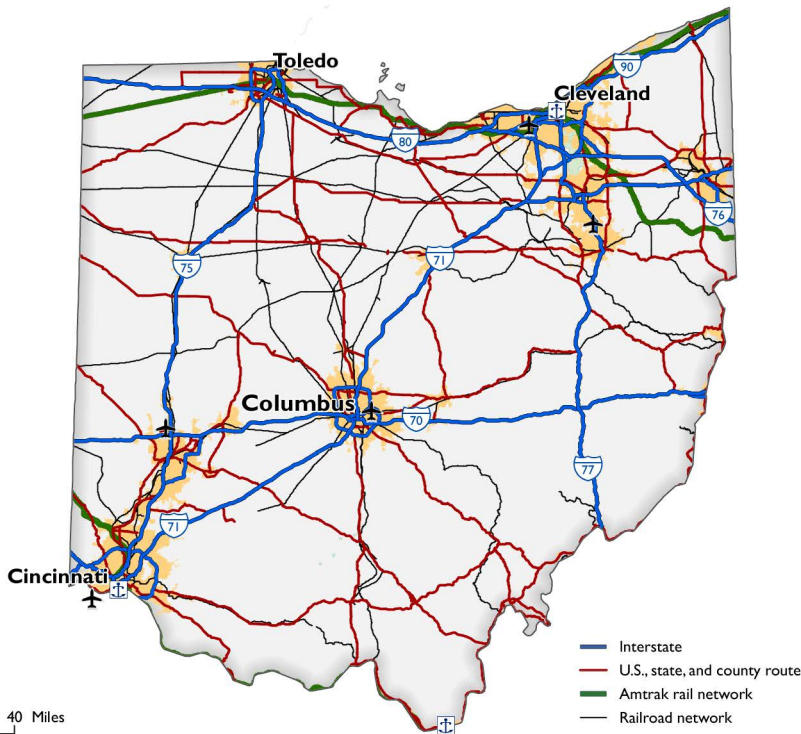


OHIO

TRANSPORTATION BY THE NUMBERS

TRANSPORTATION INFRASTRUCTURE



MAJOR AIRPORTS

12

Includes Federal Aviation Administration Part-139 public use airports.

MAJOR WATER PORTS

9

- Ashtabula
- Cincinnati
- Cleveland
- Conneaut
- Fairport Harbor
- Lorain
- Marblehead
- Sandusky
- Toledo

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

MILES OF PUBLIC ROAD

123,297

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

Ohio	86.5%
United States	80.4%

BRIDGES

26,972

Bridges classified as functionally obsolete, 2013:

Ohio	16.5%
United States	13.7%

Bridges classified as structurally deficient, 2013:

Ohio	7.7%
United States	10.1%

MILES OF FREIGHT RAILROAD

5,288

MILES OF WATERWAY

440

NUMBER OF MPOs

17



POPULATION

11.6m ▲ 1.2%
2013 2003-2013

EMPLOYMENT

4.6m ▼ -3.8%
2013 2003-2013

LICENSED DRIVERS

8.0m ▲ 4.9%
2013 2003-2013

REGISTERED VEHICLES

10.4m ▼ -1.7%
2013 2003-2013

TRANSIT RIDERSHIP

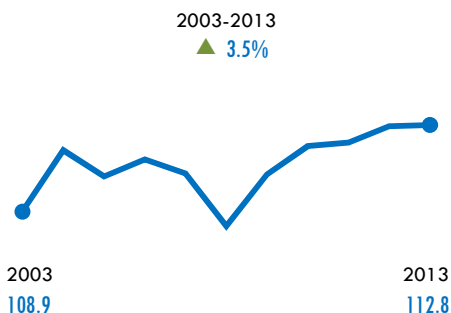
112.6m ▼ -14.3%
2013 2003-2013

AIR CARRIER ENPLANEMENTS

9.7m ▼ -5.8%
2013 2003-2013

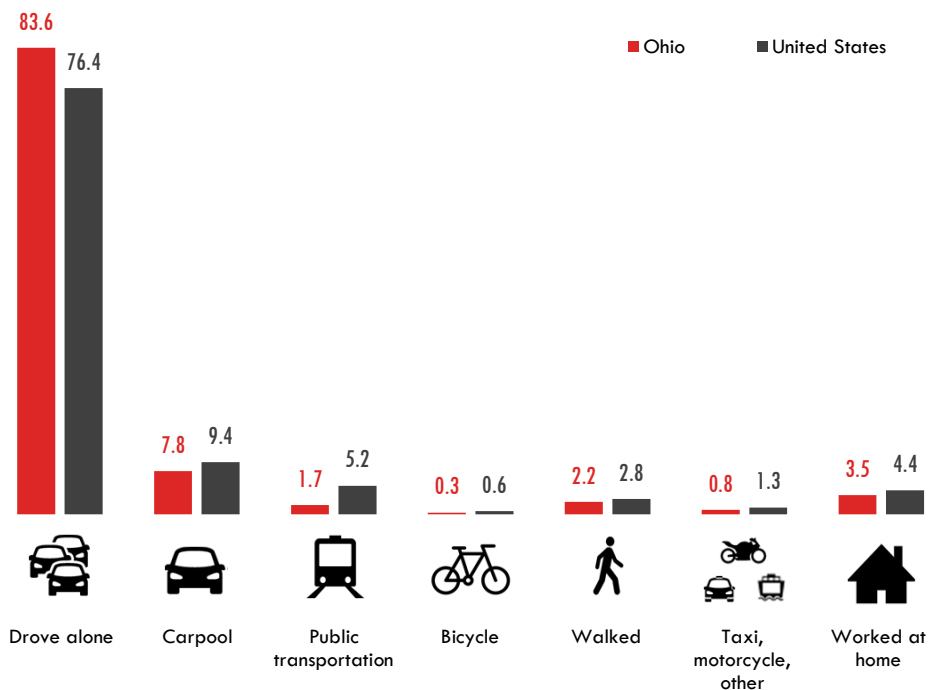
HIGHWAY TRAVEL

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



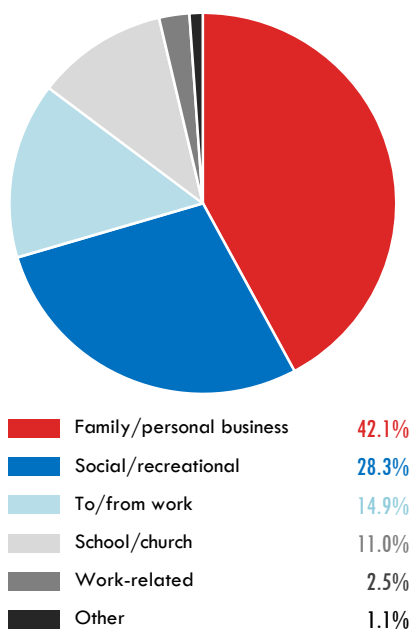
AVERAGE DAILY PERSON TRIPS

Trips per person per day, 2009



PASSENGER TRAVEL BY TRIP PURPOSE

Percentage of annual person trips, 2009



TRANSPORTATION INDUSTRY JOBS

158,169 ▼ -2.5%
2013 2003-2013

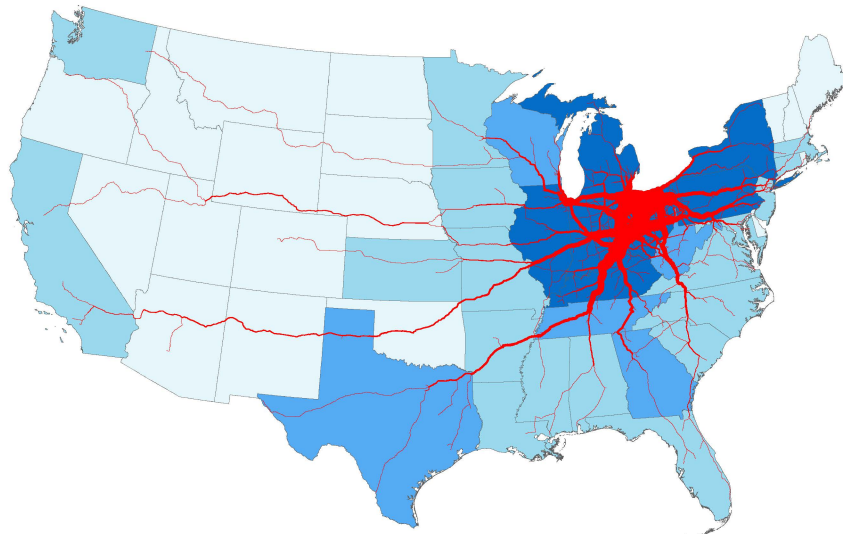
Truck transportation
59,256 ▼ -10.5%

Couriers and messengers
19,507 ▼ -28.3%

Support activities for transportation
19,182 ▲ 52.7%

Air transportation
10,906 ▼ -2.3%

MAJOR TRUCK FREIGHT FLOWS TO, FROM, AND WITHIN OHIO, 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

\$1.1t

Current dollars, 2013

▲ 5.5%

2007-2013

TONS OF FREIGHT FLOW

945.6m

2013

▲ 4.3%

2007-2013

TON-MILES OF FREIGHT FLOW

336.8b

2013

▲ 5.4%

2007-2013

STATE GROSS DOMESTIC PRODUCT

\$562.8b

Current dollars, 2013

▲ 13.8%

2003-2013

TOP COMMODITIES SHIPPED FROM OHIO

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

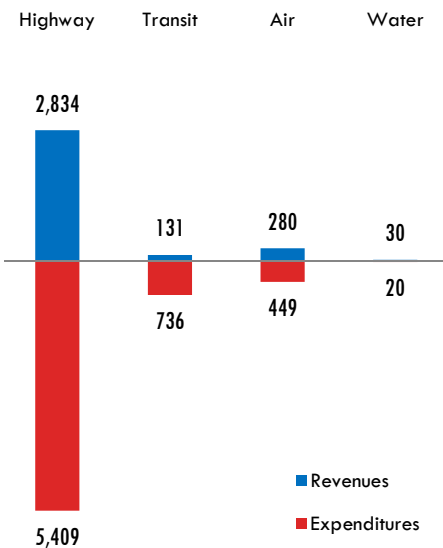
Motorized vehicles	\$62.4
Machinery	\$41.6
Base metals	\$29.6
Electronics	\$27.5
Chemical prods.	\$26.4

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

Base metals	28.2
Cereal grains	14.6
Other foodstuffs	12.0
Basic chemicals	10.1
Motorized vehicles	9.8

STATE AND LOCAL GOVERNMENT TRANSPORTATION REVENUES AND EXPENDITURES

Millions of current dollars, 2012



TOP COMMODITIES SHIPPED TO OHIO

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

Motorized vehicles	\$39.6
Electronics	\$33.1
Base metals	\$31.0
Machinery	\$29.3
Crude petroleum	\$24.6

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

Coal	47.2
Base metals	29.7
Coal-n.e.c.	28.4
Crude petroleum	26.5
Gravel	15.7

TOP COMMODITIES SHIPPED WITHIN OHIO

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

Machinery	\$36.0
Gasoline	\$26.4
Motorized vehicles	\$25.7
Mixed freight	\$24.5
Base metals	\$14.5

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

Gravel	69.6
Waste/scrap	45.3
Cereal grains	39.5
Nonmetal min. prods.	37.0
Natural sands	32.3

RAIL FATALITIES

31 ▲ 19.2%
2013 2003-2013

TRANSIT FATALITIES

2 ▼ -33.3%
2013 2003-2013

RECREATIONAL BOAT FATALITIES

13 ▼ -31.6%
2013 2003-2013

HIGHWAY FATALITIES

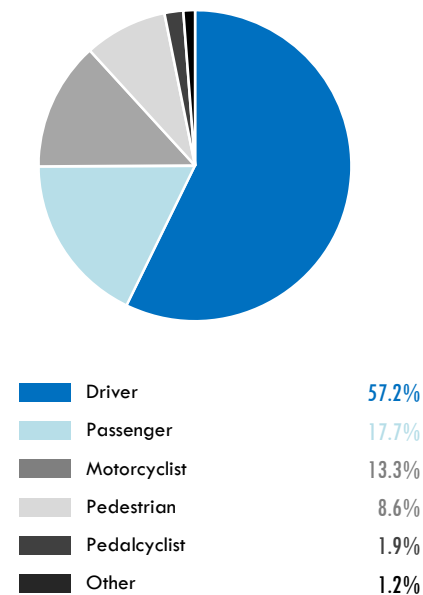
989 ▼ -22.4%
2013 2003-2013

HIGHWAY FATALITY RATE

Fatalities per 100 million vehicle miles traveled, 2013

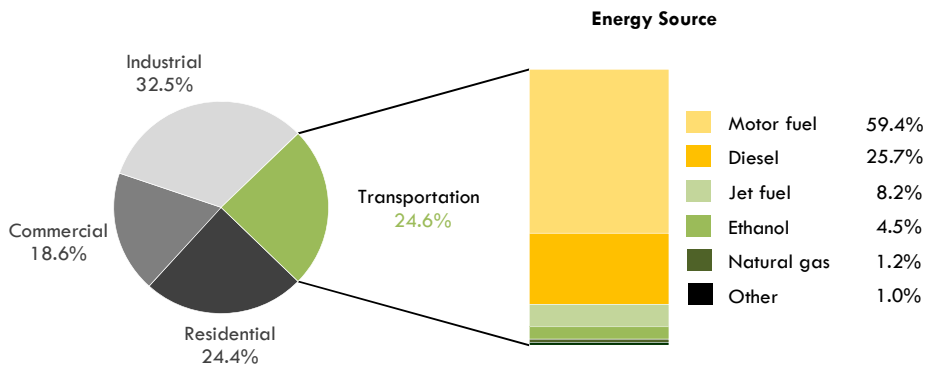


HIGHWAY FATALITIES BY PERSON



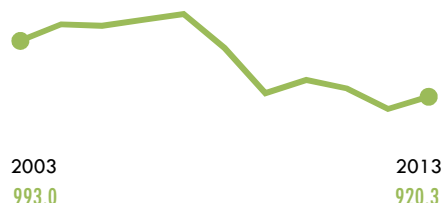
ENERGY USE BY SECTOR

Percent of Btu consumed, 2013



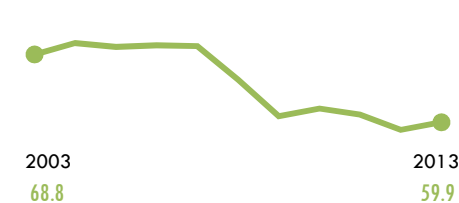
TRANSPORTATION ENERGY USE

Trillion Btu consumed, 2003-2013



TRANSPORTATION EMISSIONS

Million metric tons of CO₂, 2003-2013



TRANSPORTATION ENERGY USE PER CAPITA

Million Btu per capita, 2013



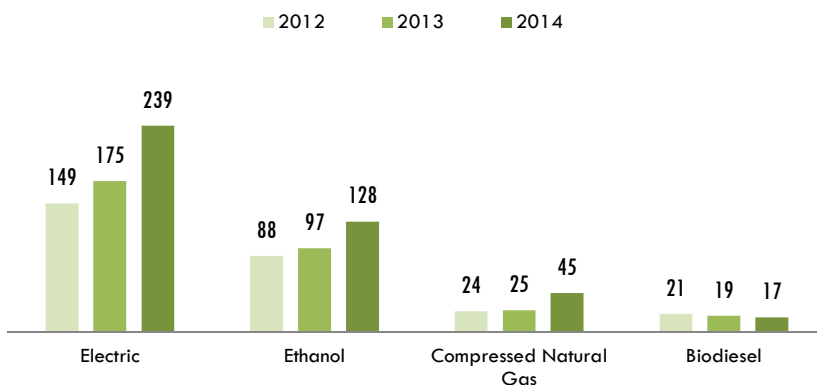
MOTOR FUEL USE PER CAPITA

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.