

NEW JERSEY

TRANSPORTATION BY THE NUMBERS

TRANSPORTATION INFRASTRUCTURE



MILES OF PUBLIC ROAD

39,293

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

| | |
|---------------|-------|
| New Jersey | 51.3% |
| United States | 80.4% |

BRIDGES

6,490

Bridges classified as functionally obsolete, 2013:

| | |
|---------------|-------|
| New Jersey | 25.8% |
| United States | 13.7% |

Bridges classified as structurally deficient, 2013:

| | |
|---------------|-------|
| New Jersey | 9.2% |
| United States | 10.1% |

MAJOR AIRPORTS

4

- ACY
- EWR
- TEB
- TTN

Includes Federal Aviation Administration Part-139 public use airports.

MAJOR WATER PORTS

3

- Camden-Gloucester New York/New Jersey
- Paulsboro

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

The port of New York/New Jersey was the 3rd busiest container port in the nation.

MILES OF FREIGHT RAILROAD

981

MILES OF WATERWAY

360

NUMBER OF MPOs

3



POPULATION

8.9m ▲ 3.6%
2013 2003-2013

EMPLOYMENT

3.5m ▼ -2.4%
2013 2003-2013

LICENSED DRIVERS

6.1m ▲ 6.2%
2013 2003-2013

REGISTERED VEHICLES

7.1m ▲ 5.2%
2013 2003-2013

TRANSIT RIDERSHIP

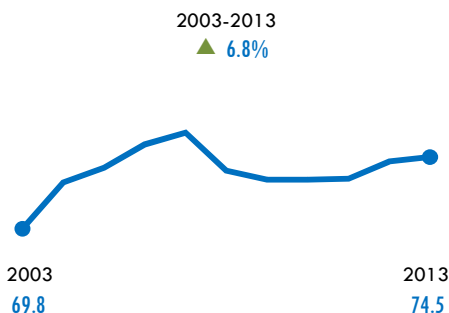
391.5m ▲ 11.8%
2013 2003-2013

AIR CARRIER ENPLANEMENTS

18.2m ▲ 20.4%
2013 2003-2013

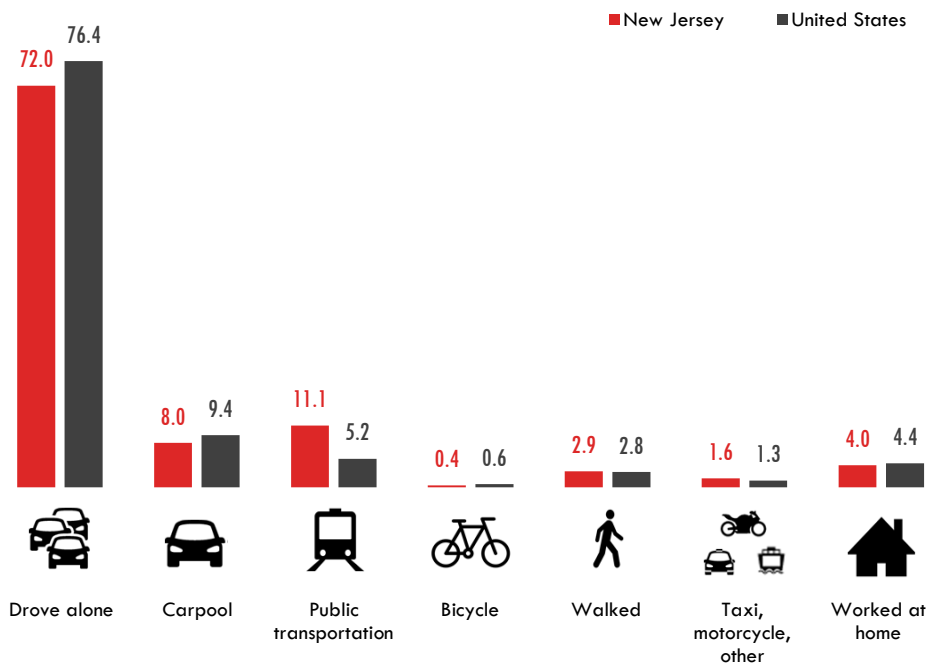
HIGHWAY TRAVEL

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



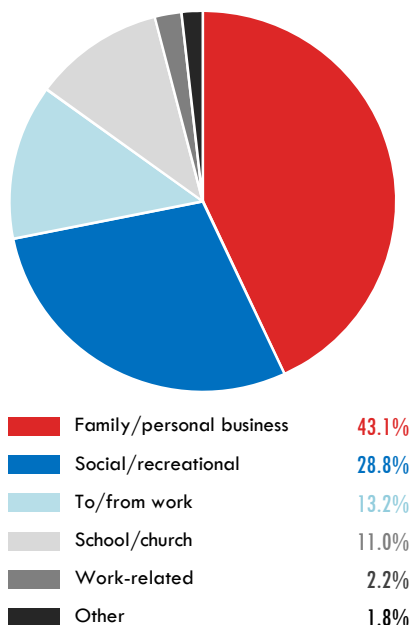
AVERAGE DAILY PERSON TRIPS

Trips per person per day, 2009



PASSENGER TRAVEL BY TRIP PURPOSE

Percentage of annual person trips, 2009



TRANSPORTATION INDUSTRY JOBS

158,946 ▼ -5.4%
2013 2003-2013

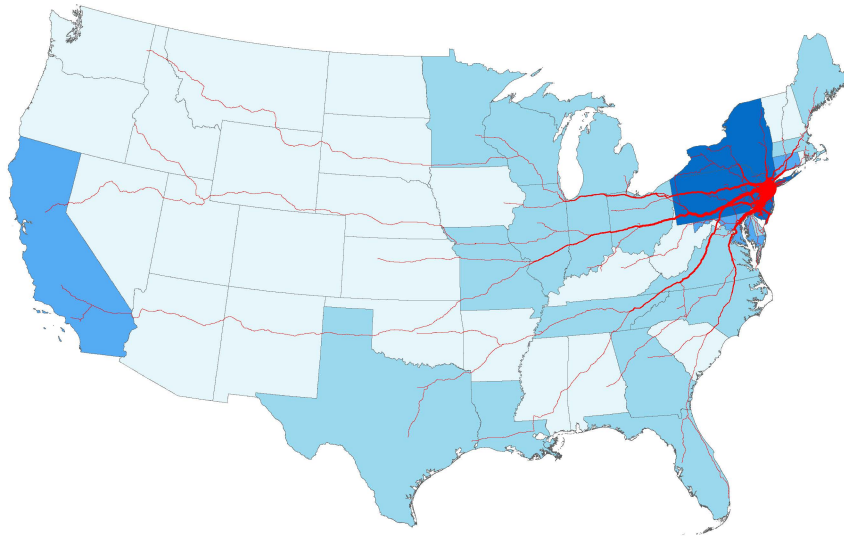
Truck transportation
38,200 ▼ -12.3%

Transit and ground passenger transportation
29,055 ▲ 3.1%

Support activities for transportation
25,770 ▲ 15.4%

Couriers and messengers
22,679 ▼ -3.5%

MAJOR TRUCK FREIGHT FLOWS TO, FROM, AND WITHIN NEW JERSEY, 2010



State to state flows (million tons/year)
0 1 5 10+

Volume scale (freight trucks/day)
3,750 7,500 15,000

VALUE OF FREIGHT FLOW

\$1.0t ▲ 6.2%
Current dollars, 2013 2007-2013

TONS OF FREIGHT FLOW

593.3m ▲ 5.8%
2013 2007-2013

TON-MILES OF FREIGHT FLOW

212.2b ▲ 17.7%
2013 2007-2013

STATE GROSS DOMESTIC PRODUCT

\$537.4b ▲ 13.0%
Current dollars, 2013 2003-2013

TOP COMMODITIES SHIPPED FROM NEW JERSEY

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

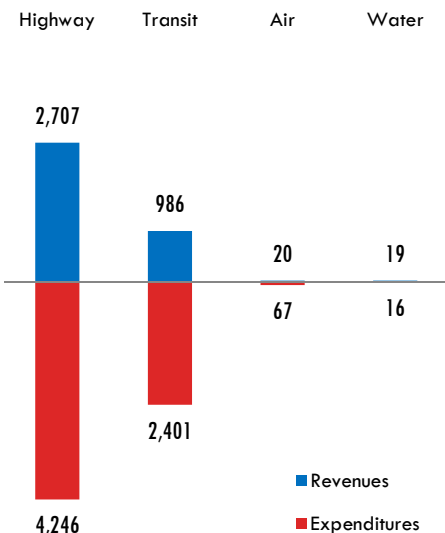
| | |
|--------------------|--------|
| Electronics | \$43.2 |
| Motorized vehicles | \$39.1 |
| Mixed freight | \$39.1 |
| Pharmaceuticals | \$35.5 |
| Textiles/leather | \$35.2 |

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

| | |
|----------------------|------|
| Coal-n.e.c. | 17.1 |
| Mixed freight | 13.0 |
| Gasoline | 12.2 |
| Fuel oils | 12.0 |
| Nonmetal min. prods. | 9.3 |

STATE AND LOCAL GOVERNMENT TRANSPORTATION REVENUES AND EXPENDITURES

Millions of current dollars, 2012



TOP COMMODITIES SHIPPED TO NEW JERSEY

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

| | |
|--------------------|--------|
| Motorized vehicles | \$31.2 |
| Textiles/leather | \$28.4 |
| Electronics | \$27.3 |
| Pharmaceuticals | \$23.6 |
| Crude petroleum | \$19.8 |

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

| | |
|------------------|------|
| Crude petroleum | 32.7 |
| Coal-n.e.c. | 20.7 |
| Gasoline | 18.5 |
| Basic chemicals | 12.4 |
| Other foodstuffs | 10.9 |

TOP COMMODITIES SHIPPED WITHIN NEW JERSEY

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

| | |
|-------------------|--------|
| Machinery | \$35.0 |
| Gasoline | \$29.5 |
| Misc. mfg. prods. | \$27.7 |
| Mixed freight | \$24.3 |
| Fuel oils | \$16.6 |

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

| | |
|----------------------|------|
| Waste/scraps | 39.8 |
| Gasoline | 33.8 |
| Fuel oils | 29.0 |
| Gravel | 24.1 |
| Nonmetal min. prods. | 21.9 |

RAIL FATALITIES

21 ▲ 10.5%
2013 2003-2013

TRANSIT FATALITIES

8 ▼ -52.9%
2013 2003-2013

RECREATIONAL BOAT FATALITIES

8 ▼ -52.9%
2013 2003-2013

HIGHWAY FATALITIES

542 ▼ -26.1%
2013 2003-2013

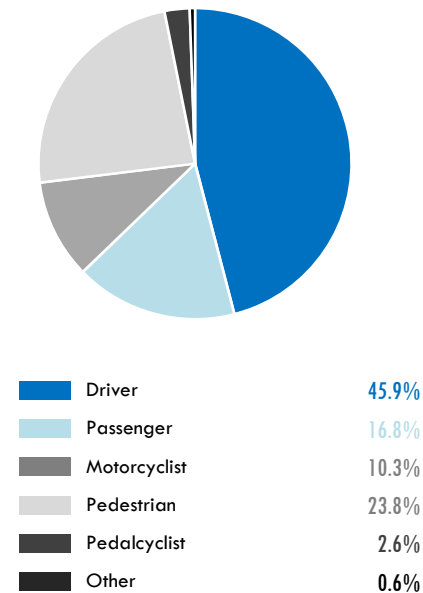
HIGHWAY FATALITY RATE

Fatalities per 100 million vehicle miles traveled, 2013

New Jersey 0.73

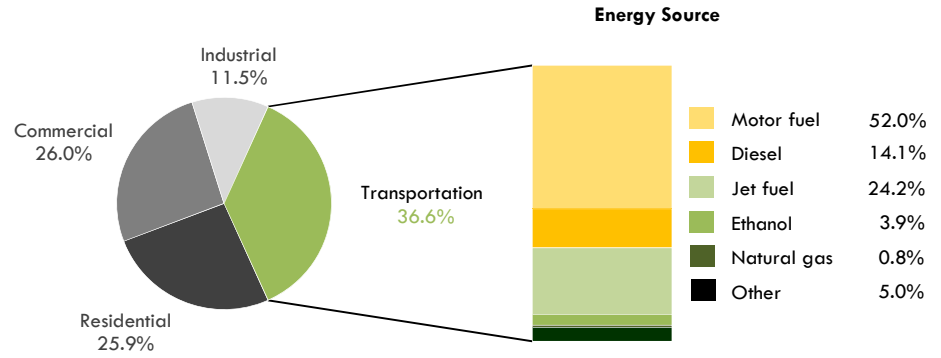
United States 1.09

HIGHWAY FATALITIES BY PERSON



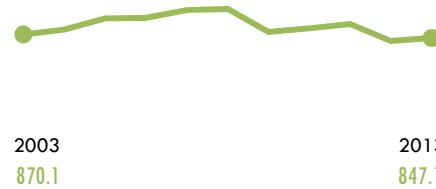
ENERGY USE BY SECTOR

Percent of Btu consumed, 2013



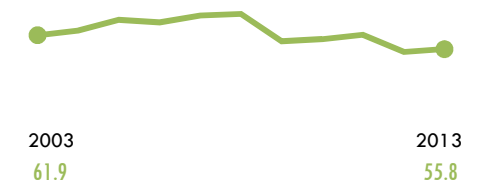
TRANSPORTATION ENERGY USE

Trillion Btu consumed, 2003-2013



TRANSPORTATION EMISSIONS

Million metric tons of CO₂, 2003-2013



TRANSPORTATION ENERGY USE PER CAPITA

Million Btu per capita, 2013

New Jersey 96.4

United States 86.4

MOTOR FUEL USE PER CAPITA

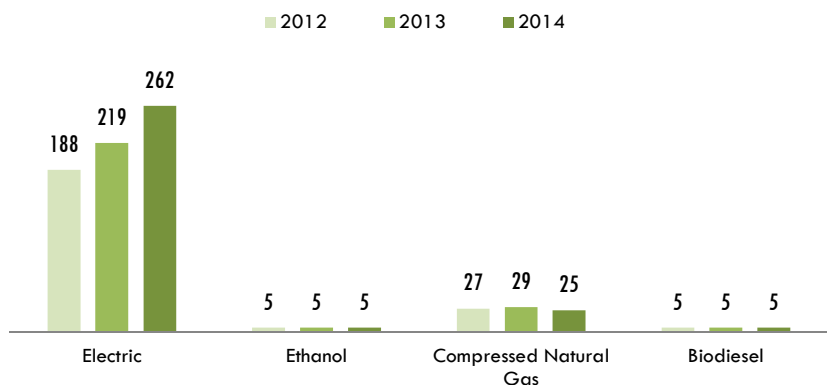
Gallons per capita, 2013

New Jersey 533.7

United States 548.2

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.