

WISCONSIN

TRANSPORTATION BY THE NUMBERS

TRANSPORTATION INFRASTRUCTURE



MAJOR AIRPORTS

9

Includes Federal Aviation Administration Part-139 public use airports.

MAJOR WATER PORTS

3

Duluth-Superior
Green Bay
Milwaukee

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

MILES OF PUBLIC ROAD

115,145

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

| | |
|---------------|-------|
| Wisconsin | 74.4% |
| United States | 80.4% |

BRIDGES

14,109

Bridges classified as functionally obsolete, 2013:

| | |
|---------------|-------|
| Wisconsin | 5.4% |
| United States | 13.7% |

Bridges classified as structurally deficient, 2013:

| | |
|---------------|-------|
| Wisconsin | 8.6% |
| United States | 10.1% |

MILES OF FREIGHT RAILROAD

3,449

MILES OF WATERWAY

230

NUMBER OF MPOs

14



POPULATION

5.7m ▲ 4.8%
2013 2003-2013

EMPLOYMENT

2.4m ▲ 0.7%
2013 2003-2013

LICENSED DRIVERS

4.2m ▲ 10.8%
2013 2003-2013

REGISTERED VEHICLES

5.3m ▲ 14.9%
2013 2003-2013

TRANSIT RIDERSHIP

70.6m ▼ -14.5%
2013 2003-2013

AIR CARRIER ENPLANEMENTS

4.8m ▼ -0.5%
2013 2003-2013

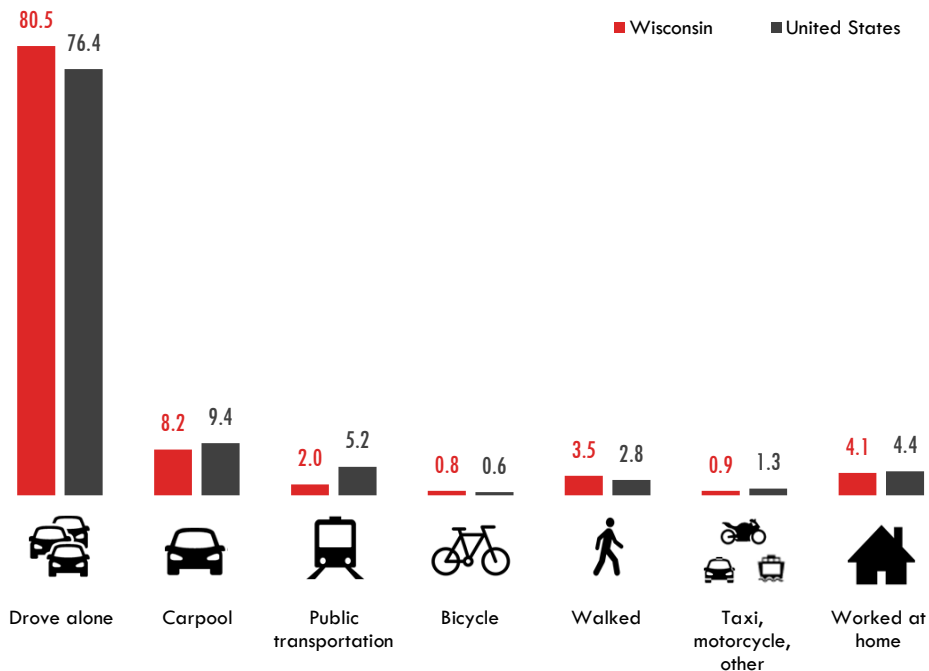
HIGHWAY TRAVEL

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



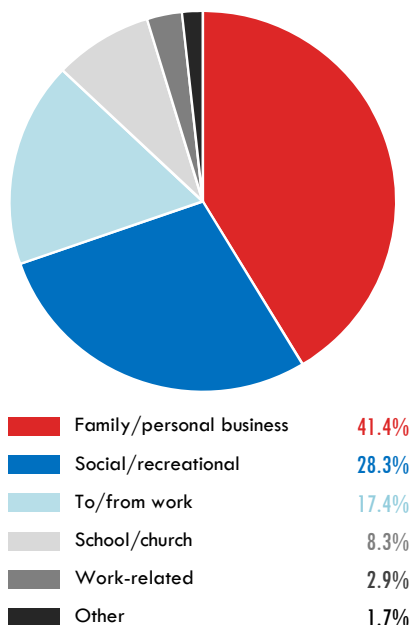
AVERAGE DAILY PERSON TRIPS

Trips per person per day, 2009



PASSENGER TRAVEL BY TRIP PURPOSE

Percentage of annual person trips, 2009



TRANSPORTATION INDUSTRY JOBS

93,997 ▲ 4.4%
2013 2003-2013

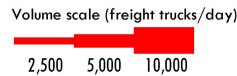
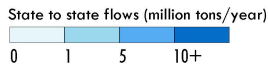
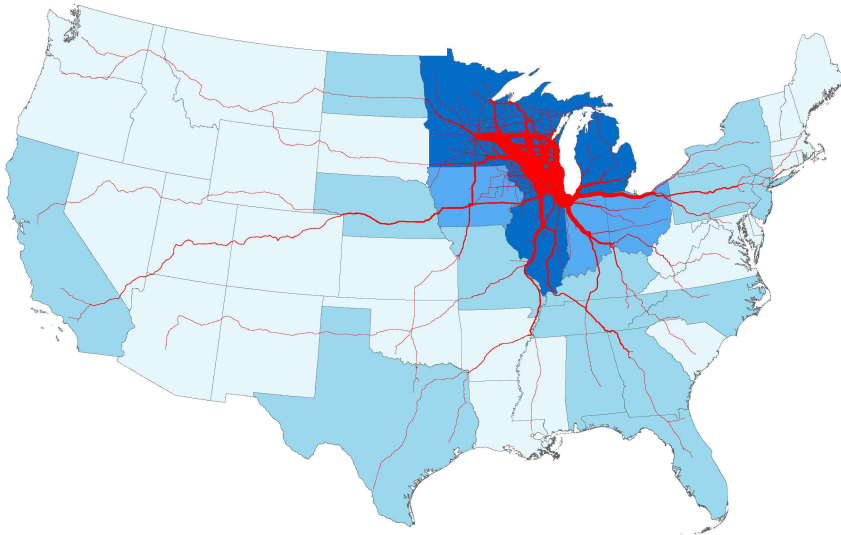
Truck transportation
48,066 ▲ 0.9%

Transit and ground passenger transportation
13,832 ▲ 0.3%

Couriers and messengers
8,537 ▼ -7.9%

Support activities for transportation
7,200 ▲ 49.4%

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



VALUE OF FREIGHT FLOW

\$499.7b ▲ 4.3%
Current dollars, 2013 2007-2013

TONS OF FREIGHT FLOW

490.0m ▲ 6.9%
2013 2007-2013

TON-MILES OF FREIGHT FLOW

201.2b ▲ 4.2%
2013 2007-2013

STATE GROSS DOMESTIC PRODUCT

\$284.7b ▲ 19.4%
Current dollars, 2013 2003-2013

TOP COMMODITIES SHIPPED FROM WISCONSIN

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

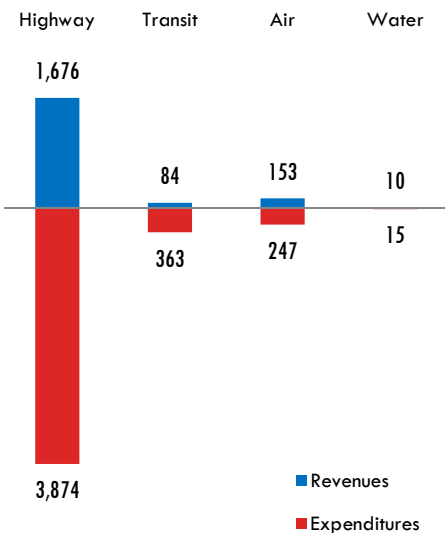
| | |
|--------------------|--------|
| Machinery | \$22.2 |
| Motorized vehicles | \$19.9 |
| Other foodstuffs | \$16.4 |
| Electronics | \$14.9 |
| Mixed freight | \$14.7 |

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

| | |
|------------------|------|
| Gravel | 16.3 |
| Base metals | 10.2 |
| Other foodstuffs | 8.4 |
| Natural sands | 6.8 |
| Cereal grains | 5.8 |

STATE AND LOCAL GOVERNMENT TRANSPORTATION REVENUES AND EXPENDITURES

Millions of current dollars, 2012



TOP COMMODITIES SHIPPED TO WISCONSIN

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

| | |
|--------------------|--------|
| Pharmaceuticals | \$14.7 |
| Motorized vehicles | \$14.4 |
| Electronics | \$13.3 |
| Machinery | \$13.0 |
| Base metals | \$10.5 |

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

| | |
|---------------|------|
| Coal | 35.0 |
| Metallic ores | 17.5 |
| Coal-n.e.c. | 11.0 |
| Cereal grains | 10.6 |
| Base metals | 7.3 |

TOP COMMODITIES SHIPPED WITHIN WISCONSIN

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

| | |
|--------------------|--------|
| Machinery | \$20.1 |
| Mixed freight | \$13.0 |
| Other foodstuffs | \$12.0 |
| Motorized vehicles | \$9.1 |
| Gasoline | \$6.4 |

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

| | |
|----------------------|------|
| Cereal grains | 43.3 |
| Gravel | 30.8 |
| Nonmetal min. prods. | 27.4 |
| Waste/scrap | 17.7 |
| Other ag prods. | 17.1 |

RAIL FATALITIES

6 ▼ -62.5%
2013 2003-2013

TRANSIT FATALITIES

1 — 0.0%
2013 2003-2013

RECREATIONAL BOAT FATALITIES

12 ▼ -40.0%
2013 2003-2013

HIGHWAY FATALITIES

543 ▼ -36.0%
2013 2003-2013

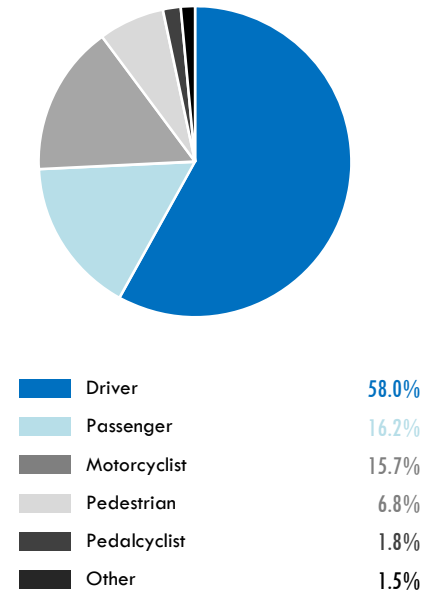
HIGHWAY FATALITY RATE

Fatalities per 100 million vehicle miles traveled, 2013

Wisconsin 0.91

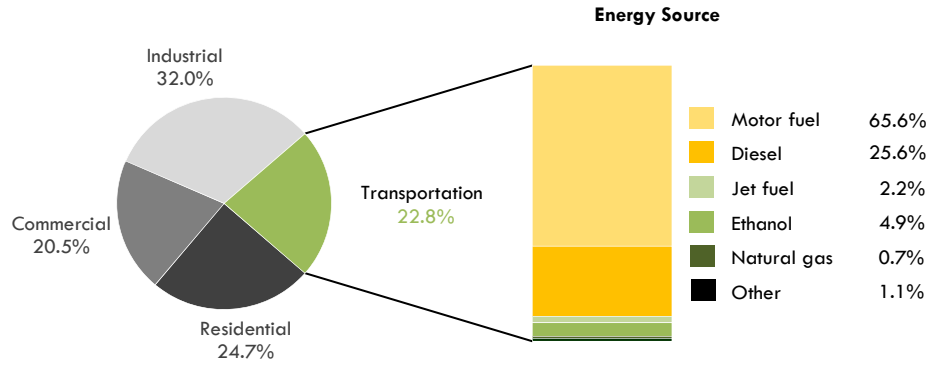
United States 1.09

HIGHWAY FATALITIES BY PERSON



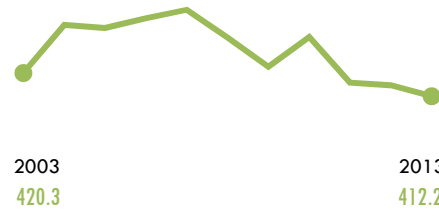
ENERGY USE BY SECTOR

Percent of Btu consumed, 2013



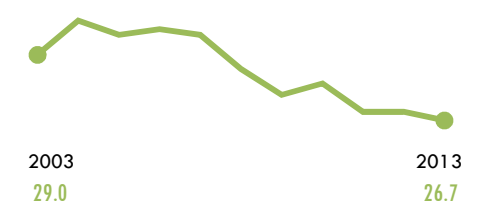
TRANSPORTATION ENERGY USE

Trillion Btu consumed, 2003-2013



TRANSPORTATION EMISSIONS

Million metric tons of CO₂, 2003-2013



TRANSPORTATION ENERGY USE PER CAPITA

Million Btu per capita, 2013



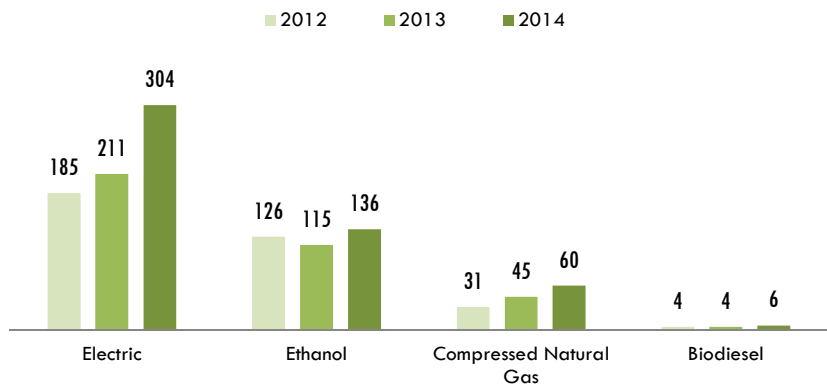
MOTOR FUEL USE PER CAPITA

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.