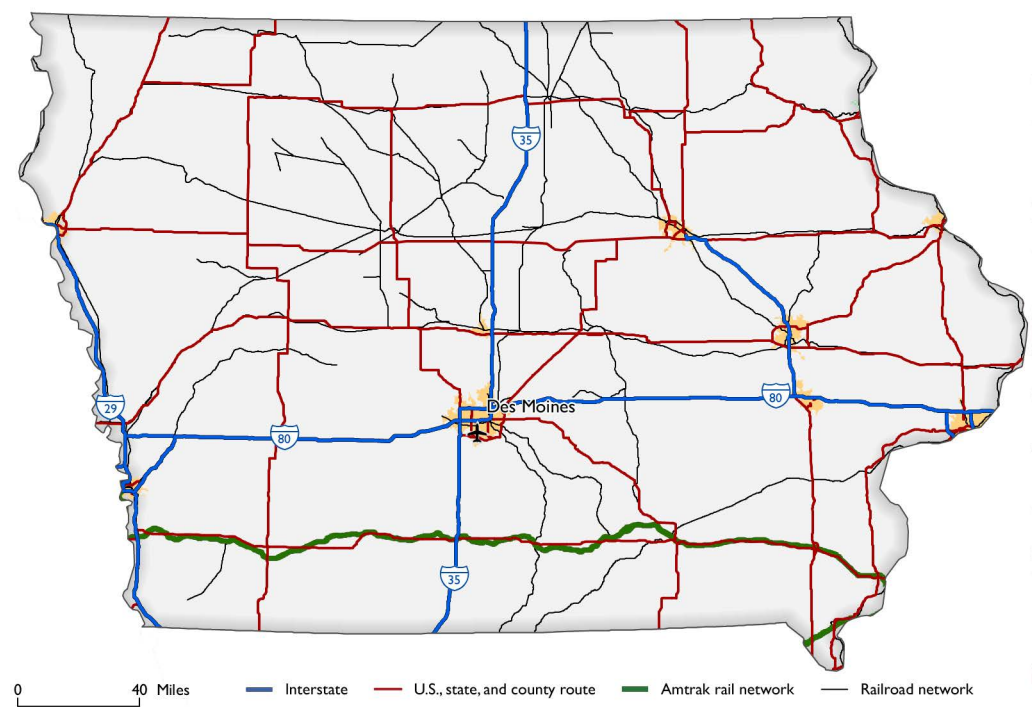


Iowa

Transportation by the Numbers

Transportation Infrastructure



Major Airports

7

Includes Federal Aviation Administration Part-139 public use airports.

Miles of Waterway

490

Miles of Public Road

114,745

ROAD CONDITION
Good or Fair 90.6%

Roads with acceptable pavement ride quality based on International Roughness Index

Bridges

24,123

BRIDGE DECK AREA CONDITION
Good 45.9%
Fair 44.0%
Poor 10.1%

Miles of Freight Railroad

3,834

Number of MPOs

9

POPULATION

3.2m

2019

▲ 4.0%

2009-2019

EMPLOYMENT

1.5m

2018

▲ 4.0%

2008-2018

LICENSED DRIVERS

2.3m

2018

▲ 13.6%

2008-2018

REGISTERED VEHICLES

3.8m

2017

▲ 11.6%

2007-2017

TRANSIT RIDERSHIP

24.9m

2018

▼ -1.1%

2008-2018

AIR CARRIER ENPLANEMENTS

2.1m

2018

▲ 34.8%

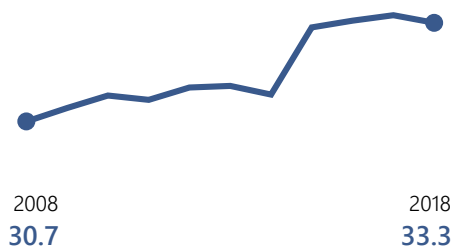
2008-2018

HIGHWAY TRAVEL

Billions of vehicle miles traveled

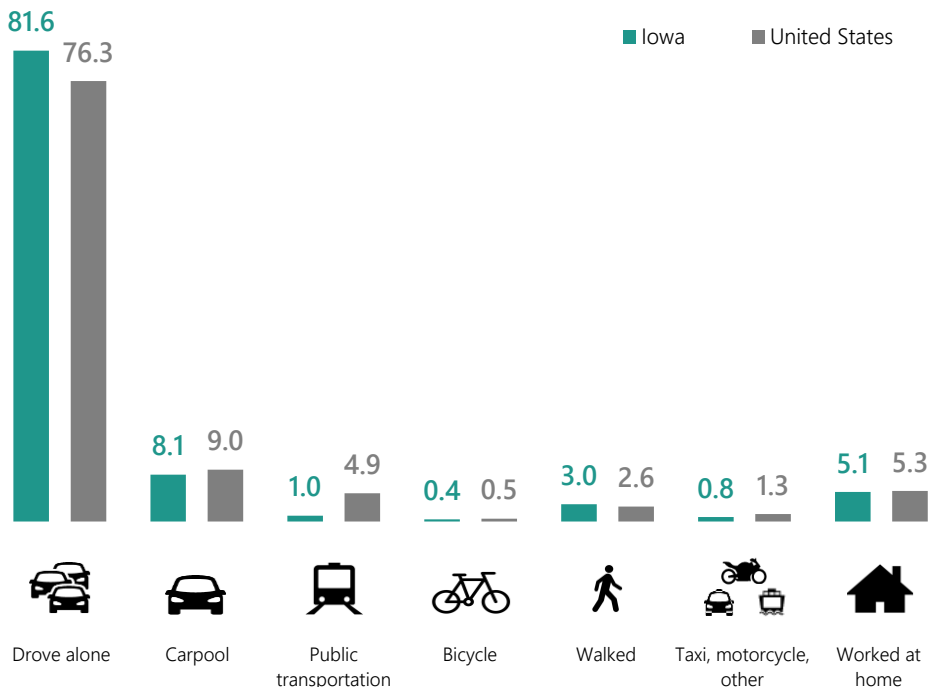
2008-2018

▲ 8.4%



HOW RESIDENTS GET TO WORK

Percentage of workers over age 16, 2018



AVERAGE DAILY PERSON MILES

Miles per person per day, 2017



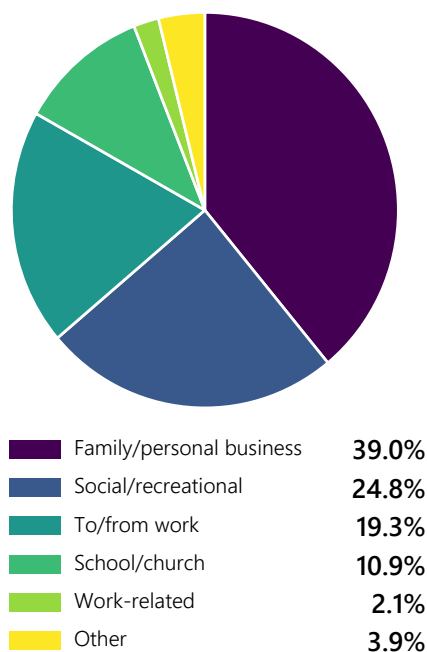
AVERAGE DAILY PERSON TRIPS

Trips per person per day, 2017



PASSENGER TRAVEL BY TRIP PURPOSE

Percentage of annual person trips, 2017



TRANSPORTATION INDUSTRY JOBS

46.4k

2018

▲ 6.5%

2008-2018

Truck transportation

30,859

▲ 1.5%

Transit and ground passenger transportation

5,146

▲ 26.7%

Air transportation

221

▼ -40.9%

Other

10,209

▲ 16.9%

VALUE OF FREIGHT FLOW

\$389.9b ▲ 6.9%

Current dollars, 2018 2012-2018

TONS OF FREIGHT FLOW

601.0m ▲ 11.3%

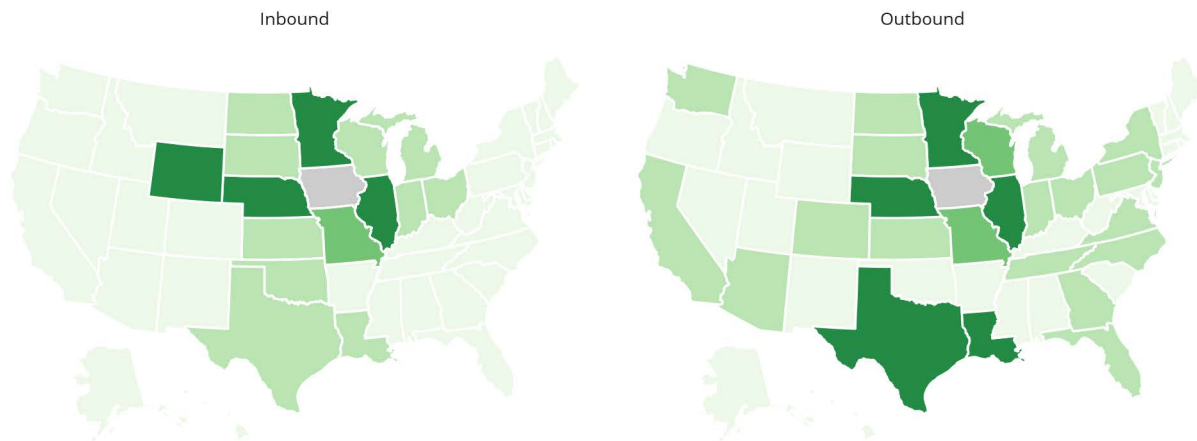
2018 2012-2018

TON-MILES OF FREIGHT FLOW

205.4b ▲ 6.6%

2018 2012-2018

IOWA INTERSTATE FREIGHT FLOWS. 2018



Millions of tons 0-1 1-5 5-10 10+

STATE GROSS DOMESTIC PRODUCT

\$189.7b ▲ 38.9%

Current dollars, 2018 2008-2018

TOP COMMODITIES SHIPPED FROM IOWA

By value moved in billions of current dollars, 2018

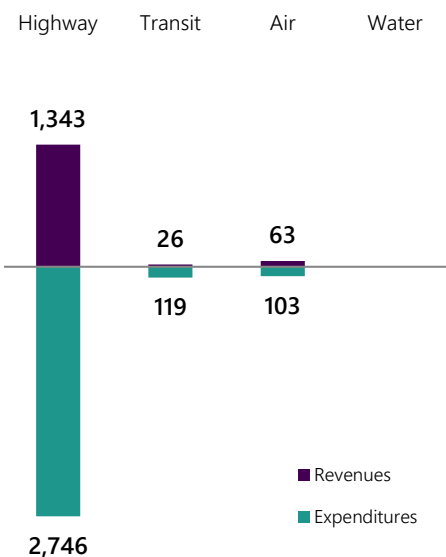
By weight moved in millions of tons, 2018

Machinery	\$14.6
Motorized vehicles	\$13.8
Other foodstuffs	\$12.6
Mixed freight	\$10.8
Meat/seafood	\$10.7

Coal-n.e.c.	34.5
Cereal grains	32.3
Other ag prods.	19.6
Other foodstuffs	19.5
Animal feed	15.2

STATE AND LOCAL GOVERNMENT TRANSPORTATION REVENUES AND EXPENDITURES

Millions of current dollars, 2017



TOP COMMODITIES SHIPPED TO IOWA

By value moved in billions of current dollars, 2018

By weight moved in millions of tons, 2018

Coal-n.e.c.	\$12.5
Motorized vehicles	\$12.3
Machinery	\$10.3
Mixed freight	\$7.9
Electronics	\$7.6

Coal-n.e.c.	43.7
Cereal grains	18.1
Coal	15.4
Nonmetal min. prods.	5.4
Other ag prods.	5.3

TOP COMMODITIES SHIPPED WITHIN IOWA

By value moved in billions of current dollars, 2018

By weight moved in millions of tons, 2018

Cereal grains	\$22.7
Other ag prods.	\$11.1
Live animals/fish	\$10.1
Animal feed	\$9.9
Mixed freight	\$7.5

Cereal grains	107.6
Gravel	56.5
Animal feed	31.7
Other ag prods.	23.8
Nonmetal min. prods.	14.2

RAIL FATALITIES



TRANSIT FATALITIES



RECREATIONAL BOAT FATALITIES



HIGHWAY FATALITIES

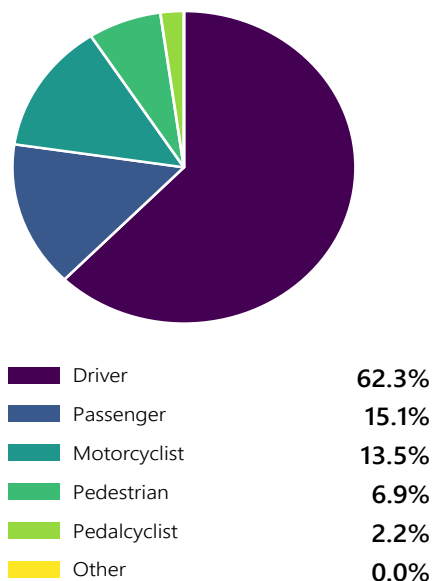


HIGHWAY FATALITY RATE

Fatalities per 100 million vehicle miles traveled, 2018

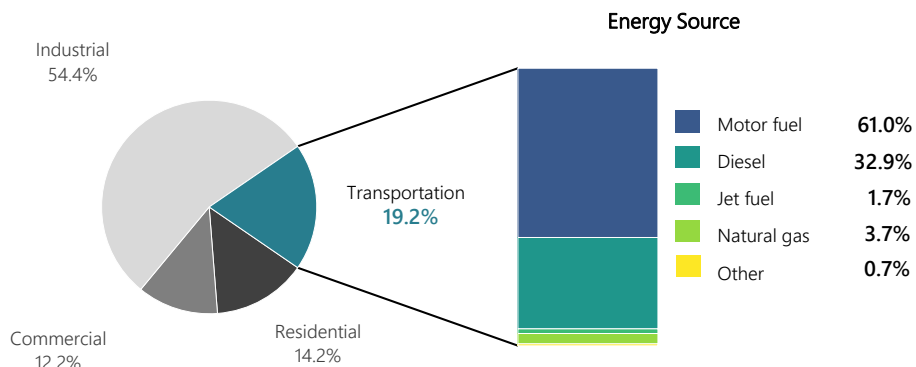


HIGHWAY FATALITIES BY PERSON



ENERGY USE BY SECTOR

Percent of Btu consumed, 2017



TRANSPORTATION ENERGY USE

Trillion Btu consumed, 2007-2017



TRANSPORTATION EMISSIONS

Million metric tons of CO₂, 2007-2017



TRANSPORTATION ENERGY USE PER CAPITA

Million Btu per capita, 2017



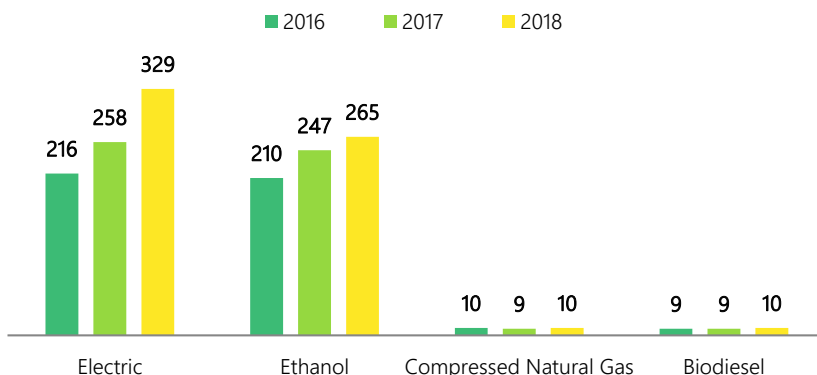
HIGHWAY MOTOR FUEL USE PER CAPITA

Gallons per capita, 2018



ALTERNATIVE FUEL STATIONS

Number of stations, 2016-2018



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.