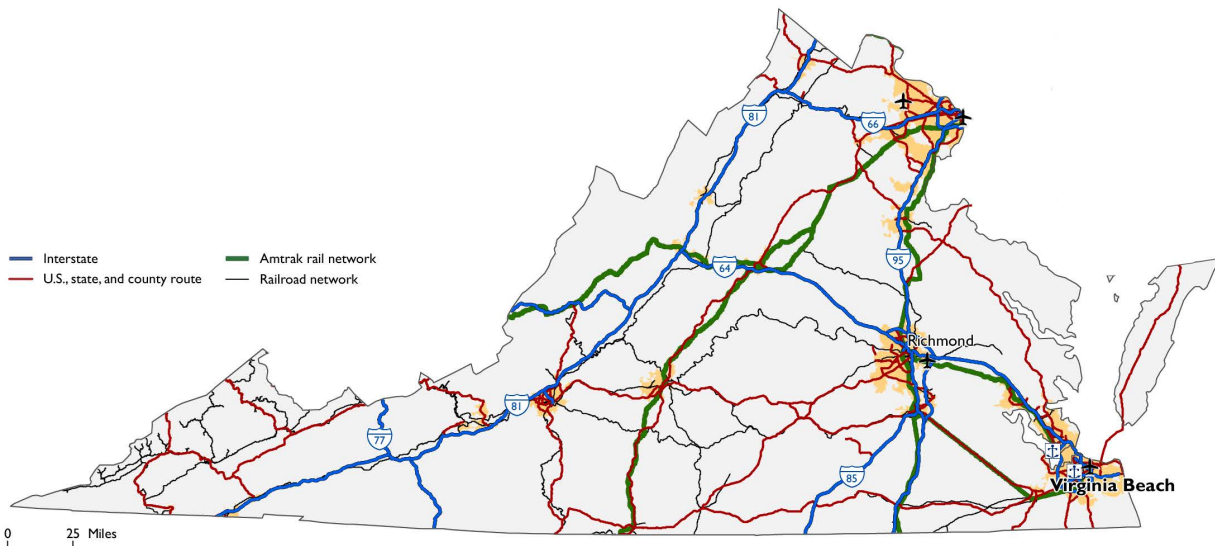


# Virginia

## Transportation by the Numbers

### Transportation Infrastructure



Miles of Public Road

75,369

ROAD CONDITION

Good or Fair 88.4%

Roads with acceptable pavement ride quality based on International Roughness Index

Miles of Freight Railroad

3,141

Miles of Waterway

670

Number of MPOs

15

Bridges

13,931

BRIDGE DECK AREA CONDITION

Good 35.2%  
Fair 60.7%  
Poor 4.1%

Major Airports

9

Includes Federal Aviation Administration Part-139 public use airports.

Major Water Ports

1

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



## POPULATION



## EMPLOYMENT



## LICENSED DRIVERS



## REGISTERED VEHICLES



## TRANSIT RIDERSHIP



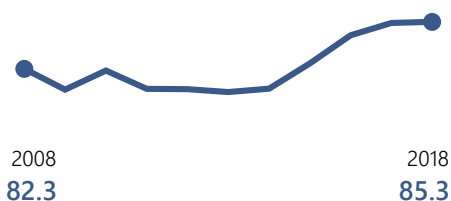
## AIR CARRIER ENPLANEMENTS



## HIGHWAY TRAVEL

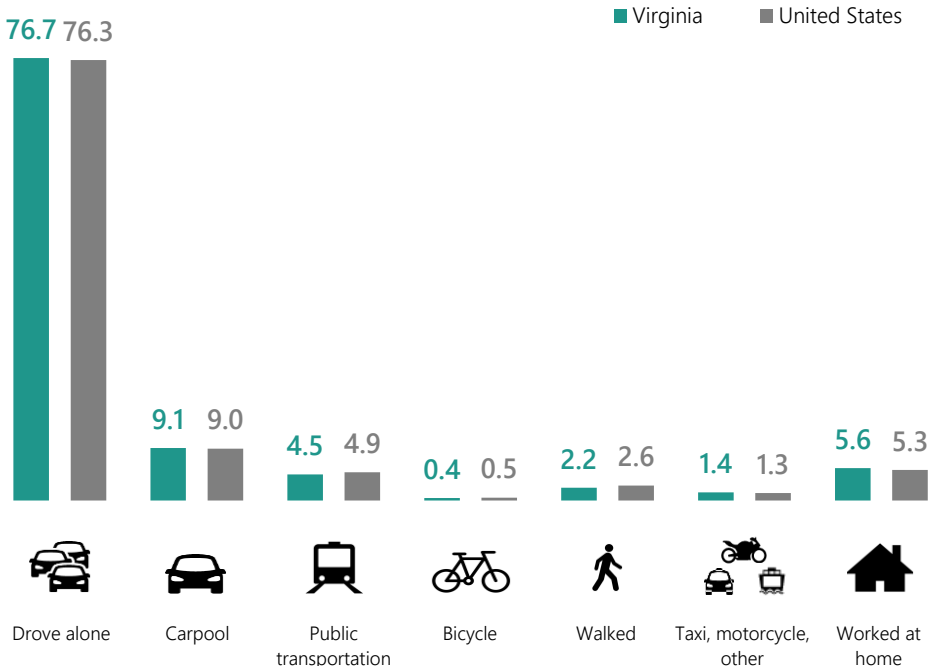
Billions of vehicle miles traveled

2008-2018 ▲ 3.7%



## HOW RESIDENTS GET TO WORK

Percentage of workers over age 16, 2018



## AVERAGE DAILY PERSON MILES

Miles per person per day, 2017



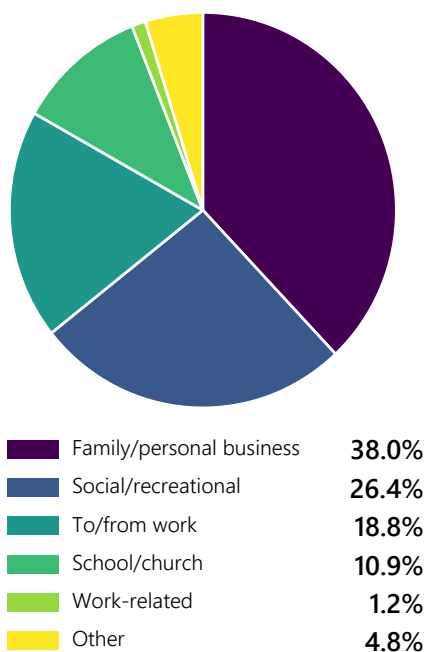
## AVERAGE DAILY PERSON TRIPS

Trips per person per day, 2017



## PASSENGER TRAVEL BY TRIP PURPOSE

Percentage of annual person trips, 2017



## TRANSPORTATION INDUSTRY JOBS



Truck transportation



Transit and ground passenger transportation



Air transportation



Other



VALUE OF FREIGHT FLOW

\$537.8b ▼ -0.3%

Current dollars, 2018 2012-2018

TONS OF FREIGHT FLOW

424.6m ▼ -3.3%

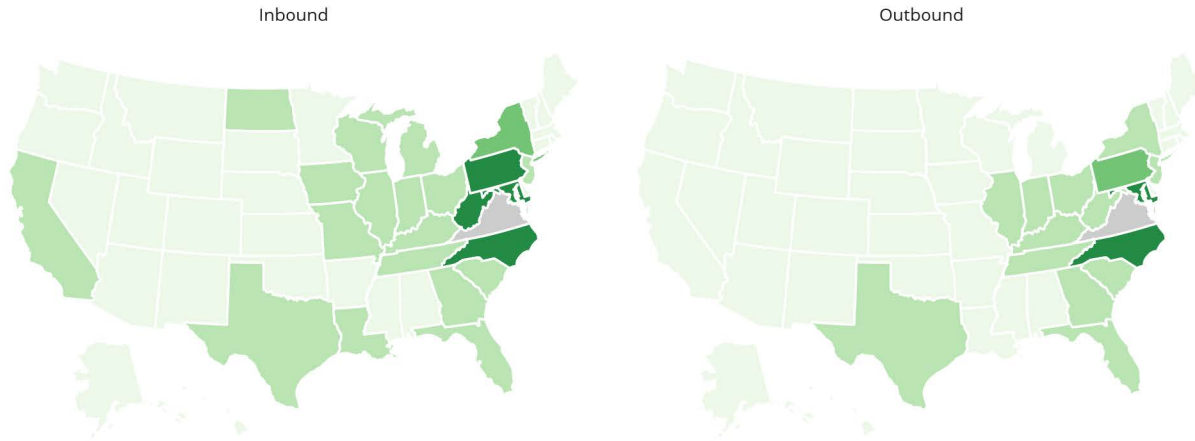
2018 2012-2018

TON-MILES OF FREIGHT FLOW

127.7b ▼ -12.4%

2018 2012-2018

VIRGINIA INTERSTATE FREIGHT FLOWS, 2018



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

STATE GROSS DOMESTIC PRODUCT

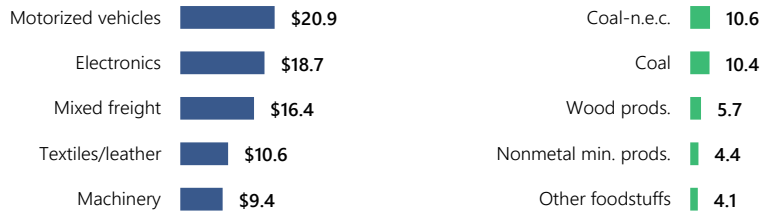
\$532.9b ▲ 33.5%

Current dollars, 2018 2008-2018

TOP COMMODITIES SHIPPED FROM VIRGINIA

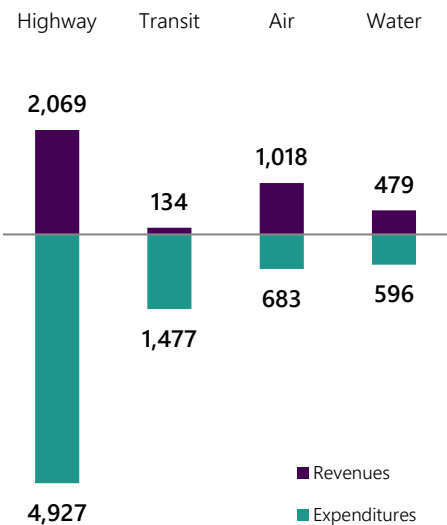
By value moved in billions of current dollars, 2018

By weight moved in millions of tons, 2018



STATE AND LOCAL GOVERNMENT TRANSPORTATION REVENUES AND EXPENDITURES

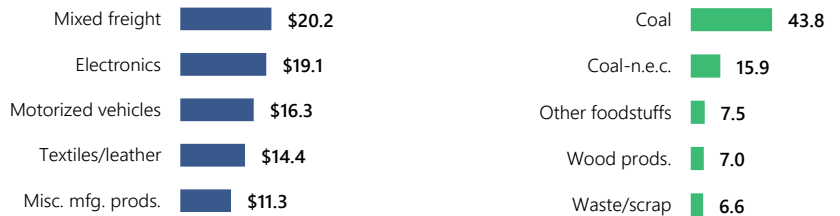
Millions of current dollars, 2017



TOP COMMODITIES SHIPPED TO VIRGINIA

By value moved in billions of current dollars, 2018

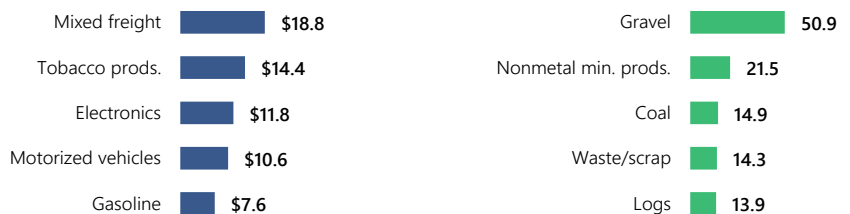
By weight moved in millions of tons, 2018



TOP COMMODITIES SHIPPED WITHIN VIRGINIA

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

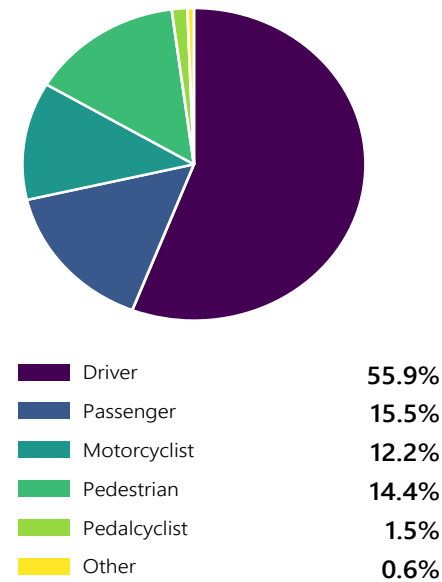


## HIGHWAY FATALITY RATE

Fatalities per 100 million vehicle miles traveled, 2018

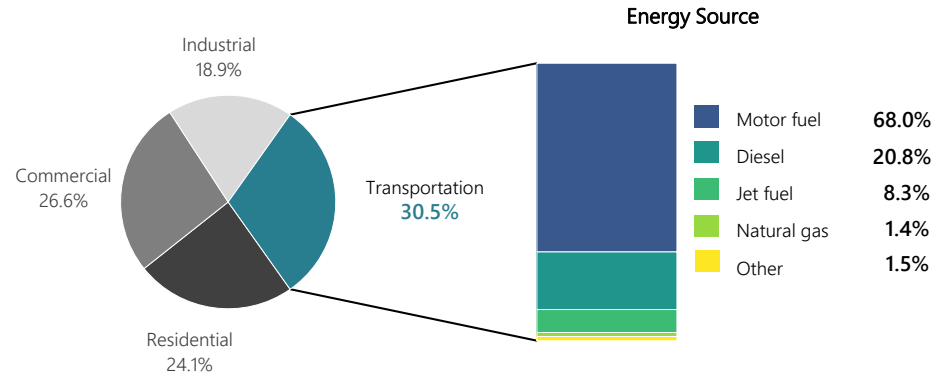


## HIGHWAY FATALITIES BY PERSON



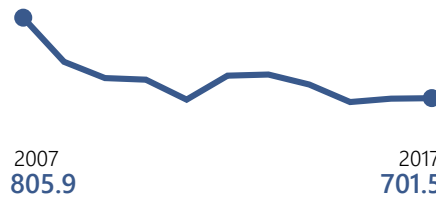
## ENERGY USE BY SECTOR

Percent of Btu consumed, 2017



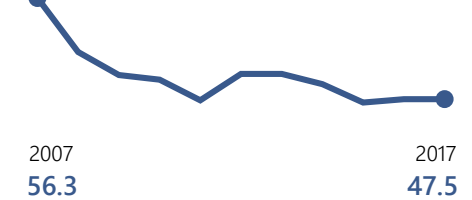
## TRANSPORTATION ENERGY USE

Trillion Btu consumed, 2007-2017



## TRANSPORTATION EMISSIONS

Million metric tons of CO<sub>2</sub>, 2007-2017



## TRANSPORTATION ENERGY USE PER CAPITA

Million Btu per capita, 2017



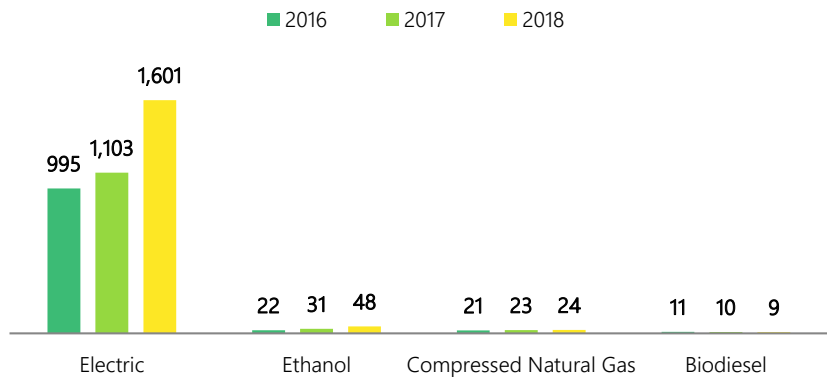
## HIGHWAY MOTOR FUEL USE PER CAPITA

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.