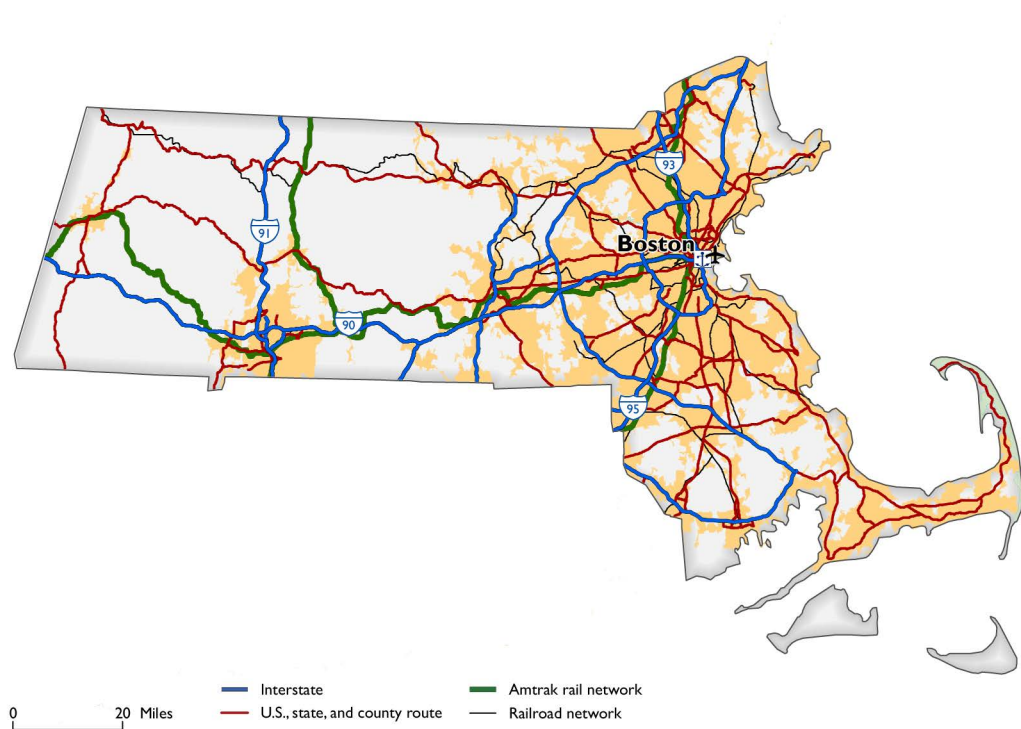


Massachusetts

Transportation by the Numbers

Transportation Infrastructure



Major Airports

9

Includes Federal Aviation Administration Part-139 public use airports.

Miles of Waterway

90

Major Water Ports

1

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

Miles of Public Road

36,763

ROAD CONDITION
Good or Fair 70.1%

Roads with acceptable pavement ride quality based on International Roughness Index

Bridges

5,215

BRIDGE DECK AREA CONDITION
Good 21.1%
Fair 67.1%
Poor 11.8%

Miles of Freight Railroad

1,057

Number of MPOs

10

POPULATION

6.9m

2019

▲ 5.8%

2009-2019

EMPLOYMENT

3.6m

2018

▲ 10.3%

2008-2018

LICENSED DRIVERS

4.9m

2018

▲ 5.6%

2008-2018

REGISTERED VEHICLES

5.1m

2017

▼ -5.6%

2007-2017

TRANSIT RIDERSHIP

407.1m

2018

▲ 1.8%

2008-2018

AIR CARRIER ENPLANEMENTS

20.4m

2018

▲ 54.5%

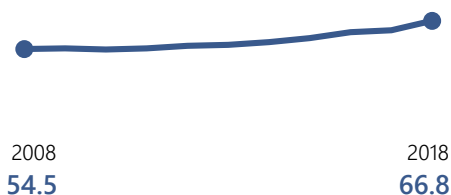
2008-2018

HIGHWAY TRAVEL

Billions of vehicle miles traveled

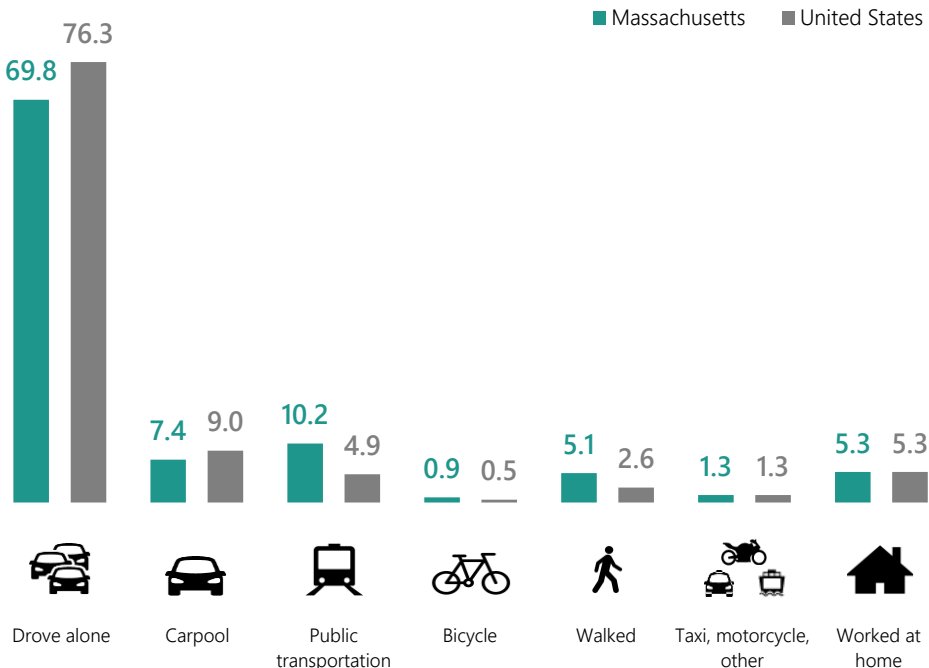
2008-2018

▲ 22.5%



HOW RESIDENTS GET TO WORK

Percentage of workers over age 16, 2018



AVERAGE DAILY PERSON MILES

Miles per person per day, 2017



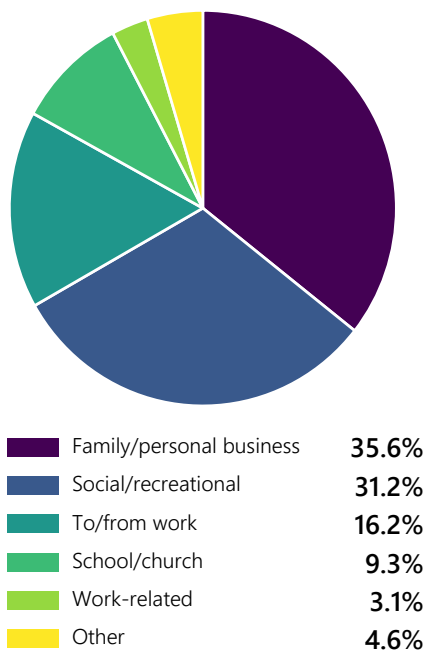
AVERAGE DAILY PERSON TRIPS

Trips per person per day, 2017



PASSENGER TRAVEL BY TRIP PURPOSE

Percentage of annual person trips, 2017



TRANSPORTATION INDUSTRY JOBS

75.3k

2018

▲ 18.1%

2008-2018

Truck transportation

16,433

▲ 6.2%

Transit and ground passenger transportation

24,372

▲ 28.6%

Air transportation

8,770

▲ 12.6%

Other

25,787

▲ 19.7%

VALUE OF FREIGHT FLOW

\$471.1b ▲ 3.7%

Current dollars, 2018 2012-2018

TONS OF FREIGHT FLOW

230.9m ▲ 6.6%

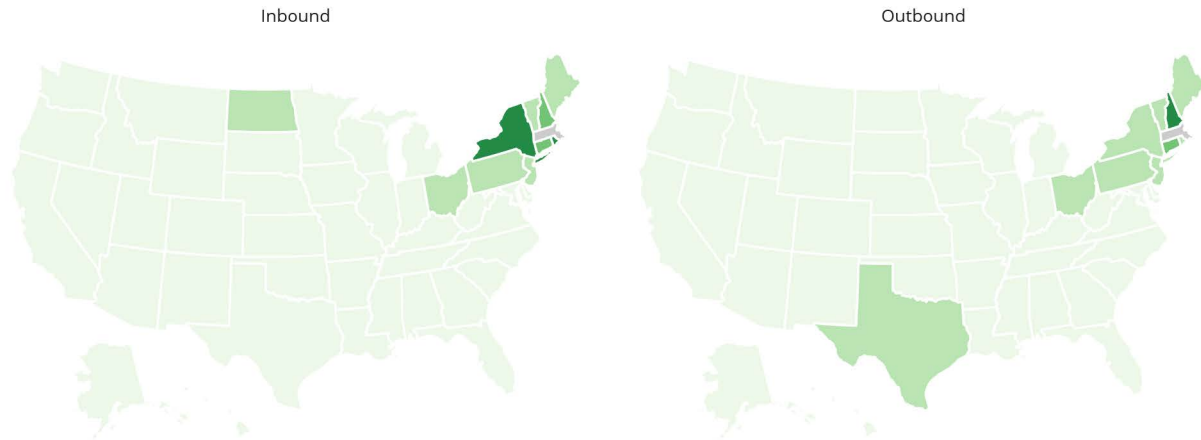
2018 2012-2018

TON-MILES OF FREIGHT FLOW

52.7b ▲ 10.7%

2018 2012-2018

MASSACHUSETTS INTERSTATE FREIGHT FLOWS, 2018



Millions of tons

0-1 1-5 5-10 10+

STATE GROSS DOMESTIC PRODUCT

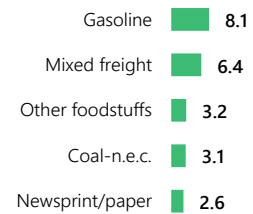
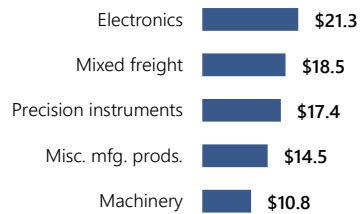
\$569.5b ▲ 46.6%

Current dollars, 2018 2008-2018

TOP COMMODITIES SHIPPED FROM MASSACHUSETTS

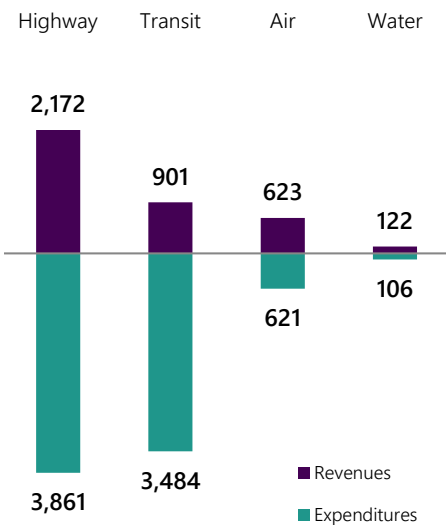
By value moved in billions of current dollars, 2018

By weight moved in millions of tons, 2018



STATE AND LOCAL GOVERNMENT TRANSPORTATION REVENUES AND EXPENDITURES

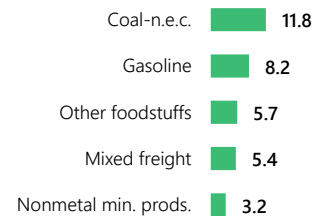
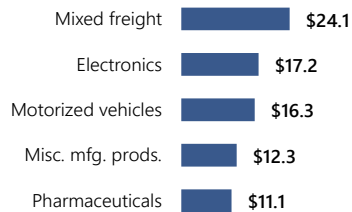
Millions of current dollars, 2017



TOP COMMODITIES SHIPPED TO MASSACHUSETTS

By value moved in billions of current dollars, 2018

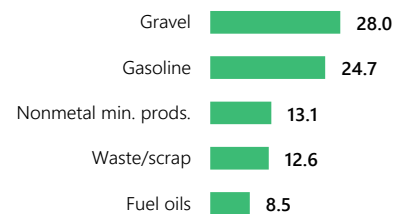
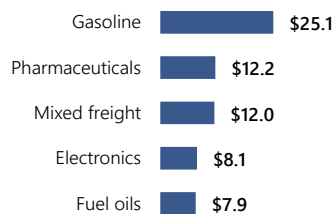
By weight moved in millions of tons, 2018



TOP COMMODITIES SHIPPED WITHIN MASSACHUSETTS

By value moved in billions of current dollars, 2018

By weight moved in millions of tons, 2018



RAIL FATALITIES



TRANSIT FATALITIES



RECREATIONAL BOAT FATALITIES

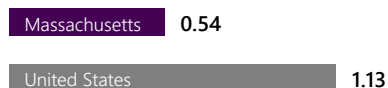


HIGHWAY FATALITIES

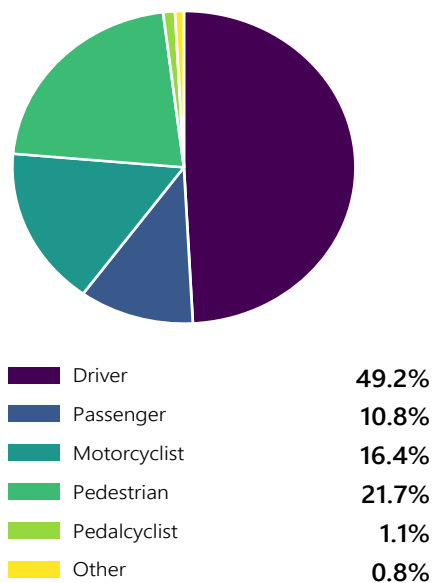


HIGHWAY FATALITY RATE

Fatalities per 100 million vehicle miles traveled, 2018

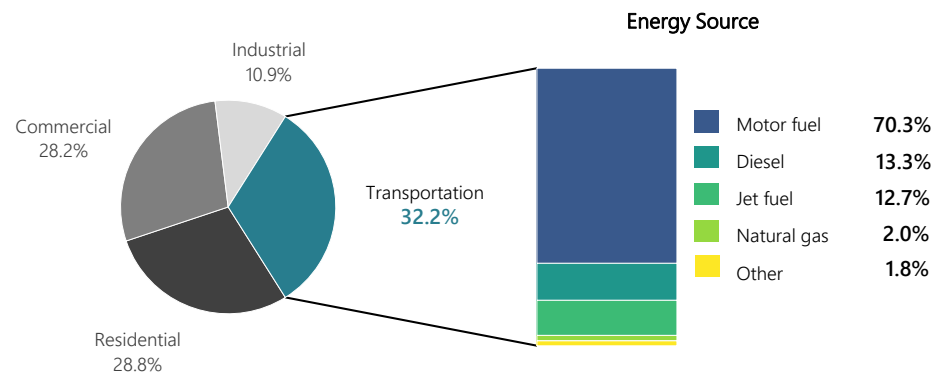


HIGHWAY FATALITIES BY PERSON



ENERGY USE BY SECTOR

Percent of Btu consumed, 2017



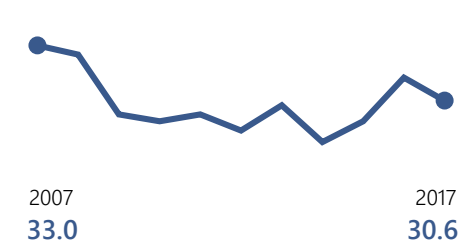
TRANSPORTATION ENERGY USE

Trillion Btu consumed, 2007-2017



TRANSPORTATION EMISSIONS

Million metric tons of CO₂, 2007-2017



TRANSPORTATION ENERGY USE PER CAPITA

Million Btu per capita, 2017



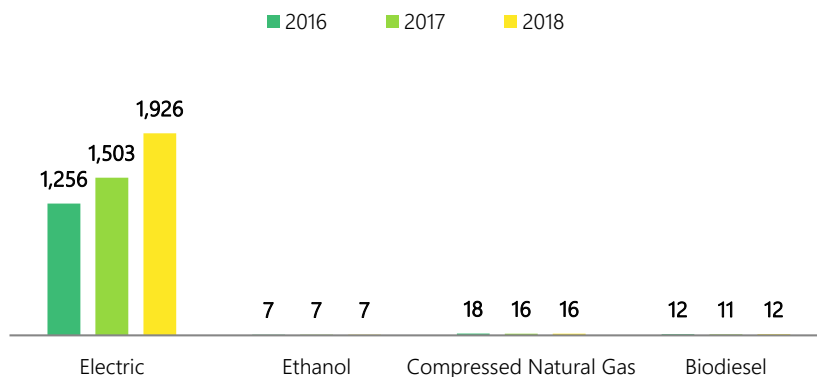
HIGHWAY MOTOR FUEL USE PER CAPITA

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.