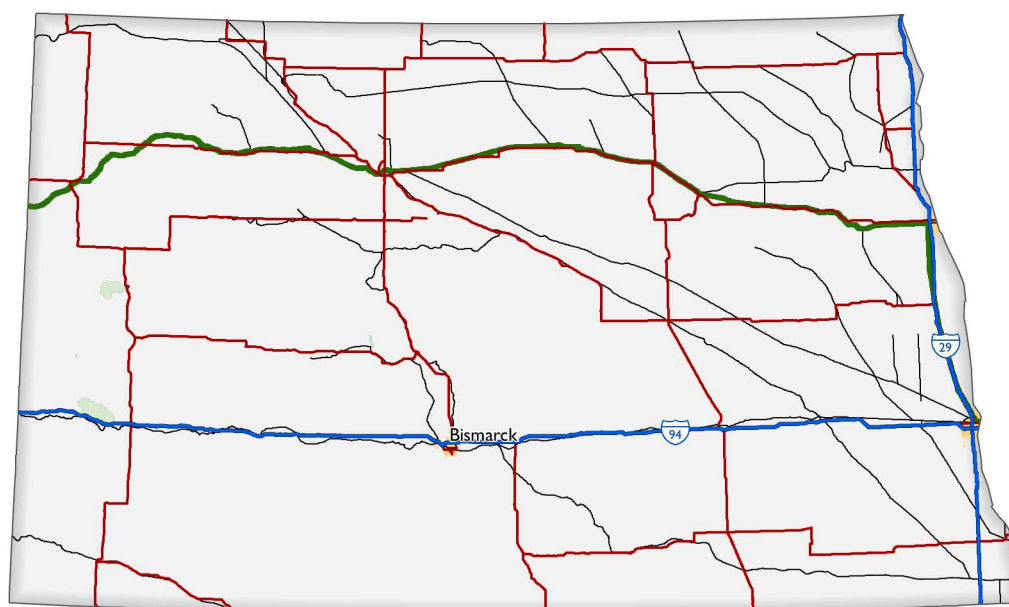


NORTH DAKOTA

TRANSPORTATION BY THE NUMBERS

TRANSPORTATION INFRASTRUCTURE



0 40 Miles

— Interstate — U.S., state, and county route — Amtrak rail network — Railroad network

BORDER PORTS OF ENTRY

18

MAJOR AIRPORTS

8

Includes Federal Aviation Administration Part-139 public use airports.

MILES OF PUBLIC ROAD

87,078

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

North Dakota	94.8%
United States	80.4%

BRIDGES

4,424

Bridges classified as functionally obsolete, 2013:

North Dakota	5.5%
United States	13.7%

Bridges classified as structurally deficient, 2013:

North Dakota	15.8%
United States	10.1%

MILES OF FREIGHT RAILROAD

3,330

NUMBER OF MPOs

3



POPULATION

723.9k ▲ 13.3%
2013 2003-2013

EMPLOYMENT

342.7k ▲ 32.4%
2013 2003-2013

LICENSED DRIVERS

513.8k ▲ 11.8%
2013 2003-2013

REGISTERED VEHICLES

845.1k ▲ 21.7%
2013 2003-2013

TRANSIT RIDERSHIP

2.5m ▲ 65.4%
2013 2003-2013

AIR CARRIER ENPLANEMENTS

1.1m ▲ 101.3%
2013 2003-2013

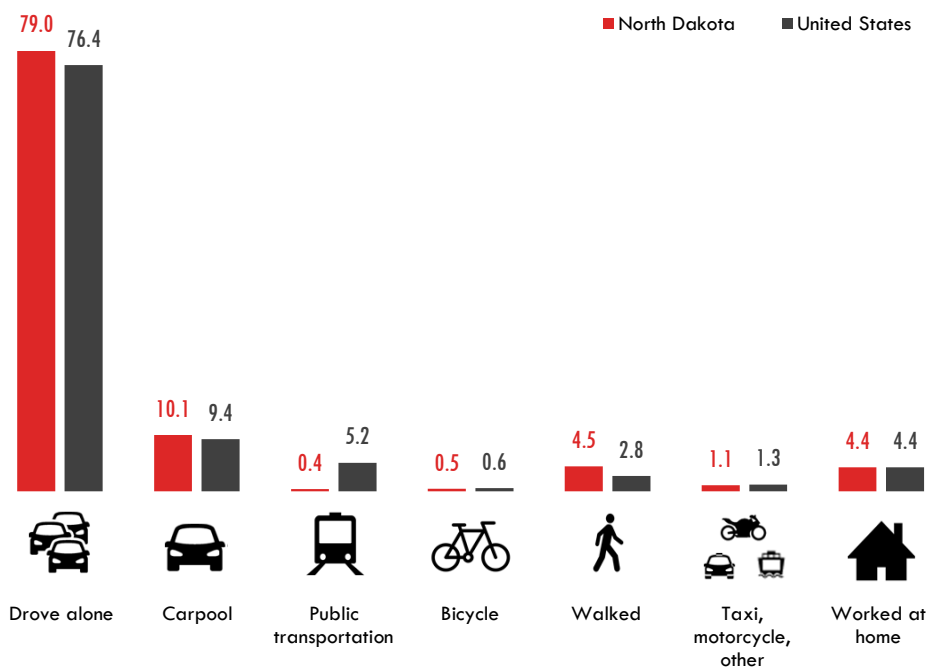
HIGHWAY TRAVEL

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



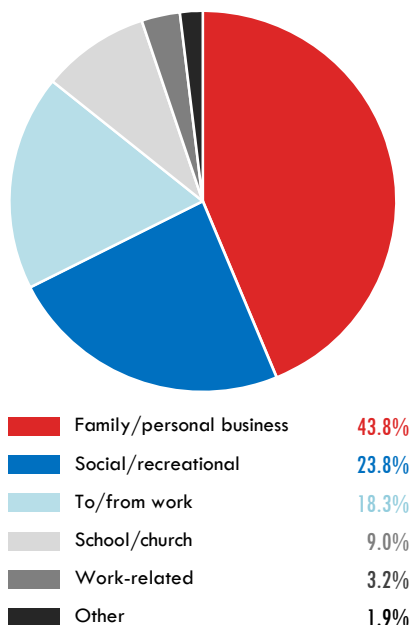
AVERAGE DAILY PERSON TRIPS

Trips per person per day, 2009



PASSENGER TRAVEL BY TRIP PURPOSE

Percentage of annual person trips, 2009



TRANSPORTATION INDUSTRY JOBS

18,846 ▲ 116.6%
2013 2003-2013

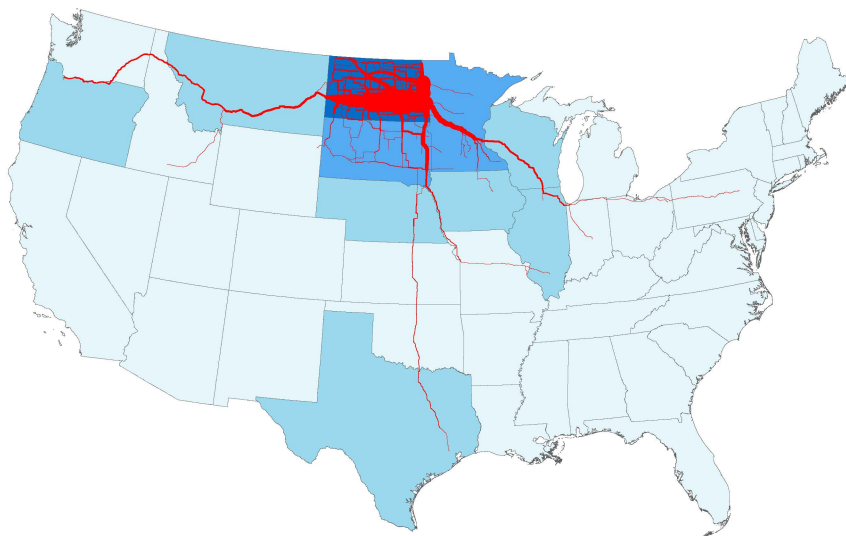
Truck transportation
13,887 ▲ 162.8%

Support activities for transportation
1,528 ▲ 142.5%

Couriers and messengers
1,204 0.0%

Transit and ground passenger transportation
1,038 ▲ 6.9%

MAJOR TRUCK FREIGHT FLOWS TO, FROM, AND WITHIN NORTH DAKOTA, 2010



State to state flows (million tons/year)

0 1 5 10+

Volume scale (freight trucks/day)

1,250 2,500 5,000

VALUE OF FREIGHT FLOW

\$153.8b ▲ 34.4%

Current dollars, 2013 2007-2013

TONS OF FREIGHT FLOW

283.0m ▲ 23.2%

2013 2007-2013

TON-MILES OF FREIGHT FLOW

184.8b ▲ 60.7%

2013 2007-2013

STATE GROSS DOMESTIC PRODUCT

\$51.0b ▲ 97.3%

Current dollars, 2013 2003-2013

TOP COMMODITIES SHIPPED FROM NORTH DAKOTA

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

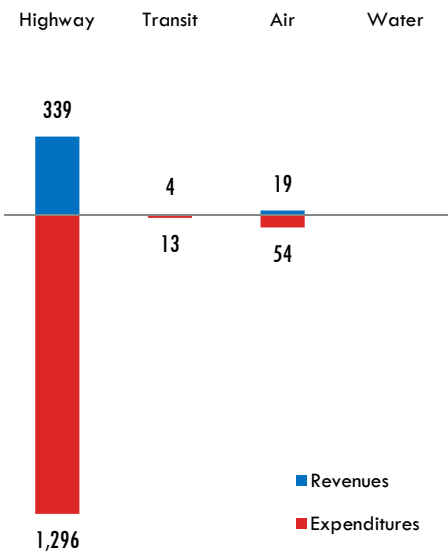
Crude petroleum	\$33.6
Coal-n.e.c.	\$12.2
Machinery	\$5.5
Cereal grains	\$3.3
Other foodstuffs	\$2.7

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

Crude petroleum	48.8
Cereal grains	17.8
Coal-n.e.c.	13.7
Fertilizers	5.3
Other foodstuffs	4.4

STATE AND LOCAL GOVERNMENT TRANSPORTATION REVENUES AND EXPENDITURES

Millions of current dollars, 2012



TOP COMMODITIES SHIPPED TO NORTH DAKOTA

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

Machinery	\$8.4
Motorized vehicles	\$5.3
Electronics	\$2.7
Base metals	\$2.2
Articles-base metal	\$2.1

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

Cereal grains	6.2
Coal	3.3
Nonmetal min. prods.	3.0
Base metals	2.3
Animal feed	1.9

TOP COMMODITIES SHIPPED WITHIN NORTH DAKOTA

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

Cereal grains	\$6.6
Coal-n.e.c.	\$5.3
Machinery	\$3.2
Crude petroleum	\$2.3
Other ag prods.	\$1.3

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

Cereal grains	53.4
Coal	35.6
Gravel	10.4
Coal-n.e.c.	9.5
Other ag prods.	3.7

RAIL FATALITIES

5 ▼ -16.7%
2013 2003-2013

TRANSIT FATALITIES

0 — 0.0%
2013 2003-2013

RECREATIONAL BOAT FATALITIES

2 ▼ -33.3%
2013 2003-2013

HIGHWAY FATALITIES

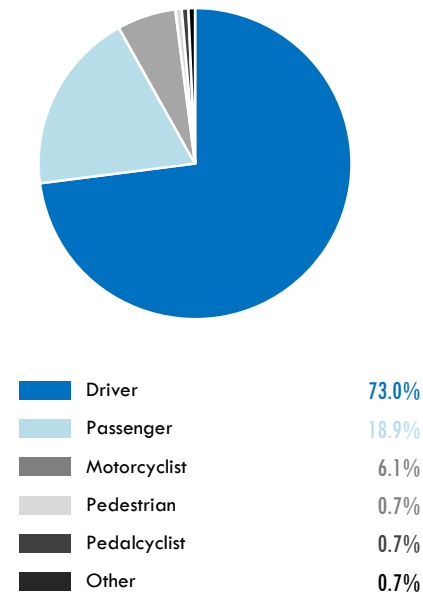
148 ▲ 41.0%
2013 2003-2013

HIGHWAY FATALITY RATE

Fatalities per 100 million vehicle miles traveled, 2013

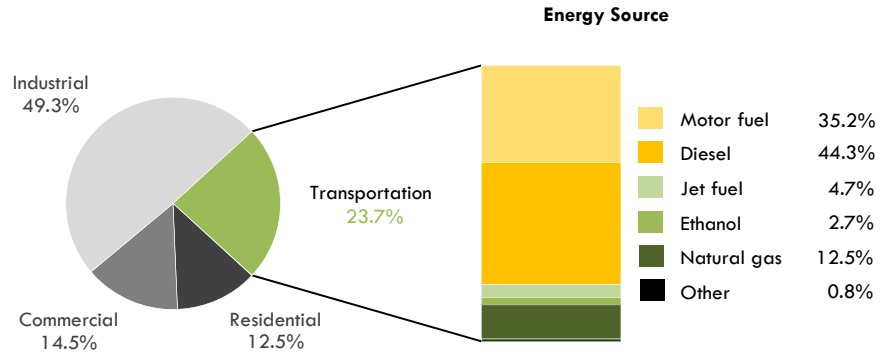


HIGHWAY FATALITIES BY PERSON



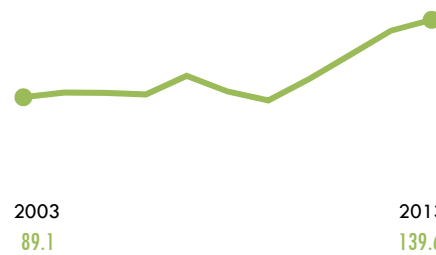
ENERGY USE BY SECTOR

Percent of Btu consumed, 2013



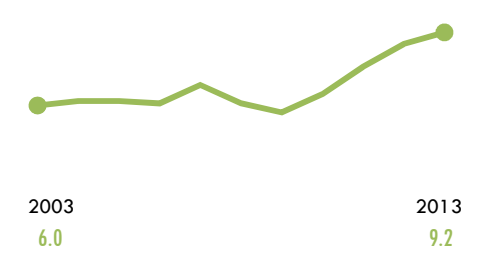
TRANSPORTATION ENERGY USE

Trillion Btu consumed, 2003-2013



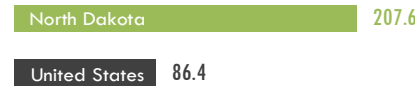
TRANSPORTATION EMISSIONS

Million metric tons of CO₂, 2003-2013



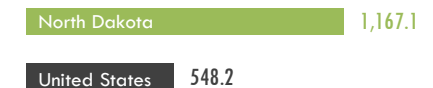
TRANSPORTATION ENERGY USE PER CAPITA

Million Btu per capita, 2013



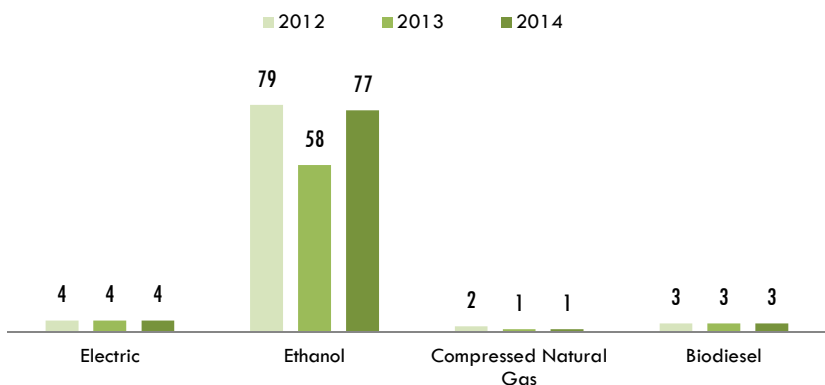
MOTOR FUEL USE PER CAPITA

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.