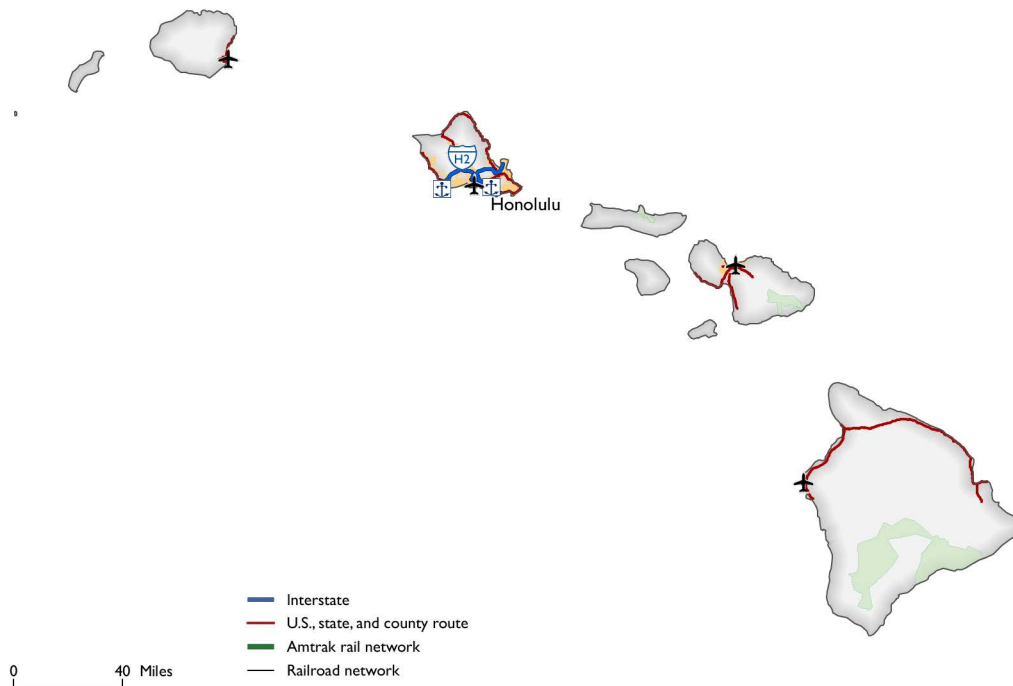


# HAWAII

## TRANSPORTATION BY THE NUMBERS

### TRANSPORTATION INFRASTRUCTURE



### MAJOR AIRPORTS

7

ITO  
HNL  
OGG  
KOA  
MKK  
LNY  
LIH

Includes Federal Aviation Administration Part-139 public use airports.

### MILES OF PUBLIC ROAD

4,430

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

Hawaii	56.8%
United States	80.4%

### BRIDGES

1,137

Bridges classified as functionally obsolete, 2013:

Hawaii	37.1%
United States	13.7%

Bridges classified as structurally deficient, 2013:

Hawaii	5.4%
United States	10.1%

### MAJOR WATER PORTS

6

Barbers Point, Oahu  
Hilo  
Honolulu  
Kahului, Maui  
Kawaihae Harbor  
Nawiliwili, Kauai

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

### NUMBER OF MPOs

2



## POPULATION

**1.4m** ▲ 12.6%  
2013 2003-2013

## EMPLOYMENT

**502.5k** ▲ 9.5%  
2013 2003-2013

## LICENSED DRIVERS

**915.0k** ▲ 9.7%  
2013 2003-2013

## REGISTERED VEHICLES

**1.3m** ▲ 47.8%  
2013 2003-2013

## TRANSIT RIDERSHIP

**73.1m** ▲ 4.1%  
2013 2003-2013

## AIR CARRIER ENPLANEMENTS

**15.9m** ▲ 9.1%  
2013 2003-2013

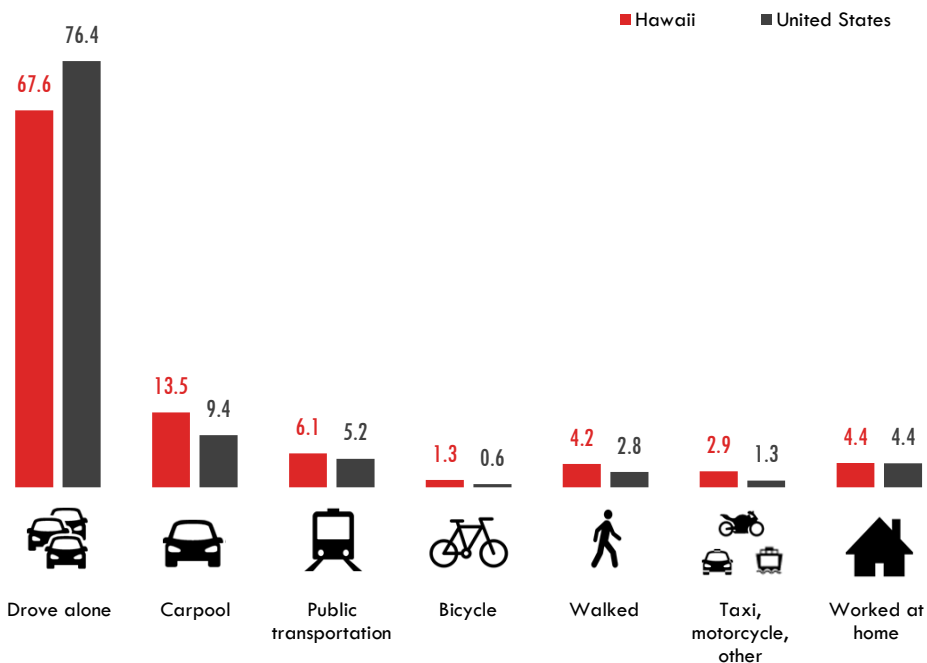
## HIGHWAY TRAVEL

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



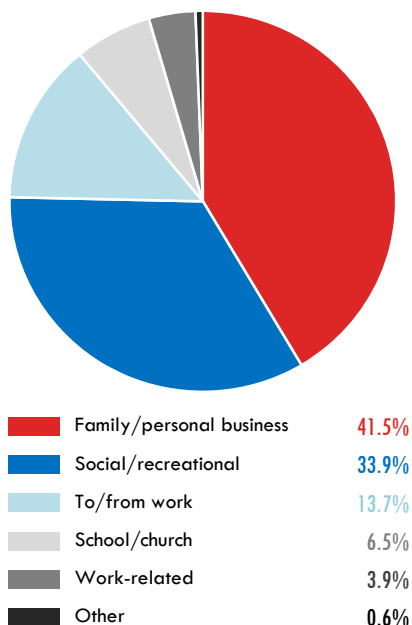
## AVERAGE DAILY PERSON TRIPS

Trips per person per day, 2009



## PASSENGER TRAVEL BY TRIP PURPOSE

Percentage of annual person trips, 2009



## TRANSPORTATION INDUSTRY JOBS

**27,868** ▲ 10.2%  
2013 2003-2013

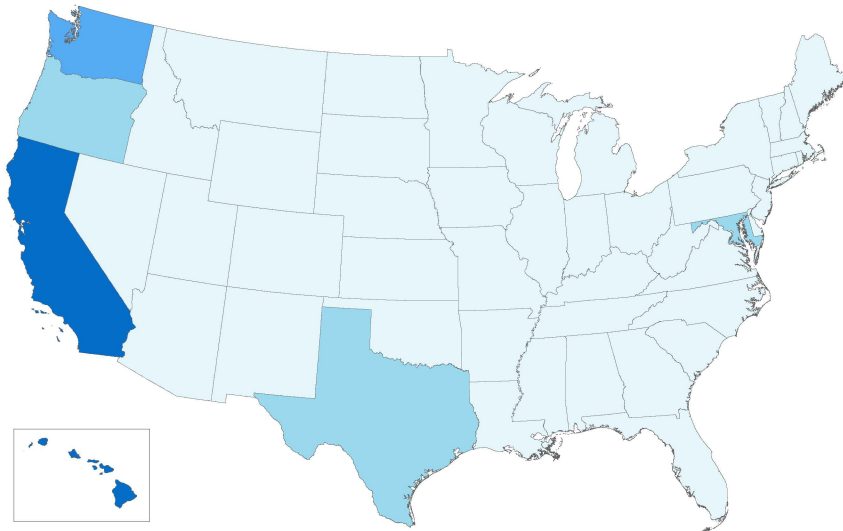
Air transportation  
**8,377** ▲ 6.2%

Transit and ground passenger transportation  
**4,526** ▲ 26.7%

Scenic and sightseeing transportation  
**4,389** ▲ 18.1%

Support activities for transportation  
**3,567** ▼ -14.5%

## MAJOR TRUCK FREIGHT FLOWS TO, FROM, AND WITHIN HAWAII, 2012



State to state flows (thousand tons/year)

0	100	500	1,000+
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## VALUE OF FREIGHT FLOW

**\$64.6b** ▼ -3.0%  
Current dollars, 2013 2007-2013

## TONS OF FREIGHT FLOW

**61.5m** ▲ 2.4%  
2013 2007-2013

## TON-MILES OF FREIGHT FLOW

**15.5b** ▲ 5.9%  
2013 2007-2013

## STATE GROSS DOMESTIC PRODUCT

**\$75.1b** ▲ 30.8%  
Current dollars, 2013 2003-2013

## TOP COMMODITIES SHIPPED FROM HAWAII

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

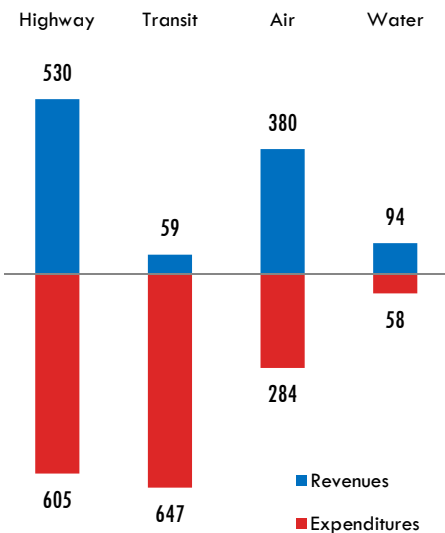
Misc. mfg. prods.	\$0.2
Motorized vehicles	\$0.2
Electronics	\$0.2
Meat/seafood	\$0.2
Mixed freight	\$0.1

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

Coal	0.1
Mixed freight	0.1
Alcoholic beverages	0.1
Waste/scrap	0.0
Electronics	0.0

## STATE AND LOCAL GOVERNMENT TRANSPORTATION REVENUES AND EXPENDITURES

Millions of current dollars, 2012



## TOP COMMODITIES SHIPPED TO HAWAII

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

Textiles/leather	\$1.9
Crude petroleum	\$1.8
Motorized vehicles	\$1.4
Mixed freight	\$1.2
Electronics	\$1.1

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

Crude petroleum	2.7
Wood prods.	0.4
Other foodstuffs	0.4
Nonmetal min. prods.	0.3
Mixed freight	0.3

## TOP COMMODITIES SHIPPED WITHIN HAWAII

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

Machinery	\$7.7
Gasoline	\$5.6
Electronics	\$4.7
Fuel oils	\$3.6
Motorized vehicles	\$2.2

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

Fuel oils	8.3
Gasoline	8.2
Gravel	8.1
Nonmetal min. prods.	7.6
Waste/scrap	5.2

## RAIL FATALITIES

0 — 0.0%  
2013 2003-2013

## TRANSIT FATALITIES

0 ▼ -100.0%  
2013 2003-2013

## RECREATIONAL BOAT FATALITIES

4 — 0.0%  
2013 2003-2013

## HIGHWAY FATALITIES

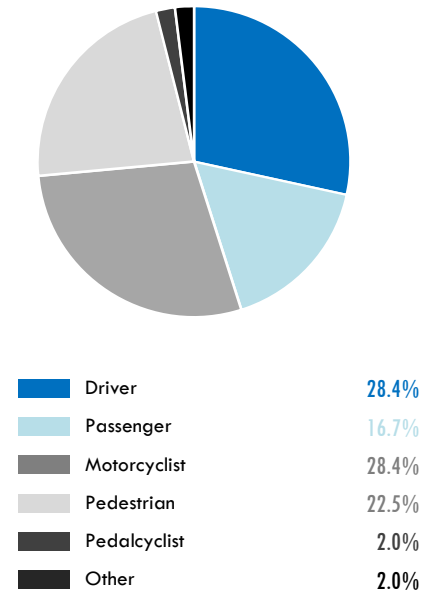
102 ▼ -23.3%  
2013 2003-2013

## HIGHWAY FATALITY RATE

Fatalities per 100 million vehicle miles traveled, 2013

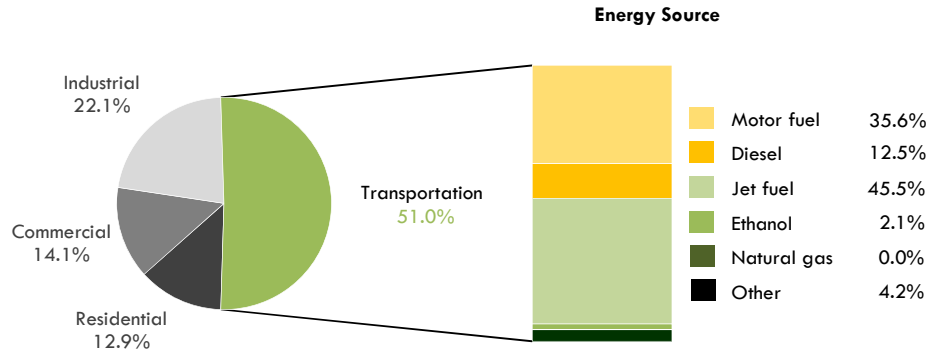


## HIGHWAY FATALITIES BY PERSON



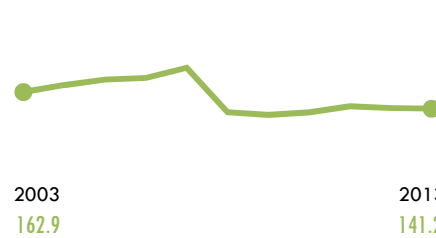
## ENERGY USE BY SECTOR

Percent of Btu consumed, 2013



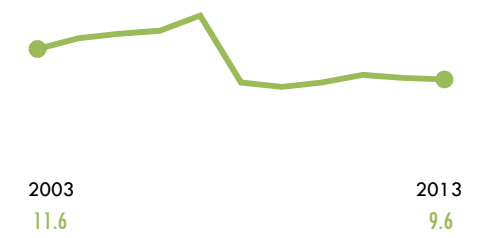
## TRANSPORTATION ENERGY USE

Trillion Btu consumed, 2003-2013



## TRANSPORTATION EMISSIONS

Million metric tons of CO<sub>2</sub>, 2003-2013



## TRANSPORTATION ENERGY USE PER CAPITA

Million Btu per capita, 2013



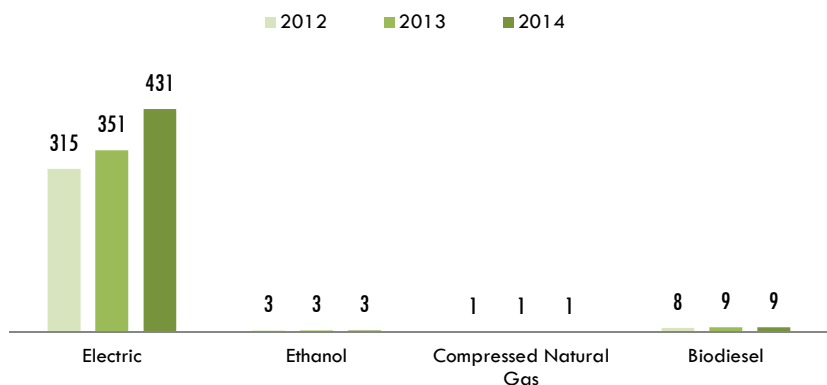
## MOTOR FUEL USE PER CAPITA

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](http://www.bts.gov).