

RAIL FATALITIES



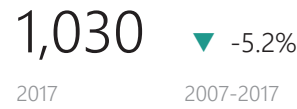
TRANSIT FATALITIES



RECREATIONAL BOAT FATALITIES



HIGHWAY FATALITIES

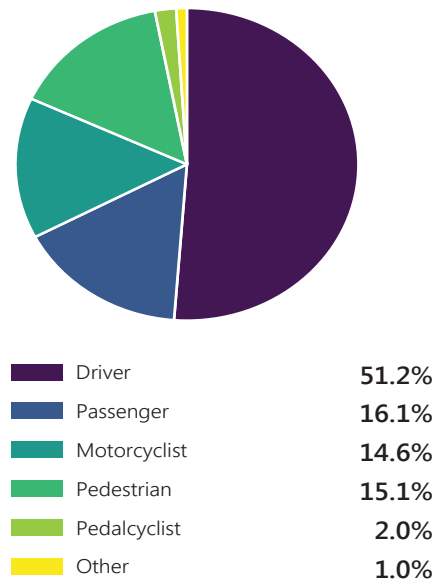


HIGHWAY FATALITY RATE

Fatalities per 100 million vehicle miles traveled, 2017

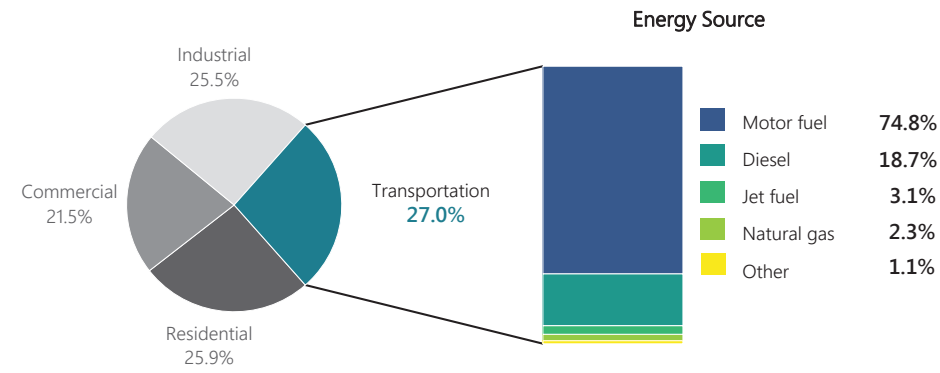


HIGHWAY FATALITIES BY PERSON



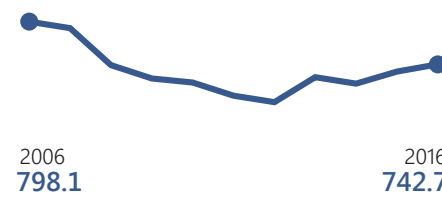
ENERGY USE BY SECTOR

Percent of Btu consumed, 2016



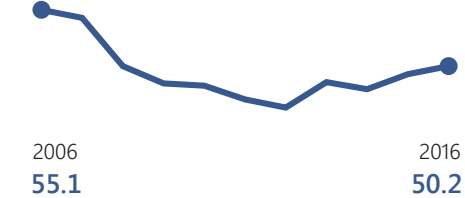
TRANSPORTATION ENERGY USE

Trillion Btu consumed, 2006-2016



TRANSPORTATION EMISSIONS

Million metric tons of CO₂, 2006-2016



TRANSPORTATION ENERGY USE PER CAPITA

Million Btu per capita, 2016



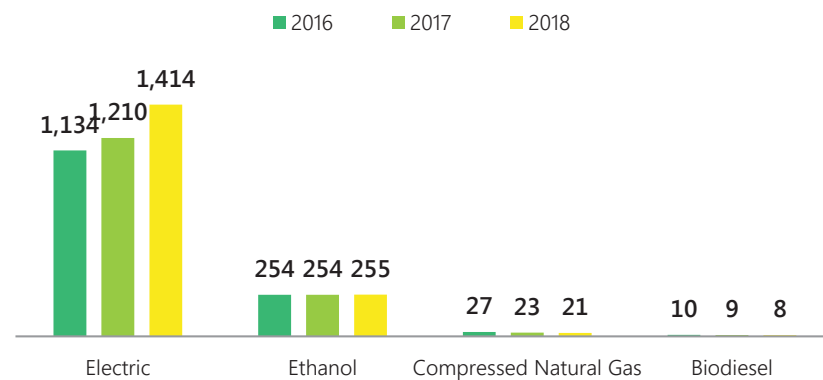
HIGHWAY MOTOR FUEL USE PER CAPITA

Gallons per capita, 2017



ALTERNATIVE FUEL STATIONS

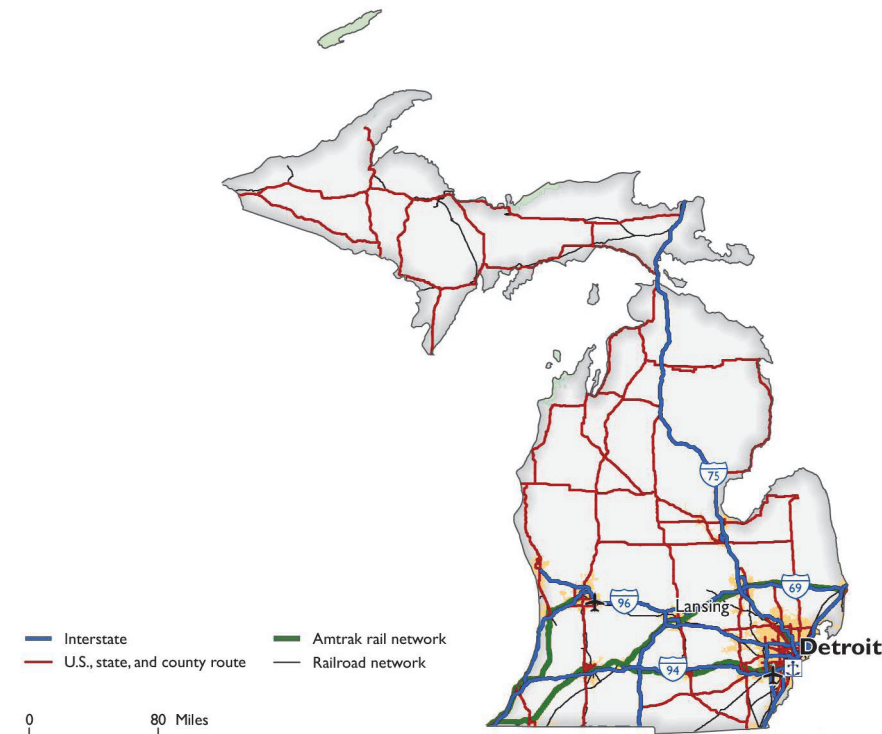
Number of stations, 2016-2018



Michigan

Transportation by the Numbers

Transportation Infrastructure



Major Airports

20

Includes Federal Aviation Administration Part-139 public use airports.

Major Water Ports

13

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

Border Ports of Entry

4

Miles of Public Road

122,036

ROAD CONDITION
 Good or Fair 76.3%

Roads with acceptable pavement ride quality based on International Roughness Index

Bridges

11,228

BRIDGE CONDITION
 Good 39.9%
 Fair 49.4%
 Poor 10.7%

Miles of Freight Railroad

2,417

Number of MPOs

13

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.

POPULATION



EMPLOYMENT



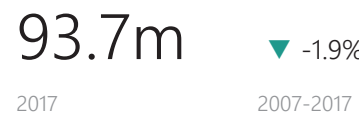
LICENSED DRIVERS



REGISTERED VEHICLES



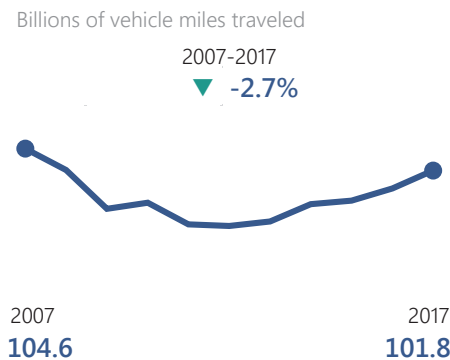
TRANSIT RIDERSHIP



AIR CARRIER ENPLANEMENTS

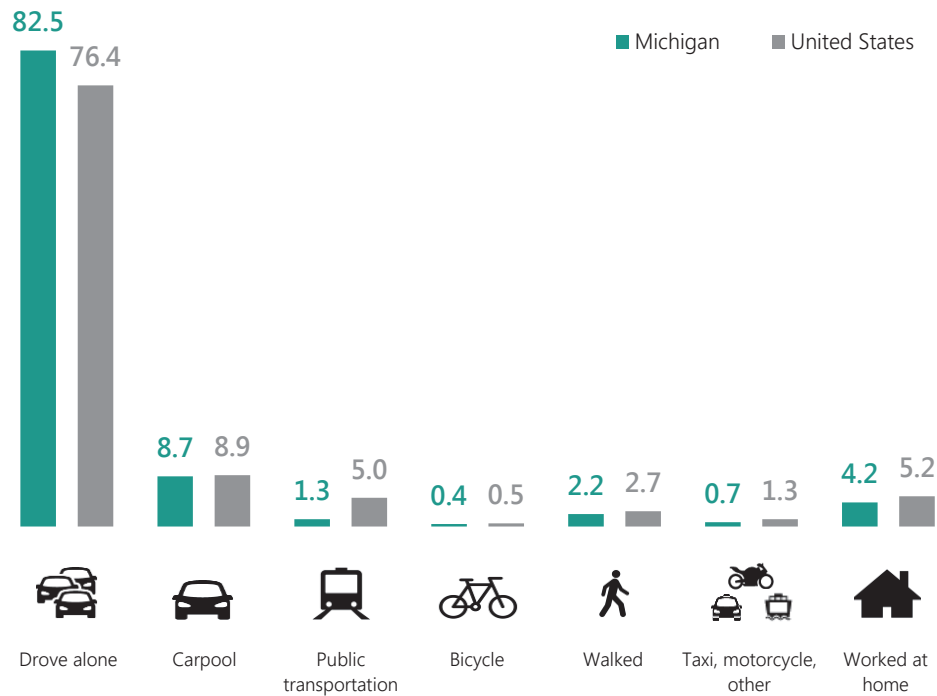


HIGHWAY TRAVEL



HOW RESIDENTS GET TO WORK

Percentage of workers over age 16, 2017



AVERAGE DAILY PERSON MILES

Miles per person per day, 2017



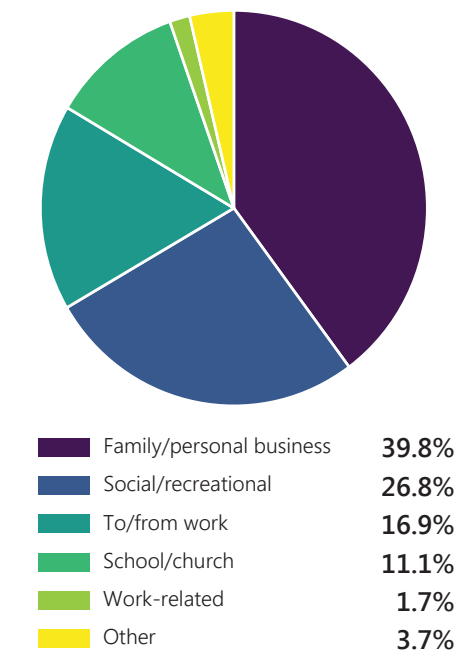
AVERAGE DAILY PERSON TRIPS

Trips per person per day, 2017

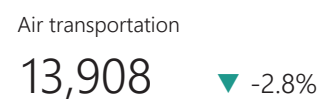
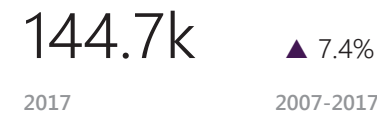


PASSENGER TRAVEL BY TRIP PURPOSE

Percentage of annual person trips, 2017



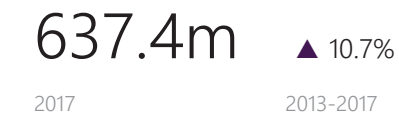
TRANSPORTATION INDUSTRY JOBS



VALUE OF FREIGHT FLOW



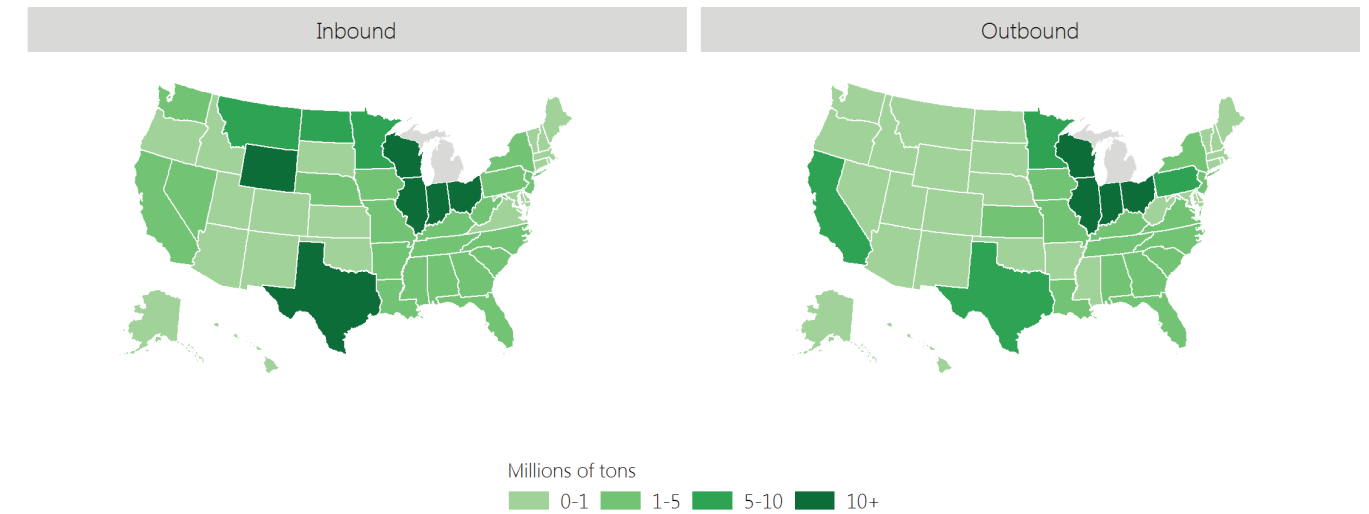
TONS OF FREIGHT FLOW



TON-MILES OF FREIGHT FLOW



MICHIGAN INTERSTATE FREIGHT FLOWS, 2017

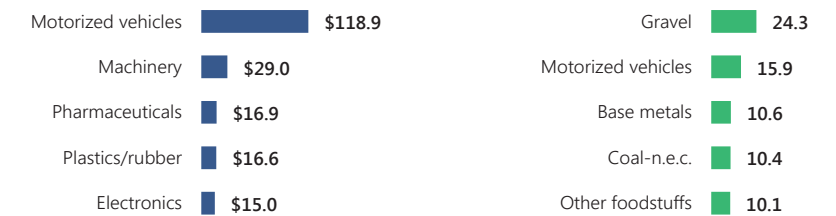


STATE GROSS DOMESTIC PRODUCT



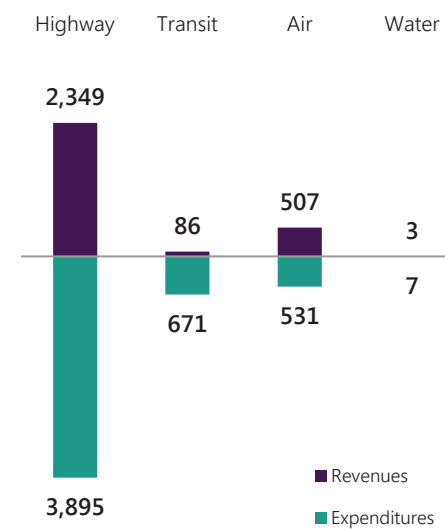
TOP COMMODITIES SHIPPED FROM MICHIGAN

By value moved in billions of current dollars, 2017 By weight moved in millions of tons, 2017



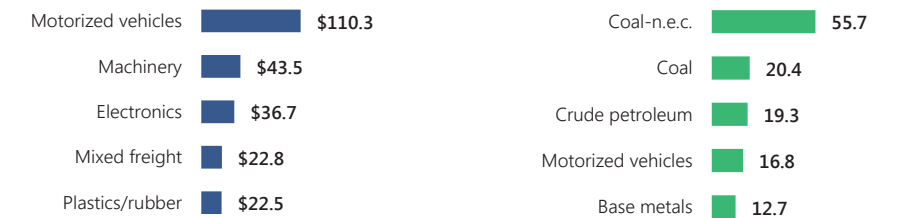
STATE AND LOCAL GOVERNMENT TRANSPORTATION REVENUES AND EXPENDITURES

Millions of current dollars, 2016



TOP COMMODITIES SHIPPED TO MICHIGAN

By value moved in billions of current dollars, 2017 By weight moved in millions of tons, 2017



TOP COMMODITIES SHIPPED WITHIN MICHIGAN

By value moved in billions of current dollars, 2017 By weight moved in millions of tons, 2017

