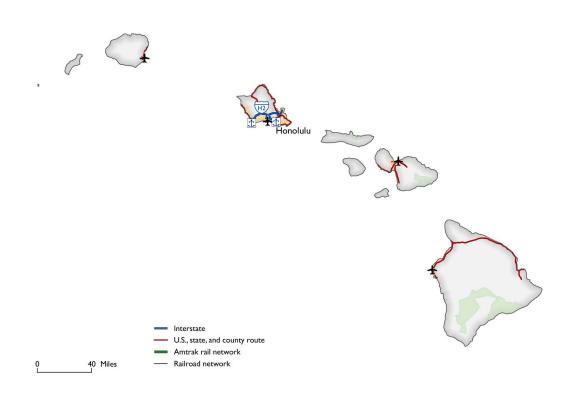
Hawaii

Transportation by the Numbers

Transportation Infrastructure



Major Airports

8

Includes Federal Aviation Administration Part-139 public use airports.

Miles of Public Road

4,475

ROAD CONDITION Good or Fair

ood or Fair 56.4%

Roads with acceptable pavement ride quality based on International Roughness Index

Bridges

1,137

BRIDGE DECK AREA CONDITION
Good 24.7%
Fair 73.2%
Poor 2.2%

Major Water Ports

6

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

Number of MPOs

2



POPULATION

1.4m

▲ 5.1%

2019

2009-2019

EMPLOYMENT

658.0k

▲ 62%

2018

2008-2018

LICENSED DRIVERS

948.4k

▲ 7.2%

2018

2008-2018

REGISTERED VEHICLES

1.3m

1 26.8%

2017

2007-2017

TRANSIT RIDERSHIP

69.4m

V -4.5%

2018

2008-2018

AIR CARRIER ENPLANEMENTS

17.4m

▲ 15.5%

2018

10.3

2008-2018

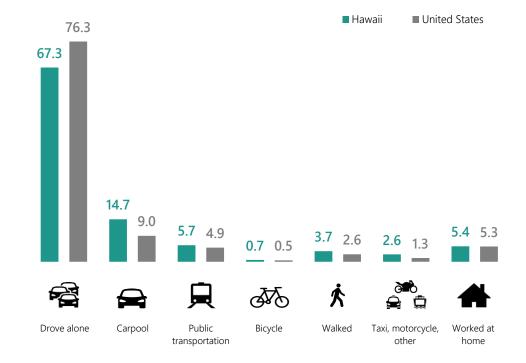
10.9

HIGHWAY TRAVEL

Billions of vehicle miles traveled 2008-2018 **▲** 5.9% 2008 2018

HOW RESIDENTS GET TO WORK

Percentage of workers over age 16, 2018



AVERAGE DAILY PERSON MILES

Miles per person per day, 2017

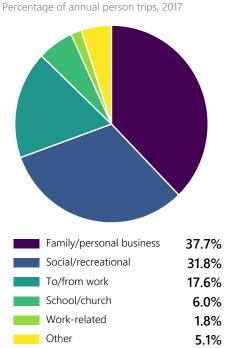
27.9 United States 36.1

AVERAGE DAILY PERSON TRIPS

Trips per person per day, 2017



PASSENGER TRAVEL BY TRIP PURPOSE



TRANSPORTATION INDUSTRY JOBS

28.9k

▲ 12.9%

2018

2008-2018

Truck transportation

3,308

▼ -1.1%

Transit and ground passenger transportation

2,292

▲ 5.6%

Air transportation

9,747

▲ 21.9%

Other

13,601

▲ 12.2%

HAWAII TRANSPORTATION BY THE NUMBERS

VALUE OF FREIGHT FLOW

\$51.7b

▲ 6.3%

Current dollars, 2018 2012-2018

TONS OF FREIGHT FLOW

47.0m

2018

Millions of tons

▼ -0.7%

2012-2018

TON-MILES OF FREIGHT FLOW

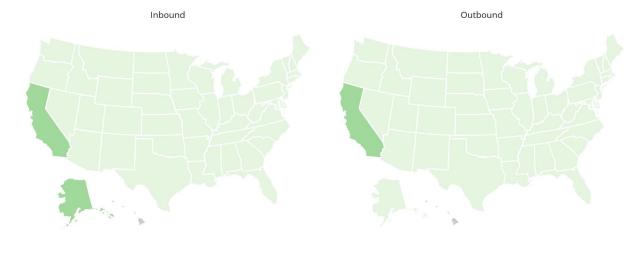
17.4b

▲ 11.3%

2012-2018

2018

HAWAII INTERSTATE FREIGHT FLOWS, 2018



STATE GROSS DOMESTIC PRODUCT

\$93.8b

40.3%

Water

Current dollars, 2018

2008-2018

TOP COMMODITIES SHIPPED FROM HAWAII

By value moved in billions of current dollars, 2018

By weight moved in millions of tons, 2018

uel oils	Fuel oils	0.9
Coal	Misc. mfg. prods.	0.4
prods.	Furniture	0.1
urniture	Electronics	0.0
freight	Meat/seafood	0.0

STATE AND LOCAL GOVERNMENT TRANSPORTATION REVENUES AND EXPENDITURES

Millions of current dollars, 2017

Transit

Highway

553		430			
	59			136	
				81	
603		525	■Revenu	ıes	
	924	■ Expenditures			

TOP COMMODITIES SHIPPED TO HAWAII

By value moved in billions of current dollars, 2018 By weight moved in millions of tons, 2018



TOP COMMODITIES SHIPPED WITHIN HAWAII

By value moved in billions of current dollars, 2018

Gasoline \$5.2 Gravel 8.

Fuel oils \$4.7 Gasoline 6.6

Crude petroleum \$3.5 Fuel oils 6.6

Mixed freight \$2.5 Nonmetal min. prods. 5.0

Other foodstuffs \$1.4 Crude petroleum 4.1

RAIL FATALITIES ENERGY USE BY SECTOR Percent of Btu consumed, 2017 **Energy Source** Industrial 2018 2008-2018 21.1% Motor fuel 36.4% TRANSIT FATALITIES Diesel 8.4% Transportation Jet fuel 49.9% 51.7% Natural gas 0.0% Commercial 2008-2018 5.2% 15.2% Other RECREATIONAL BOAT FATALITIES Residential 12.0% **▼** -80.0% TRANSPORTATION ENERGY USE TRANSPORTATION EMISSIONS 2018 2008-2018 Trillion Btu consumed, 2007-2017 Million metric tons of CO₂, 2007-2017 **HIGHWAY FATALITIES ▲** 9.3% 2018 2008-2018 HIGHWAY FATALITY RATE 2007 2017 2007 2017 Fatalities per 100 million vehicle miles 194.2 146.5 14.0 10.2 traveled, 2018 1.07 Hawaii HIGHWAY MOTOR FUEL USE PER TRANSPORTATION ENERGY **CAPITA** United States **USE PER CAPITA** 1.13 Gallons per capita, 2018 Million Btu per capita, 2017 102.9 302.7 Hawaii **HIGHWAY FATALITIES BY PERSON** United States 416.2 **ALTERNATIVE FUEL STATIONS** Number of stations, 2016-2018 **2016** 2017 2018 566 557 Driver 23.1% Passenger 8.5% Motorcyclist 29.1% Pedestrian 35.9%

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 Fuels Data Center.

Electric

Pedalcyclist

Other

1.7%

1.7%

2 2 2

Ethanol

8

Biodiesel

6

8

1 1

Compressed Natural Gas

0