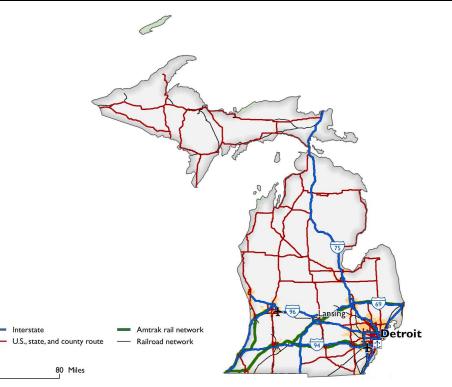
MICHIGAN TRANSPORTATION BY THE NUMBERS

TRANSPORTATION INFRASTRUCTURE



MILES OF PUBLIC ROAD

122,141

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

Michigan	88.9%
United States	80.4%

BRIDGES

11,064

Bridges classified o obsolete, 2013: Michigan United States	as functionally 15.9% 13.7%
Bridges classified of deficient, 2013: Michigan United States	as structurally 11.7% 10.1%

MILES OF FREIGHT RAILROAD

3,542

NUMBER OF MPOs

13

MAJOR AIRPORTS

20

Includes Federal Aviation Administration Part-139 public use airports.

MAJOR WATER PORTS

13

Alpena Calcite Detroit Drummond Island Escanaba Marquette Monroe Muskegon Port Dolomite Port Inland Presque Isle St. Clair Stoneport

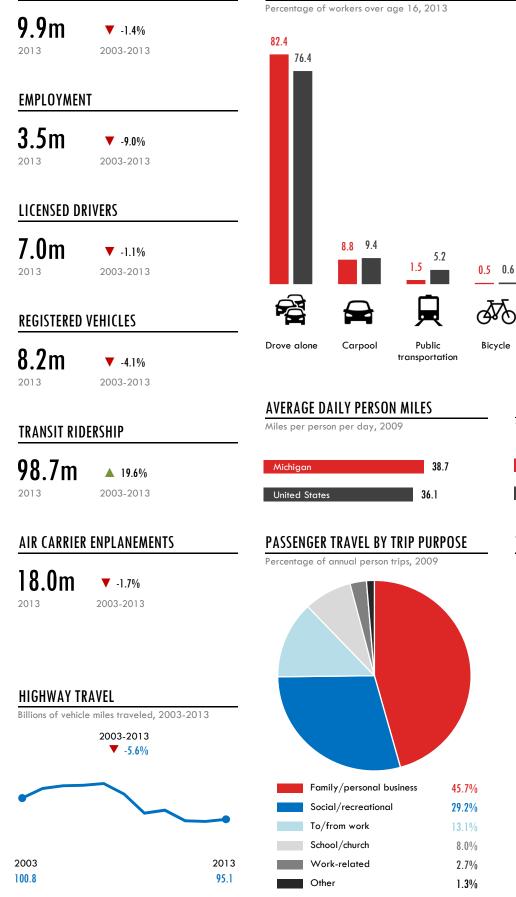
BORDER PORTS OF ENTRY

3

Detroit Port Huron Sault Ste. Marie

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





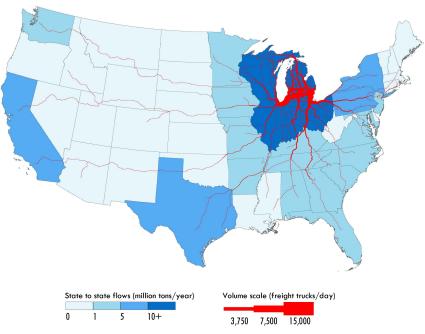
HOW RESIDENTS GET TO WORK

3.8 4.4 **2.2** 2.8 0.8 1.3 ð ₫ \bigcirc Walked Taxi, Worked at motorcycle, home other **AVERAGE DAILY PERSON TRIPS** Trips per person per day, 2009 4.28 Michigan 3.79 United States TRANSPORTATION INDUSTRY JOBS 100,454 **0.0%** 2013 2003-2013 Truck transportation 42,509 **4.2**% Support activities for transportation 13,606 **16.7%** Air transportation 12,545 **-20.4**% Couriers and messengers 10,797 ▼ -17.3%

Michigan

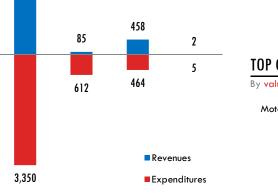
■United States

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



VALUE OF FREIGHT FLOW

		\$1.0t Current dollars, 2013	7.7% 2007-2013
5		TONS OF FREIGHT FLOW	
5		694.2m	▲ 7.8% 2007-2013
. Janes		TON-MILES OF FREIO	GHT FLOW
n tons/year) +	Volume scale (freight trucks/day) 3,750 7,500 15,000	287.9b	7.2% 2007-2013
(T	TOP COMMODITIES SHIPPED FROM MICHIGA By value moved in billions of current dollars, 2013	By weight moved in millio	
%	Motorized vehicles \$121.1 Machinery \$30.6	Base metals Motorized vehicles	18.9
013	Base metals \$20.0	Gravel	14.7
	Electronics \$15.4	Nonmetal min. prods.	9.1
-	Plastics/rubber \$14.9	Coal-n.e.c.	7.4
	TOP COMMODITIES SHIPPED TO MICHIGAN		
	By value moved in billions of current dollars, 2013	By weight moved in millio	ns of tons, 2013
Water	Motorized vehicles \$95.4	Coal-n.e.c.	26.6
	Machinery \$43.1	Coal	22.0
	Electronics \$32.5	Base metals	18.8
	Coal-n.e.c. \$23.6	Motorized vehicles	15.1
0	Base metals 📃 \$20.4	Basic chemicals	10.4
2	TOP COMMODITIES SHIPPED WITHIN MICHIC	GAN	
,	By value moved in billions of current dollars, 2013	By weight moved in millio	ns of tons, 2013
	Motorized vehicles \$101.0	Coal-n.e.c.	35.4



Air

STATE GROSS DOMESTIC PRODUCT

STATE AND LOCAL GOVERNMENT

REVENUES AND EXPENDITURES Millions of current dollars, 2012

Transit

1.3%

2003-2013

\$434.7b

Current dollars, 2013

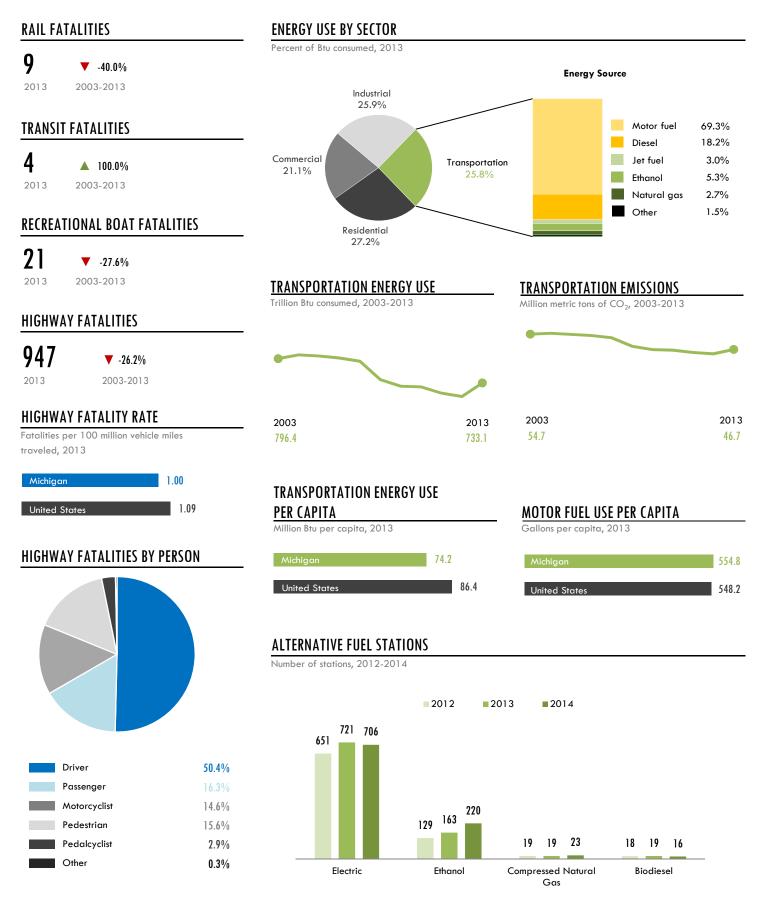
TRANSPORTATION

Highway

2,070



MICHIGAN TRANSPORTATION BY THE NUMBERS



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, State Transportation, State Transportation, State Soft, available at www.bts.gov.