

**Table**  
**Number**   **Table Name**

(Click on the table number to go to corresponding table)

Narrative

<a href="#">13.01</a>	Hawaii Genuine Progress Indicator (GPI): 2000 to 2021
<a href="#">13.02</a>	Gross Domestic Product, Total and Per Capita and Resident Population: 1997 to 2022
<a href="#">13.03</a>	Gross Domestic Product, Hawaii and the United States: 1963 to 2022
<a href="#">13.04</a>	Gross Domestic Product, by SIC Industry: 1977 to 1997
<a href="#">13.05</a>	Gross Domestic Product, by NAICS Industry: 2017 to 2022
<a href="#">13.06</a>	Gross Domestic Product, by NAICS Industry, in Constant Dollars: 2017 to 2022
<a href="#">13.07</a>	Total and Per Capita Personal Income for Hawaii and the United States: 1969 to 2022
<a href="#">13.08</a>	Total and Per Capita Disposable Personal Income for Hawaii and the United States: 1997 to 2022
<a href="#">13.09</a>	Personal Income by Major Source, by SIC Industry: 1996 to 2001
<a href="#">13.10</a>	Personal Income by Major Source, by NAICS Industry: 2019 to 2022
<a href="#">13.11</a>	Personal Income, Total and Per Capita, in Constant Dollars, for the United States and by State: 2013 to 2021
<a href="#">13.12</a>	Personal Income, Total and Per Capita, and Population by County: 1998 to 2021
<a href="#">13.13</a>	Performance Rankings for Metropolitan Statistical Areas: 2022 and 2023
<a href="#">13.14</a>	The New Economy Index, Rank and Score for the 50 States: 2008 to 2020
<a href="#">13.15</a>	The New Economy Index, Rank: 2012, 2014, 2017, and 2020
<a href="#">13.16</a>	Economic Estimates and Projections for the State and by County: 2016 to 2045
<a href="#">13.17</a>	Median Income of Households, Families, Unrelated Individuals and Persons, by Sex: 1949 to 2021
<a href="#">13.18</a>	Median Income of Four-Person Families in Hawaii and the United States: 2005 to 2021
<a href="#">13.19</a>	Median Money Income of Households, for Hawaii and the United States, in Current and Constant 2021 Dollars: 1984 to 2021
<a href="#">13.20</a>	Median Money Income of Households, for Hawaii and the United States, 2-Year Moving Averages in Constant 2021 Dollars: 1984 to 2021
<a href="#">13.21</a>	Median Money Income of Households, for Hawaii and the United States, 3-Year Moving Averages in Constant 2021 Dollars: 1984 to 2021
<a href="#">13.22</a>	Median Income of Households, Families and Percent of Families and Persons Below Poverty Level, by County and Selected Census Designated Place (CDP): 2017-2021
<a href="#">13.23</a>	Estimated Median Household Income and Poverty Status, by County: 2019 to 2021
<a href="#">13.24</a>	Income of Households and Families: 2019 and 2021

**Table**  
**Number**    **Table Name**

(Click on the table number to go to corresponding table)

<a href="#">13.25</a>	Household Income Type and Per Capita Income, by County: 2017-2021
<a href="#">13.26</a>	Annual Self-Sufficiency Family Budgets For Selected Family Types: 2020
<a href="#">13.27</a>	Poverty Status of Persons: 2000 to 2021
<a href="#">13.28</a>	Poverty Status, for the State and by County: 2017-2021
<a href="#">13.29</a>	Poverty Income Guidelines for Hawaii, the 48 Contiguous States, and Alaska, 2016 to 2023
<a href="#">13.30</a>	Average Annual Expenditures and Other Characteristics of Consumer Units, for Honolulu Metropolitan Statistical Area: 2000-2001 to 2004-2005 and 2015-2016 to 2020-2021
<a href="#">13.31</a>	Average Annual Expenditures and Other Characteristics of Consumer Units, for Selected Western Metropolitan Statistical Areas: 2020-2021
<a href="#">13.32</a>	Average Annual Consumer Expenditures for Honolulu: 2013-2014
<a href="#">13.33</a>	Average Annual Consumer Expenditures for Maui County: 2014
<a href="#">13.34</a>	Average Annual Consumer Expenditures for Hawaii County: 2014
<a href="#">13.35</a>	Average Annual Consumer Expenditures for Kauai County: 2014
<a href="#">13.36</a>	Average Annual Consumer Expenditures, by County: 2014
<a href="#">13.37</a>	Personal Consumption Expenditures, by Major Type of Product: 2016 to 2021
<a href="#">13.38</a>	Personal Consumption Expenditures Per Capita, by Major Type of Product: 2015 to 2021
<a href="#">13.39</a>	Personal Consumption Expenditures Per Capita for the United States Average, the 50 States and the District of Columbia: 2015 to 2021
<a href="#">13.40</a>	Top Wealthholders: 1962 to 2019
<a href="#">13.41</a>	Top Wealthholders, for Hawaii and the United States Total: 2013, 2016, and 2019
<a href="#">13.42</a>	Net Worth of Richest Residents: 2012 to 2022
<a href="#">13.43</a>	Household Debt Per Capita for Hawaii and the United States Average: 1999 to 2022
<a href="#">13.44</a>	Household Debt Delinquency Per Capita for Hawaii and the United States Average: 1999 to 2022
<a href="#">13.45</a>	Household Debt Per Capita for Each of the 50 States, the District of Columbia, and the United States Average: 2022

## Section 13

# INCOME, EXPENDITURES, AND WEALTH

This section presents statistics on different aspects of income and expenditures, relating to state personal income, gross domestic product and to the distribution of income to families, households and individuals. Specifically, information is given on gross domestic product by industry; personal, family and household income; poverty, personal wealth, and family expenditures. Data on wage rates, salaries, and earnings appear in Sections 3, 9, 12, and 22; on industrial payrolls, in Sections 12, 15, and 20 through 23; on the family income of visitors, in Section 7; on retirement payments and public assistance, in Sections 10 and 11; on taxable income, in Section 9.

The chief sources of data shown in this section are the U.S. Bureau of Economic Analysis, U.S. Census Bureau, U.S. Bureau of Labor Statistics, U.S. Department of Health and Human Services, U.S. Internal Revenue Service; the Federal Reserve Bank of New York, and the Hawaii State Department of Business, Economic Development & Tourism. Sections 6 and 7 of *Historical Statistics of Hawaii* present data for earlier years. Comparable data for the country as a whole are given in the *Statistical Abstract of the United States: 2012*, Section 13.

The 2020 American Community Survey 1-year estimates were disrupted due to the COVID-19 pandemic. As a result, only experimental estimates were released. Because the experimental estimates should not be compared to other American Community Survey releases, 2020 estimates are not included in this section. Experimental estimates may be viewed at <https://www.census.gov/programs-surveys/acs/data/experimental-data/1-year.html>. The 2021 American Community Survey 1-year estimates are comparable to 2008 to 2019 and are included in Section 13 tables.

**Table 13.01-- HAWAII GENUINE PROGRESS INDICATOR (GPI): 2000 TO 2021**

[In billions of 2020 constant dollars. GPI is an indicator of economic welfare representing the costs and benefits of economic activity and can be decomposed into its constituent parts related to the economy, society and environment]

Year	Total GPI	Economic indicators	Social indicators	Environmental indicators
2000	44.1	22.3	28.4	-6.7
2001	43.8	23.0	27.5	-6.7
2002	44.3	23.5	28.1	-7.3
2003	44.8	24.5	28.0	-7.7
2004	45.2	24.7	28.7	-8.1
2005	46.0	25.7	28.7	-8.5
2006	48.0	27.1	29.4	-8.5
2007	1/ 48.7	1/ 27.4	30.1	-8.8
2008	1/ 51.2	1/ 27.7	30.0	-6.6
2009	1/ 52.5	1/ 27.4	31.6	-6.5
2010	1/ 51.9	1/ 27.5	31.7	1/ -7.3
2011 1/	52.5	27.6	32.2	-7.4
2012 1/	53.7	28.2	32.6	-7.2
2013 1/	54.9	28.9	33.2	-7.2
2014 1/	55.4	28.8	33.4	-6.9
2015 1/	57.1	28.5	35.6	-6.9
2016	1/ 62.1	1/ 31.8	1/ 37.2	-6.9
2017	1/ 63.5	1/ 31.3	1/ 39.3	-7.1
2018	1/ 64.3	1/ 32.2	1/ 39.2	-7.1
2019	1/ 64.0	1/ 31.9	1/ 39.2	-7.2
2020 1/	64.0	30.5	38.0	-4.4
2021	68.0	32.4	42.2	-6.6

1/ Revised from previous *Data Book*.

Source: Hawaii State Department of Business, Economic Development & Tourism, Research & Economic Analysis Division, "Hawaii Genuine Progress Indicator (HI GPI)" <<https://dbedt.hawaii.gov/economic/hawaii-genuine-progress-indicator-hi-gpi/>> accessed July 5, 2023.

**Table 13.02-- GROSS DOMESTIC PRODUCT, TOTAL AND PER CAPITA  
AND RESIDENT POPULATION: 1997 TO 2022**

[The North American Industry Classification System (NAICS) 2012 is the basis for 1997 to 2022]

Year and category	Total		Per capita		Resident population 2/
	Current dollars (\$M.)	Chained 2012 dollars (\$M.) 1/	Current dollars 2/	Chained 2012 dollars 1/	
1997	37,707	55,804	31,121	46,057	1,211,640
1998	37,623	54,405	30,959	44,769	1,215,233
1999	38,991	54,852	32,216	45,321	1,210,300
2000	41,097	55,891	33,866	46,057	1,213,519
2001	42,585	55,679	34,737	45,417	1,225,948
2002	44,644	56,991	36,015	45,975	1,239,613
2003	48,166	59,979	38,497	47,939	1,251,154
2004	52,354	63,318	41,108	49,717	1,273,569
2005	57,369	67,124	44,379	51,924	1,292,729
2006	60,847	68,759	46,457	52,499	1,309,731
2007	64,164	70,080	48,769	53,266	1,315,675
2008	65,678	70,461	49,300	52,890	1,332,213
2009	64,550	67,928	47,931	50,439	1,346,717
2010	66,873	69,628	48,989	51,007	1,365,064
2011	69,084	70,647	49,882	51,010	1,384,943
2012	71,905	71,905	51,177	51,177	1,405,024
2013	74,555	73,063	52,386	51,338	1,423,171
2014	76,773	73,512	53,530	51,256	1,434,212
2015	81,230	75,870	56,157	52,451	1,446,479
2016	83,914	77,304	57,594	53,057	1,457,008
2017	3/ 87,217	3/ 78,947	3/ 59,805	3/ 54,134	1,458,361
2018	3/ 90,331	3/ 79,845	3/ 61,863	3/ 54,682	1,460,183
2019	3/ 91,913	3/ 79,213	3/ 63,082	3/ 54,366	1,457,034
2020 3/	82,536	70,109	56,880	48,317	1,451,043
2021 3/	91,096	74,547	62,948	51,513	1,447,154
2022	98,219	75,418	68,198	52,367	1,440,196

1/ Real GDP is an inflation-adjusted measure of each state's gross product that is based on national prices for the goods and services produced within that state.

2/ U.S. Census Bureau midyear population estimates as available as of December 2021. BEA produced intercensal annual state population statistics for 2010 to 2019 that are tied to the Census Bureau decennial counts for 2010 and 2020 as the Census Bureau has not yet produced these data. 2020 to 2022 are Census-released state population data which are based on the 2020 decennial counts.

3/ Revised from previous *Data Book*.

Source: U.S. Bureau of Economic Analysis, Gross Domestic Product by State (March 31, 2023) <<https://apps.bea.gov/itable/?ReqID=70&step=1>> accessed March 31, 2023; Ibid. SAINC1 Personal Income Summary (March 23, 2023) <<https://apps.bea.gov/itable/?ReqID=70&step=1>> accessed March 31, 2023; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

**Table 13.03-- GROSS DOMESTIC PRODUCT, HAWAII AND THE UNITED STATES: 1997 TO 2022**

[The North American Industry Classification System (NAICS) 2012 is the basis for 1997 to 2022]

Year and category	Hawaii			United States		
	Millions of dollars		Chained quantity index 1/ (2012=100)	Millions of dollars		Chained quantity index 1/ (2012=100)
	Current	Real 1/ (chained 2012 dollars)		Current	Real 1/ (chained 2012 dollars)	
1997	37,707	55,804	77.608	8,577,552	11,529,157	70.931
1998	37,623	54,405	75.662	9,062,817	12,045,824	74.110
1999	38,991	54,852	76.284	9,631,172	12,623,361	77.663
2000	41,097	55,891	77.729	10,250,952	13,138,035	80.830
2001	42,585	55,679	77.433	10,581,929	13,263,417	81.601
2002	44,644	56,991	79.258	10,929,108	13,488,357	82.985
2003	48,166	59,979	83.414	11,456,450	13,865,519	85.305
2004	52,354	63,318	88.058	12,217,196	14,399,696	88.592
2005	57,369	67,124	93.350	13,039,197	14,901,269	91.678
2006	60,847	68,759	95.625	13,815,583	15,315,943	94.229
2007	64,164	70,080	97.462	14,474,228	15,623,871	96.123
2008	65,678	70,461	97.991	14,769,862	15,642,962	96.241
2009	64,550	67,928	94.468	14,478,067	15,236,262	93.739
2010	66,873	69,628	96.833	15,048,970	15,648,991	96.278
2011	69,084	70,647	98.250	15,599,731	15,891,534	97.770
2012	71,905	71,905	100.000	16,253,970	16,253,970	100.000
2013	74,555	73,063	101.610	16,843,196	16,553,348	101.842
2014	76,773	73,512	102.235	17,550,687	16,932,051	104.172
2015	81,230	75,870	105.513	18,206,023	17,390,295	106.991
2016	83,914	77,304	107.508	18,695,106	17,680,274	108.775
2017 2/	87,217	78,947	109.794	19,477,337	18,076,651	111.214
2018 2/	90,331	79,845	111.042	20,533,058	18,609,078	114.489
2019 2/	91,913	79,213	110.163	21,380,976	19,036,052	117.116
2020 2/	82,536	70,109	97.502	21,060,474	18,509,143	113.875
2021 2/	91,096	74,547	103.674	23,315,081	19,609,812	120.646
2022	98,219	75,418	104.886	25,462,722	20,014,128	123.134

1/ Real GDP is an inflation-adjusted measure of each State's gross product that is based on national prices for the goods and services produced within that State.

2/ Revised from previous *Data Book*.

Source: U.S. Bureau of Economic Analysis, Gross Domestic Product by State (March 31, 2023)  
Table SAGDP1 <<https://apps.bea.gov/itable/?ReqID=70&step=1>> accessed March 31, 2023.

**Table 13.04-- GROSS DOMESTIC PRODUCT, BY SIC INDUSTRY: 1977 TO 1997**

[In millions of current dollars. GDP estimates of private industries for 1987 forward are presented on the basis of the 1987 Standard Industrial Classification code (SIC). Estimates for earlier years are presented on the basis of the 1972 SIC. BEA released revised NAICS 1997 to 2020 estimates on March 23, 2022 but the current dollar SIC estimates shown here were not affected. Formerly called 'Gross State Product']

Industry	1977	1982	1987	1992	1993	1994	1995	1996	1997
Total, all industries	9,441	15,740	24,273	36,129	36,732	37,395	37,763	38,125	39,064
Private industries	6,829	11,650	18,756	28,350	28,732	29,487	29,827	30,145	30,768
Agriculture, forestry, & fishing	212	339	438	471	431	451	425	451	457
Farms	181	289	340	297	273	281	249	277	284
Ag. serv, forestry, & fishing	31	49	98	174	158	171	176	174	174
Mining	(1/)	3	13	40	41	41	42	49	48
Construction	573	749	1,143	2,195	2,307	2,100	1,960	1,797	1,699
Manufacturing	511	683	991	1,215	1,053	1,085	1,041	1,062	1,023
Transp. and public utilities	982	1,486	2,375	3,483	3,299	3,531	3,804	3,932	4,056
Wholesale trade	460	653	918	1,361	1,410	1,468	1,460	1,496	1,502
Retail trade	995	1,612	2,493	3,736	3,940	4,075	4,163	4,280	4,360
Finan., insurance, & real estate	1,585	3,462	6,060	8,614	8,814	8,927	8,919	8,842	9,064
Real estate	1,240	2,673	4,658	7,177	7,210	7,298	7,414	7,417	7,534
Services	1,513	2,663	4,325	7,234	7,436	7,809	8,012	8,236	8,558
Hotels & other lodging places	437	724	1,083	1,698	1,704	1,822	1,923	2,042	2,156
Health services	316	572	959	1,739	1,849	1,952	1,997	2,024	2,068
Other than hotels & health	760	1,367	2,283	3,797	3,883	4,035	4,092	4,170	4,334
Government	2,612	4,090	5,516	7,780	8,001	7,908	7,936	7,980	8,296
Federal government	1,735	2,689	3,684	4,543	4,486	4,506	4,490	4,543	4,750
Civilian	681	1,125	1,406	1,741	1,769	1,803	1,869	1,832	1,990
Military	1,054	1,564	2,278	2,802	2,717	2,703	2,621	2,711	2,760
State and local government	876	1,401	1,832	3,236	3,515	3,402	3,446	3,437	3,546

1/ Less than \$500,000.

Source: U.S. Bureau of Economic Analysis, Gross Domestic Product By SIC Industry 1963 to 1997 (November 10, 2010)  
 <<http://www.bea.gov/iTable/iTable.cfm?ReqID=70&step=1>> accessed November 24, 2010.

**Table 13.05-- GROSS DOMESTIC PRODUCT, BY NAICS INDUSTRY:  
2017 TO 2022**

[In millions of current dollars. Based on the 2012 North American Industry Classification System (NAICS) basis. 2017 to 2021 data revised from previous *Data Book*]

Industry	2017	2018	2019	2020	2021	2022
Total, all industries	87,217.4	90,330.8	91,912.7	82,535.5	91,096.1	98,218.8
Private industries	69,269.1	72,375.4	73,714.4	63,977.9	71,641.3	78,209.7
Agri., forestry, fish., & hunting	472.1	415.2	362.3	327.0	322.5	(D)
Mining, quar., gas & oil extraction	60.0	77.6	69.9	72.4	88.7	110.8
Utilities	1,831.9	1,866.5	1,859.5	1,797.8	1,968.8	2,551.8
Construction	5,025.8	5,020.1	5,323.8	5,236.8	5,278.6	5,115.0
Manufacturing	1,666.5	1,790.5	1,505.9	1,309.4	1,677.6	(D)
Wholesale trade	2,812.4	2,844.3	3,004.5	2,780.6	3,163.3	3,204.9
Retail trade	5,722.5	6,025.6	6,218.3	5,543.7	6,133.4	6,544.4
Trans. & warehousing	4,904.3	4,906.9	5,497.4	2,865.6	3,411.2	4,496.6
Information	1,970.4	2,206.5	2,007.7	1,835.5	2,215.0	2,480.4
Finance and insurance	3,099.3	3,393.8	3,516.5	3,668.9	4,084.9	3,935.9
Real estate, rental, & leasing	15,721.9	15,972.3	15,742.3	15,349.1	15,961.9	17,161.7
Prof., scientific & tech. serv.	3,669.0	3,800.8	3,860.3	3,683.6	4,102.6	4,365.7
Mgt of companies & enterprises	1,100.3	1,139.1	1,196.3	1,096.4	1,135.4	1,240.2
Administrative & waste services	3,055.7	3,175.0	2,757.4	2,479.7	2,664.0	2,955.4
Educational services	972.0	1,003.5	1,031.7	929.7	1,030.9	1,087.5
Health care & social assistance	5,971.1	6,257.9	6,609.1	6,770.7	7,119.4	7,378.0
Arts, entertainment, & recreation	1,030.4	1,121.6	1,209.2	722.1	1,007.0	1,211.5
Accommodation & food services	8,196.5	9,252.3	9,749.6	5,575.9	8,133.4	9,700.8
Accommodation	5,051.4	5,913.0	6,054.3	3,400.4	4,698.2	(NA)
Food serv. & drinking places	3,145.0	3,339.3	3,695.3	2,175.5	3,435.2	(NA)
Other services, exc. gov't	1,986.9	2,105.8	2,192.7	1,933.0	2,142.5	2,401.2
Government	17,948.3	17,955.4	18,198.3	18,557.6	19,454.8	20,009.1
Federal civilian	4,450.8	4,616.7	4,806.1	5,002.6	5,263.6	5,509.4
Federal military	5,362.8	4,948.7	4,859.5	5,014.9	5,562.3	5,604.5
State & local	8,134.6	8,390.0	8,532.7	8,540.2	8,628.9	8,895.2

D Not shown to avoid disclosure of confidential information; estimates are included in higher-level totals.

NA Not available.

Source: U.S. Bureau of Economic Analysis, Gross Domestic Product By State, SAGDP2N (March 31, 2023)  
<<https://www.bea.gov/itable/iTable.cfm?ReqID=70&step=1>> accessed March 31, 2023.

**Table 13.06-- GROSS DOMESTIC PRODUCT, BY NAICS INDUSTRY,  
IN CONSTANT DOLLARS: 2017 TO 2022**

[In millions of chained 2012 dollars. Based on the 2012 North American Industry Classification System (NAICS) basis. 2017 to 2021 revised from previous *Data Book*]

Industry	2017	2018	2019	2020	2021	2022
Total, all industries	78,947.4	79,845.3	79,213.4	70,109.4	74,547.2	75,418.3
Private industries	62,698.4	64,086.5	63,584.6	54,598.8	58,860.5	59,903.5
Agri., forestry, fishing, & hunting	621.7	565.6	507.9	463.4	335.8	(D)
Mining	68.3	84.2	76.4	79.9	90.6	95.5
Utilities	1,667.5	1,653.5	1,595.4	1,564.8	1,468.2	1,594.8
Construction	4,080.9	3,938.4	3,971.1	3,796.3	3,709.3	3,022.1
Manufacturing	1,783.5	1,782.5	1,565.4	1,433.8	1,551.1	(D)
Wholesale trade	2,644.0	2,587.1	2,592.5	2,422.7	2,547.5	2,321.9
Retail trade	5,610.8	5,883.1	5,953.2	4,990.0	4,907.8	4,767.0
Trans. & warehousing	4,226.2	4,227.2	4,498.4	2,590.8	3,024.7	3,489.6
Information	2,160.6	2,446.4	2,239.6	2,055.9	2,530.4	2,872.6
Finance and insurance	2,591.0	2,655.0	2,718.5	2,776.1	3,099.4	2,955.1
Real estate, rental, & leasing	13,973.1	13,910.8	13,315.4	12,624.1	12,942.2	13,393.4
Prof., scientific & tech. services	3,452.6	3,537.7	3,549.1	3,340.4	3,716.2	3,880.9
Mgt of companies & enterprises	1,113.1	1,171.8	1,256.8	1,171.8	1,236.1	1,374.6
Administrative & waste services	2,737.7	2,813.2	2,387.3	2,097.0	2,211.0	2,350.1
Educational services	846.8	855.4	858.9	753.3	812.6	832.0
Health care & social assistance	5,561.2	5,754.1	5,963.0	5,951.3	6,099.4	6,160.0
Arts, entertainment, & recreation	911.5	970.3	1,017.8	571.1	795.2	933.4
Accommodation & food services	6,984.6	7,574.1	7,735.9	4,544.2	6,357.5	6,905.6
Accommodation	4,348.7	4,863.1	4,833.0	2,952.6	3,907.5	(NA)
Food serv. & drinking places	2,635.4	2,713.4	2,903.5	1,601.9	2,430.6	(NA)
Other services, exc. gov't	1,714.7	1,768.5	1,777.2	1,493.9	1,592.5	1,671.9
Government	16,253.4	15,765.8	15,635.7	15,493.7	15,684.4	15,522.4
Federal civilian	4,125.5	4,154.9	4,237.9	4,336.9	4,410.4	4,445.0
Federal military	4,970.9	4,453.7	4,285.0	4,347.5	4,660.6	4,523.0
State & local	7,138.0	7,126.9	7,081.9	6,795.6	6,622.7	6,563.4

D Not shown to avoid disclosure of confidential information; estimates are included in higher-level totals.

NA Not available.

Source: U.S. Bureau of Economic Analysis, Gross Domestic Product By State SAGDP9N (March 31, 2023)  
<<https://www.bea.gov/itable/iTable.cfm?ReqID=70&step=1>> accessed March 31, 2023.

**Table 13.07-- TOTAL AND PER CAPITA PERSONAL INCOME FOR HAWAII AND THE UNITED STATES: 1969 TO 2022**

Year	Personal income (millions of dollars)		Resident population 1/		Per capita personal income 2/		
	Hawaii	U.S.	Hawaii	U.S.	Dollars		Hawaii as percent of U.S. average
					Hawaii	U.S.	
1969	3,643	791,229	743,000	201,298,000	4,903	3,931	124.7
1970	4,225	855,525	762,920	203,798,722	5,538	4,198	131.9
1971	4,584	924,613	791,580	206,817,509	5,791	4,471	129.5
1972	5,048	1,016,408	818,104	209,274,882	6,170	4,857	127.0
1973	5,593	1,133,468	841,851	211,349,205	6,643	5,363	123.9
1974	6,361	1,244,912	858,121	213,333,635	7,412	5,836	127.0
1975	6,919	1,362,505	875,052	215,456,585	7,907	6,324	125.0
1976	7,466	1,495,704	892,335	217,553,859	8,367	6,875	121.7
1977	8,084	1,651,632	915,749	219,760,875	8,828	7,516	117.5
1978	8,954	1,855,849	928,816	222,098,244	9,640	8,356	115.4
1979	10,043	2,073,257	950,050	224,568,579	10,571	9,232	114.5
1980	11,484	2,313,160	967,710	227,224,719	11,867	10,180	116.6
1981	12,434	2,592,915	978,195	229,465,744	12,711	11,300	112.5
1982	13,166	2,779,794	993,780	231,664,432	13,249	11,999	110.4
1983	14,443	2,968,676	1,012,717	233,792,014	14,262	12,698	112.3
1984	15,473	3,279,488	1,027,922	235,824,907	15,052	13,906	108.2
1985	16,453	3,510,471	1,039,698	237,923,734	15,824	14,755	107.2
1986	17,458	3,719,647	1,051,762	240,132,831	16,599	15,490	107.2
1987	18,619	3,946,593	1,067,917	242,288,936	17,435	16,289	107.0
1988	20,478	4,267,813	1,079,827	244,499,004	18,964	17,455	108.6
1989	22,874	4,609,667	1,094,588	246,819,222	20,897	18,676	111.9
1990	24,979	4,897,821	1,113,491	249,622,814	22,433	19,621	114.3
1991	26,433	5,067,291	1,136,754	252,980,941	23,253	20,030	116.1
1992	28,435	5,409,920	1,158,613	256,514,224	24,542	21,090	116.4
1993	29,477	5,648,732	1,172,838	259,918,588	25,133	21,733	115.6
1994	30,164	5,940,128	1,187,536	263,125,821	25,400	22,575	112.5
1995	30,864	6,286,143	1,196,854	266,278,393	25,788	23,607	109.2
1996	30,895	6,673,186	1,203,755	269,394,284	25,665	24,771	103.6
1997	31,908	7,086,935	1,211,640	272,646,925	26,334	25,993	101.3
1998	32,515	7,601,594	1,215,233	275,854,104	26,756	27,557	97.1
1999	33,608	8,006,585	1,210,300	279,040,168	27,768	28,693	96.8
2000	35,579	8,654,561	1,213,519	282,162,411	29,319	30,672	95.6

Continued on next page.

**Table 13.07-- TOTAL AND PER CAPITA PERSONAL INCOME FOR HAWAII AND THE UNITED STATES: 1969 TO 2022 -- Con.**

Year	Personal income (millions of dollars)		Resident population 1/		Per capita personal income 2/		
	Hawaii	U.S.	Hawaii	U.S.	Dollars		Hawaii as percent of U.S. average
					Hawaii	U.S.	
2001	37,059	9,009,842	1,225,948	284,968,955	30,229	31,617	95.6
2002	38,747	9,157,682	1,239,613	287,625,193	31,257	31,839	98.2
2003	40,621	9,491,393	1,251,154	290,107,933	32,467	32,717	99.2
2004	43,655	10,037,313	1,273,569	292,805,298	34,277	34,280	100.0
2005	47,023	10,599,603	1,292,729	295,516,599	36,375	35,868	101.4
2006	50,399	11,374,142	1,309,731	298,379,912	38,480	38,120	100.9
2007	53,272	12,014,107	1,315,675	301,231,207	40,490	39,883	101.5
2008	55,911	12,475,898	1,332,213	304,093,966	41,969	41,026	102.3
2009	55,326	12,073,407	1,346,717	306,771,529	41,082	39,356	104.4
2010	56,751	12,586,509	1,365,064	309,378,433	41,574	40,683	102.2
2011	59,288	13,330,436	1,384,943	311,841,632	42,809	42,747	100.1
2012	61,557	14,003,346	1,405,024	314,344,331	43,812	44,548	98.3
2013	62,521	14,189,228	1,423,171	316,735,375	43,931	44,798	98.1
2014	66,037	14,969,527	1,434,212	319,270,047	46,044	46,887	98.2
2015	69,109	15,681,233	1,446,479	321,829,327	47,777	48,725	98.1
2016	71,572	16,092,713	1,457,008	324,367,742	49,122	49,613	99.0
2017	3/ 74,543	16,837,337	1,458,361	326,623,063	3/ 51,114	3/ 51,550	99.2
2018	3/ 76,168	17,671,054	1,460,183	328,542,157	3/ 52,164	3/ 53,786	3/ 97.0
2019	3/ 79,700	18,575,467	1,457,034	330,233,102	3/ 54,700	3/ 56,250	3/ 97.2
2020	3/ 83,110	3/ 19,812,171	3/ 1,451,043	331,511,512	3/ 57,276	3/ 59,763	3/ 95.8
2021	3/ 87,858	3/ 21,288,709	3/ 1,447,154	332,031,554	3/ 60,711	3/ 64,117	3/ 94.7
2022	88,104	21,804,788	1,440,196	333,287,557	61,175	65,423	93.5

1/ Census Bureau midyear population estimates through 2009. BEA produced intercensal annual state population statistics for 2010 to 2019 (tied to the Census Bureau decennial counts for 2010 and 2020) as the Census Bureau did not publish these data when they released state population data for 2020 and 2021. BEA statistics will be used until the Census Bureau releases its official intercensal population data.

2/ Per capita personal income is total personal income divided by total midyear population.

3/ Revised from previous *Data Book*.

Source: U.S. Bureau of Economic Analysis, State Personal Income Summary SAINC1 (March 31, 2023) <<http://www.bea.gov/iTable/iTable.cfm?ReqID=70&step=1>> accessed June 23, 2023; and calculations by the Hawaii State Department of Business, Economic Development & Tourism.

**Table 13.08-- TOTAL AND PER CAPITA DISPOSABLE PERSONAL INCOME FOR HAWAII AND THE UNITED STATES: 1997 TO 2022**

Year	Disposable personal income (millions of dollars)		Resident population 1/		Per capita disposable personal income 2/		Hawaii as percent of U.S. average
	Hawaii	U.S.	Hawaii	U.S.	Dollars		
					Hawaii	U.S.	
1997	28,229	6,156,053	1,211,640	272,646,925	23,298	22,579	103.2
1998	28,650	6,570,164	1,215,233	275,854,104	23,576	23,818	99.0
1999	29,573	6,895,701	1,210,300	279,040,168	24,434	24,712	98.9
2000	31,233	7,419,311	1,213,519	282,162,411	25,738	26,294	97.9
2001	32,589	7,771,915	1,225,948	284,968,955	26,583	27,273	97.5
2002	34,701	8,106,499	1,239,613	287,625,193	27,993	28,184	99.3
2003	36,621	8,488,947	1,251,154	290,107,933	29,269	29,261	100.0
2004	39,338	8,989,689	1,273,569	292,805,298	30,888	30,702	100.6
2005	41,905	9,388,418	1,292,729	295,516,599	32,416	31,770	102.0
2006	44,826	10,018,674	1,309,731	298,379,912	34,225	33,577	101.9
2007	47,363	10,523,276	1,315,675	301,231,207	35,999	34,934	103.0
2008	49,987	10,970,087	1,332,213	304,093,966	37,522	36,075	104.0
2009	50,552	10,922,500	1,346,717	306,771,529	37,537	35,605	105.4
2010	51,981	11,350,505	1,365,064	309,378,433	38,080	36,688	103.8
2011	53,846	11,878,781	1,384,943	311,841,632	38,880	38,092	102.1
2012	55,883	12,495,876	1,405,024	314,344,331	39,774	39,752	100.1
2013	56,154	12,515,000	1,423,171	316,735,375	39,457	39,512	99.9
2014	59,272	13,187,189	1,434,212	319,270,047	41,327	41,304	100.1
2015	61,526	13,743,790	1,446,479	321,829,327	42,535	42,705	99.6
2016	63,643	14,136,149	1,457,008	324,367,742	43,680	43,581	100.2
2017	3/ 66,326	3/ 14,790,170	1,458,361	326,623,063	3/ 45,480	3/ 45,282	3/ 100.4
2018	3/ 68,042	3/ 15,598,091	1,460,183	328,542,157	3/ 46,598	3/ 47,477	98.1
2019	3/ 70,982	3/ 16,379,175	1,457,034	330,233,102	3/ 48,717	3/ 49,599	3/ 98.2
2020 3/	74,141	17,577,865	1,451,043	331,511,512	51,095	53,023	96.4
2021 3/	77,268	18,629,289	1,447,154	332,031,554	53,393	56,107	95.2
2022 3/	75,632	18,608,077	1,440,196	333,287,557	52,515	55,832	94.1

1/ Census Bureau midyear population estimates through 2009. BEA produced intercensal annual state population statistics for 2010 to 2019 (tied to the Census Bureau decennial counts for 2010 and 2020) as the Census Bureau did not publish these data when they released state population data for 2020 and 2021. BEA statistics will be used until the Census Bureau releases its official intercensal population data.

2/ Per capita personal income is total personal income divided by total midyear population.

3/ Revised from previous *Data Book*.

Source: U.S. Bureau of Economic Analysis, State Personal Income Summary SAINC51 (March 23, 2023) <<https://apps.bea.gov/itable/?ReqID=70&step=1>> accessed June 23, 2023; and calculations by the Hawaii State Department of Business, Economic Development & Tourism.

**Table 13.09-- PERSONAL INCOME BY MAJOR SOURCE, BY SIC INDUSTRY: 1996 TO 2001**

[In thousands of dollars. The estimates of earnings are based on the 1987 Standard Industrial Classification (SIC) Code]

Item	1996	1997	1998	1999	2000	2001
Personal income	30,894,933	31,907,547	32,514,628	33,608,141	35,579,023	37,058,606
Earnings by place of work	23,100,404	23,742,063	24,118,706	25,075,968	26,592,658	28,063,097
Wages & salaries	16,718,142	17,215,868	17,621,036	18,185,436	19,173,030	19,831,092
Supplements to wages and salaries 1/	4,028,285	4,043,017	4,098,585	4,214,313	4,474,279	4,803,051
Emp'er cont. for emp. pension & ins. funds	2,720,336	2,717,470	2,771,192	2,860,987	3,043,854	3,296,890
Employer cont. for gov't social ins.	1,307,949	1,325,547	1,327,393	1,353,326	1,430,425	1,506,161
Proprietors' income 2/	2,353,977	2,483,178	2,399,085	2,676,219	2,945,349	3,428,954
Farm proprietors' income	19,866	36,106	38,283	43,843	40,387	39,138
Nonfarm proprietors' income	2,334,111	2,447,072	2,360,802	2,632,376	2,904,962	3,389,816
Dividends, interest, and rent 3/	6,704,753	7,101,810	7,300,700	7,349,818	7,745,100	7,592,949
Personal current transfer receipts 4/	3,679,587	3,693,737	3,766,251	3,922,182	4,130,169	4,450,371
Less: Contrib. for gov't social ins. 5/	2,589,811	2,630,063	2,671,029	2,739,827	2,888,904	3,047,811
Emp'ee & self-emp. cont. for gov't soc. ins.	1,281,862	1,304,516	1,343,636	1,386,501	1,458,479	1,541,650
Employer cont. for gov't social ins.	1,307,949	1,325,547	1,327,393	1,353,326	1,430,425	1,506,161
Earnings by industry						
Farm earnings	195,326	204,858	217,524	244,550	240,333	236,703
Nonfarm earnings	22,905,078	23,537,205	23,901,182	24,831,418	26,352,325	27,826,394
Private nonfarm earnings	16,562,229	16,891,007	17,096,942	17,686,901	18,989,298	20,082,958
Agri. services, forestry, & fishing	141,522	142,227	131,461	138,439	143,871	154,316
Mining	24,569	23,241	24,000	23,986	25,358	26,447
Construction	1,547,150	1,460,164	1,401,252	1,429,061	1,634,386	1,741,050
Manufacturing	749,900	768,161	746,726	765,149	797,087	849,485
Transportation & public utilities	1,857,393	1,887,820	1,882,331	1,963,044	2,066,438	2,163,100

Continued on next page.

**Table 13.09-- PERSONAL INCOME BY MAJOR SOURCE, BY SIC INDUSTRY: 1996 TO 2001 -- Con.**

Item	1996	1997	1998	1999	2000	2001
Wholesale trade	900,744	913,560	936,737	932,265	995,476	1,033,989
Retail trade	2,845,185	2,908,520	2,895,687	3,065,576	3,068,416	3,129,735
Finance, insurance, and real estate	1,891,160	1,935,320	1,974,658	2,043,397	2,250,639	2,277,448
Services	6,604,606	6,851,994	7,104,090	7,325,984	8,007,627	8,707,388
Hotels and other lodging places	1,277,455	1,334,367	1,351,945	1,403,008	1,528,965	(NA)
Business services	768,453	841,331	903,117	1,013,434	1,203,630	(NA)
Health services	1,808,829	1,856,421	1,928,574	1,951,176	2,063,012	(NA)
Other	2,749,869	2,819,875	2,920,454	2,958,366	3,212,020	(NA)
Government and government enterprises	6,342,849	6,646,198	6,804,240	7,144,517	7,363,027	7,743,436
Federal	3,394,300	3,568,735	3,656,228	3,712,487	3,933,024	4,148,216
Federal, civilian	1,434,333	1,573,065	1,666,050	1,709,972	1,851,830	1,881,689
Military	1,959,967	1,995,670	1,990,178	2,002,515	2,081,194	2,266,527
State & local government	2,948,549	3,077,463	3,148,012	3,432,030	3,430,003	3,595,220
State	2,215,898	2,309,741	2,369,602	2,602,822	2,606,722	2,727,146
Local	732,651	767,722	778,410	829,208	823,281	868,074

NA Not available.

1/ This component of personal income consists of employer contributions for employee pension and insurance funds and of employer contributions for government social insurance.

2/ Proprietors' income includes the inventory valuation adjustment and the capital consumption adjustment.

3/ Rental income of persons includes the capital consumption adjustment.

4/ This component of personal income is payments to persons for which no current services are performed. It consists of payments to individuals and to nonprofit institutions by Federal, state, and local governments and by businesses.

5/ These contributions are included in earnings by type and industry, but are subtracted in the calculation of personal income. They consist of personal contributions for government social insurance and employer contributions for government social insurance.

Source: U.S. Bureau of Economic Analysis, State Personal Income (September 23, 2021) "SAINC5S Personal Income by Major Component and Earnings by SIC Industry" <<http://www.bea.gov/iTable/iTable.cfm?reqid=70&step=1>> accessed June 23, 2022; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

**Table 13.10-- PERSONAL INCOME BY MAJOR SOURCE, BY NAICS  
INDUSTRY: 2019 TO 2022**

[In thousands of dollars. The estimates for 2016 are based on the 2012 North American Industry Classification System (NAICS) Code, and 2017 forward on the 2017 NAICS. 2019 to 2021 revised from previous *Data Book*]

Item	2019	2020	2021	2022
Personal income	79,699,710	83,109,524	87,857,663	88,103,649
Earnings by place of work	57,266,561	53,939,388	57,921,085	61,631,259
Less: Contrib. for gov't social ins. 1/	6,539,137	6,237,416	6,623,962	7,149,855
Employee and self-employed	3,462,743	3,295,044	3,494,112	3,752,662
Employer	3,076,394	2,942,372	3,129,850	3,397,193
Net earnings by place of residence	50,727,424	47,701,972	51,297,123	54,481,404
Dividends, interest, and rent 2/	16,267,699	16,077,824	16,367,252	17,135,467
Personal current transfer receipts	12,704,587	19,329,728	20,193,288	16,486,778
Wages and salaries	39,274,486	36,709,625	39,663,860	42,949,779
Supp. to wages & sal.- emp'er contrib.	11,147,584	11,141,936	11,691,722	12,080,302
For employee pension & ins. funds 3/	8,071,190	8,199,564	8,561,872	8,683,109
For government social insurance	3,076,394	2,942,372	3,129,850	3,397,193
Proprietors' income 4/	6,844,491	6,087,827	6,565,503	6,601,178
Farm proprietors' income	-7,177	-12,188	-29,714	-36,152
Nonfarm proprietors' income	6,851,668	6,100,015	6,595,217	6,637,330
Farm earnings	199,618	205,730	204,924	220,317
Nonfarm earnings	57,066,943	53,733,658	57,716,161	61,410,942
Private earnings	41,060,476	37,163,414	40,639,902	44,342,442
Forestry, fishing, rel. activ., & other	82,656	84,850	(D)	(D)
Mining, quarrying, oil & gas extraction	28,502	29,903	29,898	32,804
Utilities	597,888	634,740	617,187	664,896
Construction	4,614,054	4,594,454	4,676,401	4,791,595
Manufacturing	1,013,857	947,207	(D)	(D)
Wholesale trade	1,478,873	1,422,728	1,496,632	1,631,113
Retail trade	3,324,068	3,054,362	3,323,729	3,617,353
Transportation and warehousing	2,665,064	2,223,653	2,397,440	2,876,781
Information	873,598	780,000	983,624	1,111,129
Finance and insurance	1,773,001	1,877,783	2,005,530	1,916,454
Real estate and rental and leasing	2,126,508	1,922,127	2,046,162	2,097,601
Prof., scientific, & tech. services	3,198,600	3,250,837	3,535,247	3,820,100
Mgt of companies & enterprises	1,070,946	969,434	1,008,892	1,110,508
Admin. & supp. & waste mgt. & remed.	2,266,417	2,135,171	2,170,618	2,506,616
Educational services	846,727	839,126	916,236	952,472
Health care and social assistance	5,895,803	6,259,180	6,502,605	6,611,628

Continued on next page.

**Table 13.10-- PERSONAL INCOME BY MAJOR SOURCE, BY NAICS INDUSTRY: 2019 TO 2022 -- Con.**

Item	2019	2020	2021	2022
Arts, entertainment, and recreation	811,912	569,328	713,026	856,968
Accommodation & food services	6,062,083	3,440,278	4,983,792	6,253,567
Accommodation	3,163,892	1,611,326	2,244,809	(NA)
Food services and drinking places	2,898,191	1,828,952	2,738,983	(NA)
Other services (exc. gov't & gov't ent.)	2,329,919	2,128,253	2,208,217	2,397,809
Gov't and gov't enterprises	16,006,467	16,570,244	17,076,259	17,068,500
Federal	8,538,434	8,843,121	9,348,008	9,421,815
Civilian	4,021,420	4,177,414	4,332,559	4,419,794
Military	4,517,014	4,665,707	5,015,449	5,002,021
State and local	7,468,033	7,727,123	7,728,251	7,646,685
State	5,504,802	5,669,678	5,706,686	(NA)
Local	1,963,231	2,057,445	2,021,565	(NA)

D Not shown to avoid disclosure of confidential information; estimates are included in higher-level totals.

NA Not available.

1/ These contributions are included in earnings by type and industry, but are subtracted in the calculation of personal income. They consist of personal contributions for government social insurance and employer contributions for government social insurance.

2/ Rental income of persons includes the capital consumption adjustment.

3/ Includes actual employer contributions and actuarially imputed employer contributions to reflect benefits accrued by defined benefit pension plan participants through service to employers in the current period.

4/ Proprietors' income includes the inventory valuation adjustment and the capital consumption adjustment.

Source: U.S. Bureau of Economic Analysis, Annual State Personal Income, "SAINC5N Personal Income by Major Component and Earnings by NAICS Industry" (March 31, 2023)

<<http://www.bea.gov/iTable/iTable.cfm?reqid=70&step=1>> accessed July 9, 2023; and calculations by Hawaii Department of Business, Economic Development & Tourism.

**Table 13.11-- PERSONAL INCOME, TOTAL AND PER CAPITA, IN CONSTANT DOLLARS, FOR THE UNITED STATES AND BY STATE: 2013 TO 2021**

[U.S. Bureau of Economic Analysis revised 2010 to 2020, see source for earlier data. Real personal income 2017 to 2020 and real per capita personal income 2012 to 2019 revised from previous *Data Book*]

State	2013	2014	2015	2016	2017	2018	2019	2020	2021
Real personal income (millions of chained 2012 dollars) 1/									
United States	13,999,660	14,549,526	15,207,440	15,451,718	15,876,254	16,314,205	16,897,074	17,825,584	18,412,541
Alabama	190,336	193,661	203,544	203,119	209,349	219,469	223,627	239,485	246,874
Alaska	37,517	38,786	39,587	38,321	38,217	38,939	39,946	41,162	40,052
Arizona	243,833	255,373	268,726	274,245	289,284	300,700	316,996	341,319	362,114
Arkansas	118,709	124,219	128,393	130,467	134,180	137,987	138,378	145,094	148,569
California	1,694,852	1,779,398	1,889,769	1,966,518	1,976,276	2,010,957	2,108,670	2,250,420	2,332,658
Colorado	239,355	258,427	269,350	272,578	284,014	306,574	317,157	328,502	346,082
Connecticut	209,364	216,508	222,029	223,770	222,844	234,057	239,456	243,003	253,920
Delaware	41,092	41,848	44,484	45,113	46,479	47,744	49,097	52,230	53,406
Dist. of Col.	38,122	40,156	43,487	45,796	46,757	46,973	48,433	50,237	50,398
Florida	785,342	829,812	880,226	904,603	958,599	1,002,848	1,063,735	1,107,489	1,160,014
Georgia	390,998	411,246	436,653	447,344	465,347	481,891	504,913	533,033	545,636
<b>Hawaii</b>	<b>55,296</b>	<b>58,021</b>	<b>60,244</b>	<b>62,241</b>	<b>63,795</b>	<b>63,590</b>	<b>65,081</b>	<b>66,554</b>	<b>67,312</b>
Idaho	61,764	63,856	67,351	70,499	71,901	77,145	81,848	90,743	94,097
Illinois	598,684	621,834	653,428	649,493	651,755	670,528	687,638	712,987	728,883
Indiana	276,740	283,522	297,867	303,410	312,858	314,992	323,719	348,012	359,702
Iowa	145,254	147,481	156,301	155,386	158,139	157,170	159,421	169,973	176,780
Kansas	141,342	141,649	143,875	143,914	146,990	148,692	152,426	160,786	164,557
Kentucky	171,809	177,771	186,364	188,248	191,800	195,792	200,945	216,980	225,019
Louisiana	200,831	206,650	208,112	203,910	210,982	219,337	222,219	234,480	238,269
Maine	54,930	58,380	59,183	60,828	60,582	61,629	66,175	69,103	71,622
Maryland	284,549	291,425	304,566	315,508	319,906	323,451	332,934	343,877	351,519
Massachusetts	368,116	375,209	398,072	397,806	408,731	419,097	436,144	455,315	475,687
Michigan	408,993	418,732	449,114	458,546	468,965	468,570	473,797	513,048	522,601

Continued on next page.

**Table 13.11-- PERSONAL INCOME, TOTAL AND PER CAPITA, IN CONSTANT DOLLARS, FOR THE UNITED STATES AND BY STATE: 2013 TO 2021 -- Con.**

State	2013	2014	2015	2016	2017	2018	2019	2020	2021
Minnesota	262,148	269,626	285,582	289,275	297,105	296,401	306,558	327,803	333,418
Mississippi	112,625	113,045	115,541	116,002	118,694	121,168	123,432	132,800	135,580
Missouri	259,029	262,215	275,106	281,512	284,753	290,482	296,463	313,874	321,702
Montana	43,476	44,558	45,784	47,082	48,922	50,877	52,337	57,877	59,578
Nebraska	93,011	96,914	101,382	99,551	102,155	101,837	104,518	109,953	113,636
Nevada	108,795	115,167	125,180	130,456	132,698	143,943	148,906	160,354	171,884
New Hampshire	65,826	67,658	69,663	70,119	70,958	74,066	77,808	80,981	86,042
New Jersey	447,072	460,439	478,605	487,675	495,477	498,849	519,259	541,200	567,509
New Mexico	76,124	79,539	82,002	83,256	81,867	87,512	90,283	97,530	102,712
New York	958,855	989,795	1,024,650	1,046,174	1,092,841	1,107,483	1,133,230	1,182,584	1,207,419
North Carolina	394,675	411,076	433,712	441,340	460,384	474,749	501,343	535,676	548,117
North Dakota	42,367	44,594	43,116	41,744	42,964	43,346	43,298	46,389	47,613
Ohio	507,550	521,061	545,499	549,630	562,914	565,879	576,409	618,686	628,660
Oklahoma	181,077	189,721	184,799	173,959	181,160	187,869	195,244	201,107	206,387
Oregon	154,612	164,332	174,142	182,638	185,312	187,108	194,953	211,001	220,212
Pennsylvania	599,373	619,150	636,541	650,345	647,288	673,436	687,678	727,607	750,119
Rhode Island	47,494	49,590	50,500	50,846	51,014	52,025	54,394	58,170	59,937
South Carolina	180,702	190,225	201,425	206,062	216,054	222,456	235,951	249,793	252,155
South Dakota	42,034	43,294	45,656	45,636	47,069	46,229	48,422	53,347	55,542
Tennessee	271,149	279,173	293,408	296,180	307,072	329,541	338,398	361,140	376,695
Texas	1,188,512	1,256,278	1,277,568	1,267,264	1,346,399	1,402,410	1,443,764	1,484,887	1,556,765
Utah	106,428	112,154	120,717	127,334	129,352	140,263	147,396	162,511	171,487
Vermont	28,647	29,896	30,168	30,537	30,585	30,977	32,615	33,687	35,127
Virginia	382,951	393,883	410,329	420,119	434,725	438,592	462,258	479,242	486,026
Washington	322,943	338,857	358,067	368,815	375,135	392,478	413,716	441,321	454,854
West Virginia	72,005	73,012	73,846	72,981	75,920	77,526	79,811	83,651	82,629
Wisconsin	260,445	266,920	280,214	282,116	287,595	293,687	300,040	321,085	326,703
Wyoming	31,911	33,389	33,514	31,411	32,095	34,887	35,841	37,498	38,264

Continued on next page.

**Table 13.11-- PERSONAL INCOME, TOTAL AND PER CAPITA, IN CONSTANT DOLLARS, FOR THE UNITED STATES AND BY STATE: 2013 TO 2021 -- Con.**

State	2013	2014	2015	2016	2017	2018	2019	2020	2021
Real per capita personal income (chained (2012) dollars) 1/									
United States	44,200	45,571	47,253	47,636	48,607	49,656	51,167	53,772	55,477
Alabama	39,128	39,629	41,471	41,196	42,274	44,102	44,695	47,661	48,984
Alaska	50,832	52,581	53,559	51,547	51,509	52,783	54,361	56,198	54,666
Arizona	37,151	38,470	40,023	40,321	42,048	43,142	44,834	47,551	49,766
Arkansas	40,177	41,949	43,225	43,772	44,864	46,038	46,061	48,168	49,099
California	44,262	46,055	48,498	50,137	50,129	50,864	53,319	56,973	59,449
Colorado	45,474	48,367	49,493	49,298	50,715	54,000	55,293	56,792	59,545
Connecticut	57,990	59,897	61,470	62,026	61,770	64,812	66,384	67,496	70,424
Delaware	44,395	44,750	47,093	47,336	48,341	49,166	50,033	52,657	53,226
Dist. of Col.	59,126	61,348	65,332	67,963	68,665	68,510	70,457	72,798	75,216
Florida	40,258	41,919	43,693	44,045	45,928	47,453	49,813	51,344	53,258
Georgia	39,176	40,808	42,845	43,355	44,623	45,753	47,441	49,696	50,524
<b>Hawaii</b>	<b>38,854</b>	<b>40,455</b>	<b>41,649</b>	<b>42,718</b>	<b>43,744</b>	<b>43,549</b>	<b>44,666</b>	<b>45,839</b>	<b>46,694</b>
Idaho	38,172	38,933	40,514	41,565	41,465	43,618	45,269	49,109	49,501
Illinois	46,191	47,943	50,400	50,167	50,428	52,025	53,512	55,766	57,522
Indiana	42,051	42,894	44,937	45,568	46,794	46,834	47,875	51,286	52,851
Iowa	46,822	47,245	49,839	49,338	50,002	49,558	50,072	53,305	55,364
Kansas	48,711	48,651	49,227	49,164	50,212	50,721	51,956	54,766	56,075
Kentucky	38,908	40,141	41,940	42,231	42,853	43,633	44,673	48,175	49,900
Louisiana	43,393	44,452	44,558	43,518	45,095	46,967	47,640	50,413	51,528
Maine	41,220	43,681	44,310	45,388	45,047	45,633	48,748	50,726	52,193
Maryland	47,724	48,498	50,347	51,896	52,333	52,690	54,016	55,709	57,017
Massachusetts	54,483	55,020	57,983	57,582	58,739	59,922	62,159	64,839	68,104
Michigan	41,116	41,980	44,969	45,777	46,664	46,528	47,012	50,960	51,996
Minnesota	48,274	49,262	51,832	52,063	53,003	52,459	53,908	57,437	58,419
Mississippi	37,710	37,838	38,708	38,871	39,785	40,734	41,574	44,912	45,960
Missouri	42,857	43,267	45,270	46,200	46,576	47,398	48,257	50,999	52,155
Montana	42,794	43,471	44,261	45,026	46,241	47,703	48,664	53,284	53,952

Continued on next page.

**Table 13.11-- PERSONAL INCOME, TOTAL AND PER CAPITA, IN CONSTANT DOLLARS, FOR THE UNITED STATES AND BY STATE: 2013 TO 2021 -- Con.**

State	2013	2014	2015	2016	2017	2018	2019	2020	2021
Nebraska	49,649	51,280	53,234	51,813	52,811	52,348	53,464	56,057	57,869
Nevada	39,276	40,988	43,815	44,898	44,897	47,796	48,520	51,493	54,671
New Hampshire	49,454	50,521	51,846	51,900	52,214	54,265	56,718	58,774	61,946
New Jersey	49,759	50,968	52,730	53,474	54,004	54,112	56,083	58,321	61,239
New Mexico	36,310	37,966	39,123	39,653	38,965	41,611	42,785	46,058	48,544
New York	48,203	49,485	51,006	51,917	54,127	54,764	56,039	58,675	60,870
North Carolina	40,259	41,606	43,519	43,801	45,245	46,201	48,343	51,226	51,948
North Dakota	58,246	59,907	56,531	54,593	56,040	56,190	55,759	59,552	61,441
Ohio	43,710	44,732	46,727	46,969	47,958	48,107	48,896	52,473	53,367
Oklahoma	47,056	49,003	47,372	44,413	46,209	47,822	49,507	50,759	51,770
Oregon	39,401	41,442	43,335	44,620	44,684	44,726	46,241	49,746	51,862
Pennsylvania	46,656	48,069	49,349	50,343	50,002	51,879	52,933	56,014	57,861
Rhode Island	44,463	46,215	46,874	46,982	47,021	47,653	49,696	53,064	54,707
South Carolina	38,120	39,694	41,508	41,961	43,509	44,305	46,469	48,686	48,578
South Dakota	49,969	51,076	53,578	53,025	54,092	52,815	54,869	60,137	62,032
Tennessee	41,666	42,565	44,369	44,389	45,563	48,415	49,312	52,187	54,005
Texas	44,954	46,688	46,628	45,536	47,758	49,189	50,030	50,822	52,722
Utah	36,597	38,010	40,251	41,571	41,382	44,096	45,595	49,521	51,375
Vermont	45,269	47,167	47,443	47,988	47,860	48,351	50,815	52,432	54,412
Virginia	46,308	47,265	48,908	49,750	51,129	51,315	53,768	55,519	56,238
Washington	46,306	47,942	49,867	50,413	50,375	51,994	54,161	57,175	58,777
West Virginia	38,782	39,402	39,996	39,750	41,651	42,818	44,329	46,738	46,344
Wisconsin	45,238	46,193	48,362	48,537	49,276	50,128	51,026	54,492	55,412
Wyoming	54,931	57,474	57,422	53,973	55,697	60,694	62,295	64,958	66,108

1/ Real personal income for states is personal income divided by the Regional Price Parity (RPP) and the national Personal Consumption Expenditure (PCE) price index. The result is a chained dollar (using 2012 as base year) estimate of real personal income. Real per capita personal income is total real personal income divided by total midyear population based on the 2010 Census. BEA will incorporate midyear population estimates based on the 2020 census results when they become available.

Source: U.S. Bureau of Economic Analysis, Real Personal Income and Real Personal Consumption Expenditures (PCE) by State (December 15, 2022) <<https://apps.bea.gov/itable/?ReqID=70&step=1>> accessed December 15, 2022. See also "Real Personal Consumption Expenditures and Personal Income by State, 2021" (December 15, 2022) <<https://www.bea.gov/sites/default/files/2022-12/rpp1222.pdf>> accessed December 15, 2022.

**Table 13.12-- PERSONAL INCOME, TOTAL AND PER CAPITA, AND POPULATION BY COUNTY: 1998 TO 2021**

Year	State total	Honolulu	Hawaii	Kauai	Maui 1/
Total (\$1,000)					
1998	32,514,628	25,421,927	2,916,774	1,309,267	2,866,660
1999	33,608,141	26,099,952	3,060,181	1,362,096	3,085,912
2000	35,579,023	27,515,821	3,303,662	1,461,302	3,298,238
2001	37,058,606	28,541,660	3,481,263	1,525,975	3,509,708
2002	38,747,097	29,765,716	3,691,133	1,583,392	3,706,856
2003	40,621,407	31,070,400	3,912,723	1,689,550	3,948,734
2004	43,654,661	33,151,860	4,338,376	1,867,778	4,296,647
2005	47,022,853	35,540,543	4,813,559	2,006,057	4,662,694
2006	50,399,032	38,035,708	5,198,773	2,141,585	5,022,966
2007	53,272,076	40,054,918	5,567,223	2,295,185	5,354,750
2008	55,911,098	41,991,801	5,912,161	2,403,273	5,603,863
2009	55,325,988	42,110,349	5,623,017	2,307,004	5,285,618
2010	56,751,099	43,057,340	5,825,856	2,361,601	5,506,302
2011	59,288,116	45,039,612	6,026,177	2,447,357	5,774,970
2012	61,557,042	46,559,802	6,237,995	2,549,930	6,209,315
2013	62,521,242	47,265,815	6,335,657	2,664,488	6,255,282
2014	66,036,681	2/ 49,771,299	2/ 6,765,712	2/ 2,846,364	2/ 6,653,306
2015	69,109,054	2/ 51,812,228	2/ 7,259,506	2/ 3,006,209	2/ 7,031,111
2016	71,571,666	2/ 53,542,985	2/ 7,556,314	2/ 3,135,037	2/ 7,337,330
2017 2/	74,542,815	55,508,669	8,015,055	3,306,715	7,712,376
2018 2/	76,168,302	56,408,435	8,265,485	3,497,176	7,997,206
2019 2/	79,699,710	58,640,919	8,713,255	3,721,267	8,624,269
2020 2/	83,109,524	60,909,073	9,448,614	3,924,186	8,827,651
2021	87,857,663	63,968,618	10,152,965	4,120,992	9,615,088
Per capita (dollars) 3/					
1998	26,756	28,664	20,001	22,635	22,998
1999	27,768	29,696	20,822	23,378	24,460
2000	29,319	31,388	22,136	24,951	25,552
2001	30,229	32,332	22,950	25,831	26,503
2002	31,257	33,427	23,879	26,398	27,543
2003	32,467	34,742	24,695	27,786	28,698
2004	34,277	36,511	26,640	30,079	30,554
2005	36,375	38,708	28,612	31,912	32,504
2006	38,480	41,033	29,958	33,744	34,457
2007	40,490	43,287	31,324	35,590	36,152

Continued on next page.

**Table 13.12-- PERSONAL INCOME, TOTAL AND PER CAPITA, AND POPULATION BY COUNTY: 1998 TO 2021 -- Con.**

Year	State total	Honolulu	Hawaii	Kauai	Maui 1/
Per capita (dollars) 3/ (con.)					
2008	41,969	44,975	32,573	36,634	37,008
2009	41,082	44,647	30,622	34,682	34,458
2010 2/	41,574	44,969	31,440	35,123	35,515
2011 2/	42,809	46,270	32,259	35,966	36,858
2012 2/	43,812	47,075	33,065	36,977	39,215
2013 2/	43,931	47,161	33,217	38,030	39,058
2014 2/	46,044	49,343	35,095	40,168	41,098
2015 2/	47,777	50,923	37,261	41,908	43,282
2016 2/	49,122	52,296	38,348	43,305	44,813
2017 2/	51,114	54,279	40,354	45,421	46,943
2018 2/	52,164	55,214	41,278	47,643	48,496
2019 2/	54,700	57,560	43,585	50,670	52,301
2020 2/	57,241	60,114	47,068	53,608	53,586
2021	60,947	63,912	50,038	56,103	58,520
Population 4/					
1998	1,215,233	886,909	145,833	57,843	124,648
1999	1,210,300	878,906	146,970	58,264	126,160
2000	1,213,519	876,629	149,244	58,568	129,078
2001	1,225,948	882,755	151,690	59,075	132,428
2002	1,239,613	890,473	154,576	59,981	134,583
2003	1,251,154	894,311	158,442	60,805	137,596
2004	1,273,569	907,997	162,852	62,095	140,625
2005	1,292,729	918,181	168,237	62,863	143,448
2006	1,309,731	926,954	173,536	63,465	145,776
2007	1,315,675	925,335	177,733	64,490	148,117
2008	1,332,213	933,680	181,506	65,603	151,424
2009	1,346,717	943,177	183,629	66,518	153,393
2010 2/	1,365,064	957,482	185,303	67,238	155,041
2011 2/	1,384,943	973,408	186,807	68,047	156,681
2012 2/	1,405,024	989,064	188,661	68,959	158,340
2013 2/	1,423,171	1,002,219	190,737	70,062	160,153
2014 2/	1,434,212	1,008,682	192,782	70,861	161,887
2015 2/	1,446,479	1,017,472	194,827	71,733	162,447
2016 2/	1,457,008	1,023,837	197,045	72,395	163,731
2017 2/	1,458,361	1,022,650	198,619	72,801	164,291
2018 2/	1,460,183	1,021,634	200,241	73,404	164,904
2019 2/	1,457,034	1,018,784	199,912	73,441	164,897
2020 2/	1,451,911	1,013,227	200,746	73,201	164,737
2021	1,441,553	1,000,890	202,906	73,454	164,303

Continued on next page.

**Table 13.12-- PERSONAL INCOME, TOTAL AND PER CAPITA, AND POPULATION BY COUNTY: 1998 TO 2021 -- Con.**

1/ Includes Kalawao County.

2/ Revised from previous *Data Book*.

3/ Per capita personal income was computed using Census Bureau midyear population estimates.

4/ Census Bureau midyear population estimates. Estimates for 2010-2020 reflect county population estimates available as of March 2021. These estimates are based on the 2010 census. BEA will incorporate Census Bureau midyear population estimates based on the 2020 census results when they become available.

Source: U.S. Bureau of Economic Analysis, Interactive Data Local Area Personal Income and Employment, "CAINC1 Personal Income Summary: Personal Income, Population, Per Capita Personal Income"

<<http://www.bea.gov/iTable/iTable.cfm?reqid=70&step=1&isuri=1&acrdrn=7#reqid=70&step=1&isuri=1>>

accessed November 16, 2022. See also "Personal Income by County and Metropolitan Area, 2021" (November 16, 2022) <<https://www.bea.gov/sites/default/files/2022-11/lapi1122.pdf>> accessed November 16, 2022.

**Table 13.13-- PERFORMANCE RANKINGS FOR METROPOLITAN STATISTICAL AREAS: 2022 AND 2023**

Category and year	Period	Rank 1/			
		Large cities		Small cities	
		Urban Honolulu	Provo, Utah	Kahului, Maui	Logan, Utah-Idaho
2022					
Overall	2022	191	1	188	1
Job growth (5-year)	2015 to 2020	200	1	201	8
Job growth (1-year)	2019 to 2020	200	2	201	5
Wage growth (5-year)	2015 to 2020	189	1	160	5
Wage growth (1-year)	2019 to 2020	199	9	199	2
Short-term job growth	Nov.: 2020 to 2021	2	32	1	21
High tech GDP growth (5-year)	2015 to 2020	142	8	60	29
High tech GDP growth (1-year)	2019 to 2020	152	25	176	32
High-tech GDP concentration 2/	2020	162	13	171	16
Number of high-tech GDP industries	2020	134	18	125	2
Households with broadband access	2020	187	44	185	15
Housing Affordability Index	2020	195	162	200	178
2023					
Overall	2023	152	1	101	1
Job growth (5-year)	2016 to 2021	200	1	197	3
Job growth (1-year)	2020 to 2021	114	2	1	9
Wage growth (5-year)	2016 to 2021	194	1	199	7
Wage growth (1-year)	2020 to 2021	112	9	45	27
Short-term job growth	Nov.: 2021 to 2022	43	34	7	58
High tech GDP growth (5-year)	2016 to 2021	103	12	16	31
High tech GDP growth (1-year)	2020 to 2021	21	48	3	77
High-tech GDP concentration 2/	2021	155	14	164	8
Number of high-tech GDP industries	2021	106	16	118	34
Households with broadband access	2021	51	18	153	10
Housing Affordability Index (4-year)	2017 to 2021	191	71	201	60
Housing Affordability Index (1-year)	2021	193	46	200	24

1/ Rank of 1 indicates most favorable.

2/ Measures the number of highly concentrated high-tech industries or those with a location quotient (LQ) compared to the U.S. average of 1.0.

Source: Milken Institute, *Best-Performing Cities 2022: Charting Economic Resilience and Opportunity* (March 28, 2022) <<https://milkeninstitute.org/reports/best-performing-cities-2022>> accessed May 11, 2022; and *Best-Performing Cities 2023: Thriving in a Changing Economic Landscape* (May 15, 2023) <<https://milkeninstitute.org/reports/best-performing-cities-2023>> accessed May 17, 2023.

**Table 13.14-- THE NEW ECONOMY INDEX, RANK AND SCORE FOR THE 50 STATES: 2008 TO 2020**

[The changing economic landscape known as the New Economy requires state economies to be innovative, globally-linked, entrepreneurial and dynamic, with an educated workforce and all sectors embracing the use of information technology. The State New Economy Index uses between 25-29 indicators to measure the extent to which they do. Changes in methodology may limit strict comparability over the period, and changes in ranks cannot be positively attributed to changes in the economic conditions or structure of a state economy]

State	Rank 1/						Score					
	2008	2010	2012	2014	2017	2020	2008	2010	2012	2014	2017	2020
Alabama	47	47	46	41	44	42	37.4	43.5	45.7	50.4	48.2	47.8
Alaska	32	31	28	32	42	43	50.8	52.1	58.7	56.8	49.4	46.9
Arizona	20	20	16	17	21	20	60.0	61.0	66.7	67.1	66.5	62.0
Arkansas	48	48	48	47	49	49	35.3	40.0	41.7	44.2	42.8	39.8
California	8	7	4	3	2	2	75.0	74.3	79.1	83.7	84.7	82.2
Colorado	10	9	7	6	7	8	70.4	72.8	76.8	81.4	78.3	72.4
Connecticut	6	5	9	8	10	9	76.1	76.6	76.0	77.6	76.4	71.5
Delaware	4	6	2	2	5	12	79.3	75.0	82.1	85.1	80.4	68.5
Florida	23	21	21	25	24	22	58.3	60.6	61.4	61.6	62.7	58.7
Georgia	21	19	18	21	18	16	60.0	62.6	64.8	64.3	66.8	64.4
<b>Hawaii</b>	<b>35</b>	<b>40</b>	<b>36</b>	<b>43</b>	<b>40</b>	<b>46</b>	<b>47.5</b>	<b>48.7</b>	<b>53.5</b>	<b>48.4</b>	<b>50.1</b>	<b>45.2</b>
Idaho	26	27	24	24	29	32	55.6	54.2	60.5	62.3	58.5	54.4
Illinois	16	15	20	16	16	13	62.6	65.1	64.3	67.1	69.2	68.1
Indiana	36	35	42	38	33	29	47.4	49.7	49.4	54.6	55.9	54.9
Iowa	42	38	38	37	37	35	44.5	49.5	52.9	54.8	54.8	52.3
Kansas	31	26	29	31	30	28	52.9	54.5	57.7	57.3	57.5	55.8
Kentucky	45	44	45	44	39	39	41.3	46.0	45.7	48.4	50.5	49.0
Louisiana	41	43	44	46	46	40	44.7	46.0	46.1	47.0	47.6	47.8
Maine	28	28	27	28	36	37	53.9	54.0	58.9	58.3	55.2	50.0
Maryland	3	3	5	5	6	4	80.0	76.9	79.1	81.5	78.9	75.8
Massachusetts	1	1	1	1	1	1	97.0	92.6	92.4	94.7	96.6	90.0
Michigan	17	17	19	18	15	17	62.2	63.4	64.5	67.0	70.6	63.5
Minnesota	14	13	13	13	12	11	66.0	67.5	69.7	71.7	72.6	69.4
Mississippi	50	50	50	50	50	50	29.9	35.3	37.4	38.0	37.9	37.1
Missouri	37	33	33	33	28	25	46.9	50.8	54.9	56.8	59.0	58.0
Montana	40	37	37	39	43	44	46.0	49.7	53.1	54.4	49.1	45.7

Continued on next page.

**Table 13.14-- THE NEW ECONOMY INDEX, RANK AND SCORE FOR THE 50 STATES: 2008 TO 2020 -- Con.**

State	Rank 1/						Score					
	2008	2010	2012	2014	2017	2020	2008	2010	2012	2014	2017	2020
Nebraska	27	34	35	35	27	31	55.4	50.5	53.7	56.0	59.9	54.7
Nevada	25	30	26	27	31	25	56.7	52.5	59.0	58.7	57.4	57.0
New Hampshire	13	11	12	11	13	18	67.7	70.6	71.9	74.6	71.4	62.9
New Jersey	5	4	10	10	8	10	77.0	76.9	75.6	75.4	77.6	69.7
New Mexico	29	32	30	26	34	36	53.2	51.7	56.8	58.7	55.8	50.4
New York	9	10	11	12	11	7	74.4	71.3	72.5	73.0	74.5	72.8
North Carolina	24	24	25	23	22	19	57.4	57.1	60.2	63.1	65.6	62.1
North Dakota	39	36	34	36	38	38	46.5	49.7	54.1	55.8	51.8	49.4
Ohio	30	25	32	29	25	27	53.0	55.2	55.5	58.3	61.3	55.9
Oklahoma	43	42	47	48	45	48	43.2	47.2	45.5	44.1	47.9	44.0
Oregon	15	14	14	15	13	15	63.8	67.0	69.3	69.3	71.4	67.5
Pennsylvania	22	22	22	22	23	21	59.2	60.2	60.6	63.2	64.4	61.6
Rhode Island	11	16	23	19	20	23	67.7	63.6	60.5	66.8	66.7	58.2
South Carolina	34	39	40	34	35	34	48.7	49.3	49.8	56.6	55.3	53.2
South Dakota	44	45	43	42	41	41	42.9	45.1	48.0	49.0	49.5	47.8
Tennessee	38	41	39	40	32	30	46.7	48.5	52.2	51.3	56.9	54.8
Texas	18	18	17	20	17	14	62.1	63.0	65.7	65.2	67.5	67.9
Utah	12	12	8	9	9	3	67.7	69.1	76.4	77.0	77.3	77.7
Vermont	19	23	15	14	18	24	60.5	59.5	67.2	69.5	66.8	58.0
Virginia	7	8	6	7	4	6	75.6	73.7	77.9	80.9	81.7	74.9
Washington	2	2	3	4	3	5	81.9	77.5	79.5	82.5	84.5	75.2
West Virginia	49	49	49	49	48	47	31.9	38.1	37.9	39.8	44.1	44.7
Wisconsin	33	29	31	30	26	33	50.6	53.1	55.8	57.8	60.4	53.8
Wyoming	46	46	41	45	47	45	40.1	45.0	49.5	48.1	47.1	45.4

1/ Rank of 1 indicates most favorable.

Source: The Information Technology & Innovation Foundation <<http://www.itif.org/>> *The State New Economy Index: 2008*; <[http://www.itif.org/files/2008\\_State\\_New\\_Economy\\_Index.pdf](http://www.itif.org/files/2008_State_New_Economy_Index.pdf)>; Ibid. 2010 <<http://www.itif.org/files/2010-state-new-economy-index.pdf>> and Ibid. 2012 <<http://www2.itif.org/2012-state-new-economy-index.pdf>> accessed January 11, 2013; and Ibid 2014 <<http://www.itif.org/publications/2014-state-new-economy-index>> accessed June 19, 2014; Ibid. 2017 <<https://itif.org/publications/2017/11/06/2017-state-new-economy-index>> accessed January 17, 2018; and Ibid. 2020 <<https://itif.org/publications/2020/10/19/2020-state-new-economy-index>> accessed on April 22, 2022.

**Table 13.15-- THE NEW ECONOMY INDEX, RANK: 2012, 2014, 2017, AND 2020**

[The changing economic landscape known as the New Economy requires state economies to be innovative, globally-linked, entrepreneurial and dynamic, with an educated workforce and all sectors embracing the use of information technology. The State New Economy Index uses 25-26 indicators to measure the extent to which they do. Rank of 1 indicates most favorable. Changes in methodology may limit strict comparability over the period and changes in ranks cannot be positively attributed to changes in the economic conditions or the structure of a state economy]

Category	2012	2014	2017	2020
Overall	36	43	40	46
Knowledge jobs	34	(NA)	(NA)	(NA)
Information technology jobs	44	44	47	46
Managerial, professional, and technical jobs	33	31	41	45
Workforce education	14	15	16	17
Immigration of knowledge workers	28	23	25	15
Internal migration of U.S. knowledge workers	5	10	17	32
Manufacturing value added	46	50	50	28
High-wage traded services	39	42	39	39
Globalization	30	(NA)	(NA)	(NA)
Export focus of manufacturing and services	40	50	41	50
Foreign direct investment	19	23	6	12
High-tech exports	(NA)	(NA)	49	49
Economic dynamism	48	(NA)	(NA)	(NA)
Job churning (Business churning in 2017)	33	31	33	29
Fast-growing firms	43	32	44	48
Initial public offerings	32	36	14	19
Entrepreneurial activity	46	26	(NA)	(NA)
Inventor patents	39	40	36	43
Digital economy	32	(NA)	(NA)	(NA)
Online population	34	(NA)	(NA)	(NA)
E-government	25	24	21	14
Online agriculture	26	26	28	31
Broadband telecommunications	26	40	36	30
Health IT	27	49	50	50
Innovation capacity	23	(NA)	(NA)	(NA)
High-tech jobs	40	41	48	44
Scientists and engineers	39	41	46	43
Patents	3	34	15	48
Industry investment in R&D	27	34	25	49
Non-Industry investment in R&D	17	19	14	28
Movement toward a green economy	16	37	3	41
Venture capital	45	47	43	40

NA Not available.

Source: The Information Technology & Innovation Foundation, *The State New Economy Index 2012*

"Indicator Scores by State" <<http://www.itif.org/files/2012-state-new-economy-index.pdf>> accessed January 11, 2013; Ibid 2014 <<http://www2.itif.org/2014-state-new-economy-index.pdf>> accessed June 19, 2014; Ibid. 2017 <<http://www2.itif.org/2017-state-new-economy-index.pdf>> accessed January 17, 2018; and Ibid. 2020 <<http://www2.itif.org/2020-state-new-economy-index.pdf>> accessed on April 22, 2022.

**Table 13.16-- ECONOMIC ESTIMATES AND PROJECTIONS FOR THE STATE AND BY COUNTY: 2016 TO 2045**

[In millions of 2012 dollars. See Section 1 for population and Section 12 for jobs projections from the same source]

<b>Year 1/</b>	<b>Total personal income</b>	<b>Labor income</b>	<b>Dividends, interest and rent</b>	<b>Transfer income</b>	<b>Contrib. for gov't insurance</b>
State total					
2016	67,659	48,186	14,342	10,637	5,506
2020	73,430	51,920	15,690	11,800	5,970
2025	81,430	57,100	17,410	13,540	6,620
2030	89,960	62,340	19,230	15,630	7,240
2035	98,940	67,590	21,100	18,100	7,850
2040	108,450	72,880	23,040	20,980	8,440
2045	118,680	78,260	25,130	24,330	9,040
Hawaii					
2016	7,165	4,222	1,684	1,737	491
2020	7,970	4,640	1,900	1,970	540
2025	9,120	5,200	2,180	2,340	600
2030	10,410	5,810	2,480	2,790	660
2035	11,820	6,450	2,800	3,300	730
2040	13,340	7,140	3,150	3,860	800
2045	15,010	7,890	3,540	4,460	880
Honolulu					
2016	50,620	37,211	10,491	7,182	4,242
2020	54,550	39,850	11,390	7,880	4,570
2025	59,970	43,550	12,540	8,920	5,040
2030	65,610	47,200	13,730	10,160	5,480
2035	71,430	50,740	14,920	11,650	5,880
2040	77,480	54,210	16,120	13,410	6,260
2045	83,860	57,590	17,400	15,490	6,630

Continued on next page.

**Table 13.16-- ECONOMIC ESTIMATES AND PROJECTIONS FOR THE STATE AND BY COUNTY: 2016 TO 2045 -- Con.**

Year 1/	Total personal income	Labor income	Dividends, interest and rent	Transfer income	Contrib. for gov't insurance
Kauai					
2016	2,952	1,919	667	589	224
2020	3,250	2,100	740	660	250
2025	3,660	2,330	840	770	280
2030	4,100	2,580	940	900	310
2035	4,600	2,830	1,060	1,050	350
2040	5,140	3,110	1,180	1,230	380
2045	5,770	3,410	1,320	1,460	420
Maui					
2016	6,921	4,834	1,499	1,129	549
2020	7,650	5,330	1,660	1,280	610
2025	8,680	6,010	1,860	1,500	700
2030	9,830	6,760	2,090	1,780	790
2035	11,100	7,560	2,330	2,100	890
2040	12,490	8,420	2,590	2,480	1,000
2045	14,050	9,370	2,880	2,920	1,110

1/ Figures for 2016 are from the U.S. Bureau of Economic Analysis (BEA) and projection values for 2020 to 2045 were rounded to the nearest ten millions.

Source: Hawaii State Department of Business, Economic Development & Tourism, *Population and Economic Projections for the State of Hawaii to 2045* (June 2018), Appendix Table A-54 <<http://dbedt.hawaii.gov/economic/economic-forecast/2045-long-range-forecast/>> accessed June 28, 2018.

**Table 13.17-- MEDIAN INCOME OF HOUSEHOLDS, FAMILIES, UNRELATED INDIVIDUALS AND PERSONS, BY SEX: 1949 TO 2021**

[In dollars. Based on censuses made in April of following year for 1949 to 1999 and American Community Survey beginning with 2009. The U.S. Census Bureau did not release its standard 1-year estimates from the 2020 American Community Survey (ACS) because of the impacts of the COVID-19 pandemic on data collection. The Census Bureau released selected experimental estimates developed from 2020 ACS 1-year that are not reflected in *Data Book 2021*. For more information on the experimental data, please see <<https://www.census.gov/newsroom/press-releases/2021/experimental-2020-ac-s-1-year-data.html>>]

Year	Households	Families	Unrelated individuals with income 1/	Persons with income 2/	
				Male	Female
1949	(NA)	3,568	1,583	2,340	1,247
1959	(NA)	6,366	1,998	3,753	1,796
1969	10,675	11,664	2,981	6,528	3,222
1979	20,473	22,750	7,097	11,505	6,581
1989	38,829	43,176	(NA)	21,095	12,976
1999	49,820	56,961	(NA)	3/ 36,808	3/ 29,831
2009	64,098	75,066	37,834	45,911	35,977
2010	63,030	76,134	38,060	45,443	36,242
2011	61,821	74,234	38,510	45,494	37,242
2012	66,259	77,447	40,883	45,748	38,040
2013	68,020	80,316	40,189	48,440	40,370
2014	69,592	79,187	41,669	46,786	40,162
2015	73,486	83,823	42,331	48,074	40,434
2016	74,511	86,768	42,111	49,373	41,224
2017	77,765	91,460	41,972	51,594	41,664
2018	80,212	95,448	43,432	51,413	42,584
2019	83,102	96,462	51,343	52,033	46,524
2021	84,857	100,890	49,452	61,812	49,816

Continued on next page.

**Table 13.17-- MEDIAN INCOME OF HOUSEHOLDS, FAMILIES, UNRELATED INDIVIDUALS AND PERSONS, BY SEX: 1949 TO 2021 -- Con.**

NA Not available.

1/ 14 years old and over through 1969, and 15 years old and over thereafter. Beginning with 2009, refers to median nonfamily income.

2/ 14 years old and over through 1969, and 15 years old and over thereafter. Beginning with 2009, refers to median earnings for male or female full-time, year-round workers.

3/ Data based on a sample. For information on confidentiality protection, sampling error, nonsampling error, and definitions see <<https://www.census.gov/acs/www/data/data-tables-and-tools/>>.

Source: U.S. Bureau of the Census, *Census of Population: 1960*, PC(1)-13C (1962), tables 66 and 67 (for 1949 data); *1970 Census of Population*, PC(1)-C13 (December 1971), table 47 (for 1959 data); *1980 Census of Population*, PC80-1-C-13 (June 1983), table 61 (for 1969 and 1979 data); *1990 Census of Population and Housing*, 1990 CP-2-13 (September 1993), table 28 (for 1989 data); U.S. Census Bureau, Census 2000, Table DP-3 Profile of Selected Economic Characteristics: 2000 (for 1999 data) <<http://www.hawaii.gov/dbedt/census2k/profile-state/index.html>> accessed July 23, 2002; U.S. Census Bureau, Census 2000 Summary File 4 (SF 4) - Sample Data, PCT133. Median Income in 1999 dollars, by sex, by work experience in 1999 for the Population 15 years and over with income; and American Community Survey 1-Year Estimates Data Profile Hawaii "DP03 Selected Economic Characteristics" (annual) <<https://data.census.gov/cedsci/>> accessed January 10, 2023.

**Table 13.18-- MEDIAN INCOME OF FOUR-PERSON FAMILIES IN HAWAII AND THE UNITED STATES: 2005 TO 2021**

[Based on small samples and subject to considerable sampling variation. From surveys taken in March or April of following year. The methodology used to compute 4-person family median income by state uses the most recent data available from the March Current Population Survey (CPS), the American Community Survey and the decennial census of population conducted by the Census Bureau, as well as per capita personal income estimates produced by the Bureau of Economic Analysis. The Census Bureau recommends 2-year averages to evaluate changes in state estimates over time, and 3-year averages to compare the relative ranking of states. The U.S. Census Bureau did not release its standard 1-year estimates from the 2020 American Community Survey (ACS) because of the impacts of the COVID-19 pandemic on data collection. The Census Bureau released selected experimental estimates developed from 2020 ACS 1-year that are not reflected in *Data Book 2021*. For more information on the experimental data, please see <<https://www.census.gov/newsroom/press-releases/2021/experimental-2020-acs-1-year-data.html>>]

Calendar year 1/	Hawaii (dollars)	United States (dollars)	Hawaii rank 2/	Hawaii as percent of U.S.
2005	79,240	67,019	6	118.2
2006	84,472	70,354	6	120.1
2007	84,438	72,336	6	116.7
2008	91,483	75,782	6	120.7
2009	85,190	73,714	8	115.6
2010	82,726	72,767	11	113.7
2011	82,973	74,563	13	111.3
2012	83,538	76,049	15	109.8
2013	88,217	77,953	11	113.2
2014	91,096	80,545	10	113.1
2015	96,837	82,508	9	117.4
2016	97,849	86,877	12	112.6
2017	102,125	90,748	12	112.5
2018	112,345	94,593	7	118.8
2019	118,223	99,048	8	119.4
2021	116,313	105,901	14	109.8

1/ The term "calendar year" refers to the year the money income was received by the Current Population Survey respondents. Previous *Data Book's* tables included "fiscal year" (or, for this program, calendar year plus 3) which referred to the time period used for eligibility for the Department of Health and Human Services' Low Income Home Energy Assistance Program (LIHEAP). Estimates are as published in the *Federal Register*.

2/ Rank computed among the 50 states and the District of Columbia. Rank of 1 indicates the highest median income.

Source: U.S. Census Bureau, "American Community Survey 1-Year Estimates, Table B19119. Median Family Income In The Past 12 Months (In Inflation-Adjusted Dollars) By Family Size" (annual) <<https://data.census.gov>> accessed January 10, 2023 and calculations by the Hawaii State Department of Business, Economic Development & Tourism.

**Table 13.19 -- MEDIAN MONEY INCOME OF HOUSEHOLDS, FOR HAWAII AND THE UNITED STATES, IN CURRENT AND CONSTANT 2021 DOLLARS: 1984 TO 2021**

[Based on small samples and subject to considerable sampling variation. From surveys conducted in March or April of following year. Median income in current and 2021 CPI-U-RS adjusted dollars. The CPI-U-RS is a price index of inflation that incorporates most of the improvements in methodology made to the current CPI-U since 1978 into a single, uniform series. The Census Bureau recommends using the ACS one-year estimates to examine the most recent state trends, and the CPS for examining historical trends (more than a few years) by state]

Year	Median income in current dollars					
	Hawaii			United States		
	Amount (dollars)	Percent change	Standard error	Amount (dollars)	Percent change	Standard error
1984	28,877	(NA)	1,216	22,415	(NA)	102
1985	28,961	0.3	1,446	23,618	5.4	128
1986	29,003	0.1	1,206	24,897	5.4	129
1987	35,022	20.8	1,074	26,061	4.7	127
1988	33,024	-5.7	1,482	27,225	4.5	139
1989	35,035	6.1	1,328	28,906	6.2	159
1990	38,921	11.1	1,414	29,943	3.6	153
1991	37,246	-4.3	1,630	30,126	0.6	144
1992	42,113	13.1	1,435	30,636	1.7	145
1993	42,662	1.3	1,759	31,241	2.0	146
1994	42,255	-1.0	2,423	32,264	3.3	147
1995	42,851	1.4	1,292	34,076	5.6	197
1996	41,772	-2.5	1,893	35,492	4.2	179
1997	40,934	-2.0	1,399	37,005	4.3	171
1998	40,827	-0.3	2,369	38,885	5.1	230
1999	44,504	9.0	1,832	40,696	4.7	190
2000	51,546	15.8	1,193	41,990	3.2	132
2001	47,439	-8.0	1,256	42,228	0.6	129
2002	47,303	-0.3	1,371	42,409	0.4	139
2003	51,834	9.6	1,332	43,318	2.1	188
2004	56,242	8.5	1,690	44,334	2.3	196
2005	59,586	5.9	1,212	46,326	4.5	155
2006	60,470	1.5	1,571	48,201	4.0	207
2007	64,022	5.9	2,125	50,233	4.2	140
2008	61,521	-3.9	1,481	50,303	0.1	137
2009	55,649	-9.5	2,023	49,777	-1.0	213
2010	59,539	7.0	2,731	49,276	-1.0	325
2011	59,047	-0.8	2,531	50,054	1.6	251

Continued on next page.

**Table 13.19 -- MEDIAN MONEY INCOME OF HOUSEHOLDS, FOR HAWAII AND THE UNITED STATES, IN CURRENT AND CONSTANT 2021 DOLLARS: 1984 TO 2021 -- Con.**

Year	Median income in current dollars -- Con.					
	Hawaii			United States		
	Amount (dollars)	Percent change	Standard error	Amount (dollars)	Percent change	Standard error
2012	56,263	-4.7	2,255	51,017	1.9	209
2013 1/	64,235	14.2	3,918	53,585	5.0	654
2014	71,223	10.9	2,676	53,657	0.1	392
2015	64,514	-9.4	2,840	56,516	5.3	321
2016	72,133	11.8	2,510	59,039	4.5	436
2017 2/	73,599	2.0	2,352	61,136	3.6	322
2018	80,108	8.8	3,482	63,179	3.3	420
2019	88,006	9.9	3,565	68,703	8.7	550
2020	80,825	-8.2	2,427	68,010	-1.0	535
2021	82,199	1.7	3,790	70,784	4.1	368
Median income in constant (2021) dollars						
1984	71,922	(NA)	3,029	55,828	(NA)	254
1985	69,737	-3.0	3,482	56,871	1.9	308
1986	68,637	-1.6	2,854	58,920	3.6	305
1987	80,125	16.7	2,457	59,624	1.2	291
1988	72,920	-9.0	3,272	60,115	0.8	307
1989	74,120	1.6	2,810	61,153	1.7	336
1990	78,471	5.9	2,851	60,370	-1.3	308
1991	72,458	-7.7	3,171	58,607	-2.9	280
1992	79,939	10.3	2,724	58,153	-0.8	275
1993	78,989	-1.2	3,257	57,843	-0.5	270
1994	76,635	-3.0	4,394	58,515	1.2	267
1995	75,888	-1.0	2,288	60,348	3.1	349
1996	72,058	-5.0	3,265	61,225	1.5	309
1997	69,118	-4.1	2,362	62,484	2.1	289
1998	68,017	-1.6	3,947	64,781	3.7	383
1999	72,596	6.7	2,988	66,385	2.5	310
2000	81,324	12.0	1,882	66,248	-0.2	208
2001	72,773	-10.5	1,927	64,779	-2.2	198
2002	71,438	-1.8	2,071	64,047	-1.1	210
2003	76,542	7.1	1,967	63,967	-0.1	278
2004	80,867	5.7	2,430	63,745	-0.3	282

Continued on next page.

**Table 13.19 -- MEDIAN MONEY INCOME OF HOUSEHOLDS, FOR HAWAII AND THE UNITED STATES, IN CURRENT AND CONSTANT 2021 DOLLARS: 1984 TO 2021 -- Con.**

Year	Median income in constant (2021) dollars -- Con.					
	Hawaii			United States		
	Amount (dollars)	Percent change	Standard error	Amount (dollars)	Percent change	Standard error
2005	82,868	2.5	1,686	64,427	1.1	216
2006	81,457	-1.7	2,116	64,930	0.8	279
2007	83,863	3.0	2,784	65,801	1.3	183
2008	77,606	-7.5	1,868	63,455	-3.6	173
2009	70,444	-9.2	2,561	63,011	-0.7	270
2010	74,145	5.3	3,401	61,364	-2.6	405
2011	71,285	-3.9	3,056	60,428	-1.5	303
2012	66,515	-6.7	2,666	60,313	-0.2	247
2013 1/	74,831	12.5	4,564	62,425	3.5	762
2014	81,591	9.0	3,066	61,468	-1.5	449
2015	73,778	-9.6	3,248	64,631	5.1	367
2016	81,440	10.4	2,834	66,657	3.1	492
2017 2/	81,346	-0.1	2,600	67,571	1.4	356
2018	86,433	6.3	3,757	68,168	0.9	453
2019	93,265	7.9	3,778	72,808	6.8	583
2020	84,600	-9.3	2,540	71,186	-2.2	560
2021	82,199	-2.8	3,790	70,784	-0.6	368

NA Not available.

1/ The 2014 CPS ASEC included redesigned questions for income and health insurance coverage. All of the approximately 98,000 addresses were eligible to receive the redesigned set of health insurance coverage questions. The redesigned income questions were implemented to a subsample of the 98,000 addresses using a probability split panel design. Approximately 68,000 addresses were eligible to receive a set of income questions similar to those used in the 2013 CPS ASEC and the remaining 30,000 addresses were eligible to receive the redesigned income questions. The source of these 2013 estimates is the portion of the CPS ASEC sample which received the redesigned income questions, approximately 30,000 addresses.

2/ Reflects implementation of an updated CPS ASEC processing system.

Source: U.S. Census Bureau, Historical Income Tables - Households, Table H-8. Median Household Income by State: 1984 to 2021 <<https://www.census.gov/data/tables/time-series/demo/income-poverty/historical-income-households.html>> accessed March 16, 2023; and calculations by Hawaii Department of Business, Economic Development & Tourism.

**Table 13.20- MEDIAN MONEY INCOME OF HOUSEHOLDS, FOR HAWAII AND THE UNITED STATES, 2-YEAR MOVING AVERAGES IN CONSTANT 2021 DOLLARS: 1984 TO 2021**

[Based on small samples and subject to considerable sampling variation. Surveys conducted in March or April of following year. Median income in 2021 CPI-U-RS adjusted dollars. The CPI-U-RS is a price index of inflation that incorporates most improvements in methodology made to the current CPI-U since 1978 into a single, uniform series. The Census Bureau recommends 2-year averages to evaluate changes in state estimates over time]

Year	Hawaii			United States		
	Median income (dollars)	Percent change	Standard error	Median income (dollars)	Percent change	Standard error
1984-1985	70,830	(NA)	2,678	56,349	(NA)	231
1985-1986	69,187	-2.3	2,609	57,896	2.7	252
1986-1987	74,381	7.5	2,185	59,272	2.4	245
1987-1988	76,522	2.9	2,365	59,869	1.0	245
1988-1989	73,520	-3.9	2,502	60,634	1.3	264
1989-1990	76,295	3.8	2,325	60,762	0.2	265
1990-1991	75,465	-1.1	2,475	59,489	-2.1	242
1991-1992	76,198	1.0	2,425	58,380	-1.9	228
1992-1993	79,464	4.3	2,462	57,998	-0.7	224
1993-1994	77,812	-2.1	3,160	58,179	0.3	221
1994-1995	76,262	-2.0	2,810	59,431	2.2	254
1995-1996	73,973	-3.0	2,298	60,786	2.3	270
1996-1997	70,588	-4.6	2,326	61,854	1.8	246
1997-1998	68,567	-2.9	2,631	63,633	2.9	277
1998-1999	70,307	2.5	2,862	65,583	3.1	285
1999-2000	76,960	9.5	2,026	66,316	1.1	215
2000-2001	77,048	0.1	1,565	65,513	-1.2	167
2001-2002	72,105	-6.4	1,643	64,413	-1.7	168
2002-2003	73,990	2.6	1,659	64,007	-0.6	201
2003-2004	78,705	6.4	1,811	63,856	-0.2	230
2004-2005	81,867	4.0	1,704	64,086	0.4	205
2005-2006	82,162	0.4	1,567	64,678	0.9	204
2006-2007	82,660	0.6	2,022	65,365	1.1	192
2007-2008	80,735	-2.3	1,929	64,628	-1.1	146
2008-2009	74,025	-8.3	1,830	63,233	-2.2	184
2009-2010	72,393	-2.2	2,825	62,098	-1.8	358
2010-2011	72,715	0.4	2,608	60,896	-1.9	307
2011-2012	68,900	-5.2	2,201	60,371	-0.9	227
2012-2013 1/	69,027	0.2	1,880	60,411	0.1	213
2014-2015 1/	77,684	12.5	2,429	63,049	4.4	289

Continued on next page.

**Table 13.20- MEDIAN MONEY INCOME OF HOUSEHOLDS, FOR HAWAII AND THE UNITED STATES, 2-YEAR MOVING AVERAGES IN CONSTANT 2021 DOLLARS: 1984 TO 2021 -- Con.**

Year	Hawaii			United States		
	Median income (dollars)	Percent change	Standard error	Median income (dollars)	Percent change	Standard error
2015-2016	77,609	-0.1	2,211	65,644	4.1	311
2016-2017	81,380	4.9	2,052	67,245	2.4	340
2017-2018	83,890	3.1	2,448	67,870	0.9	344
2018-2019	89,849	7.1	2,981	70,488	3.9	417
2019-2020	89,038	-0.9	2,386	72,248	2.5	477
2020-2021	83,399	-6.3	2,450	70,985	-1.7	378

NA Not available.

1/ Due to the redesign of the CPS ASEC income questions, 2013 to 2014 data are not available for sequential two-year averages, i.e. 2013-2014.

Source: U.S. Census Bureau, "Table H-8A. Median Income of Households by State: 1984 to 2021 Two-Year Moving Averages" <<https://www.census.gov/data/tables/time-series/demo/income-poverty/historical-income-households.html>> accessed March 16, 2023; and calculations by the Hawaii State Department of Business Economic Development & Tourism.

**Table 13.21-- MEDIAN MONEY INCOME OF HOUSEHOLDS, FOR HAWAII AND THE UNITED STATES, 3-YEAR MOVING AVERAGES IN CONSTANT 2021 DOLLARS: 1984 TO 2021**

[Based on small samples and subject to considerable sampling variation. From surveys conducted in March or April of following year. Median income in 2021 CPI-U-RS adjusted dollars. The CPI-U-RS is a price index of inflation that incorporates most of the improvements in methodology made to the current CPI-U since 1978 into a single, uniform series. The Census Bureau recommends 3-year averages to compare the relative ranking of states]

Year	Median income, 3-year moving averages					
	Hawaii (dollars)	Rank 1/	Standard error	United States (dollars)	Rank btw. 1/	Standard error
1984-1986	70,099	5	2,206	57,206	22 & 23	204
1985-1987	72,833	5	2,059	58,472	23 & 24	211
1986-1988	73,894	6	1,984	59,553	24 & 25	210
1987-1989	75,721	5	2,019	60,297	22 & 23	218
1988-1990	75,170	6	2,076	60,546	21 & 22	223
1989-1991	75,016	6	2,055	60,043	20 & 21	216
1990-1992	76,956	3	2,054	59,043	23 & 24	201
1991-1993	77,129	3	2,117	58,201	23 & 24	192
1992-1994	78,521	2	2,440	58,170	23 & 24	189
1993-1995	77,171	2	2,409	58,902	22 & 23	206
1994-1996	74,860	3	2,297	60,029	22 & 23	218
1995-1997	72,355	5	1,889	61,352	22 & 23	221
1996-1998	69,731	14	2,205	62,830	22 & 23	227
1997-1999	69,910	16	2,233	64,550	22 & 23	233
1998-2000	73,979	10	2,115	65,805	21 & 22	215
1999-2001	75,564	9	1,587	65,804	20 & 21	168
2000-2002	75,178	10	1,369	65,024	24 & 25	143
2001-2003	73,584	11	1,395	64,264	24 & 25	160
2002-2004	76,282	8	1,500	63,920	20 & 21	181
2003-2005	80,092	4	1,446	64,046	21 & 22	183
2004-2006	81,731	3	1,437	64,367	22 & 23	179
2005-2007	82,729	4	1,552	65,053	20 & 21	162
2006-2008	80,976	5	1,615	64,729	22 & 23	149
2007-2009	77,305	7	1,660	64,089	21 & 22	146
2008-2010	73,637	10	1,649	62,680	26 & 27	167
2009-2011	72,024	9	2,416	61,541	26 & 27	299
2010-2012	70,649	11	2,151	60,702	24 & 25	249

Continued on next page.

**Table 13.21-- MEDIAN MONEY INCOME OF HOUSEHOLDS, FOR HAWAII AND THE UNITED STATES, 3-YEAR MOVING AVERAGES IN CONSTANT 2021 DOLLARS: 1984 TO 2021 -- Con.**

Year	Median income, 3-year moving averages					
	Hawaii (dollars)	Rank 1/	Standard error	United States (dollars)	Rank btw. 1/	Standard error
2011-2013 2/	69,780	12	1,684	60,416	26 & 27	199
2013-2015 2/	76,733	6	2,295	62,841	25 & 26	325
2014-2016 2/	78,936	6	1,935	64,252	27 & 28	260
2015-2017 2/	78,846	10	1,672	66,373	25 & 26	266
2016-2018 2/	82,820	6	1,960	67,531	25 & 26	317
2017-2019 2/	87,015	5	2,243	69,516	26 & 27	336
2018-2020 2/	88,066	5	2,248	70,550	26 & 27	364
2019-2021 2/	86,759	8	2,064	71,760	26 & 27	370

1/ Rank among the 50 states and the District of Columbia. A rank of 1 indicates the highest median income and a rank for the United States average indicates its relative place among them.

2/ Data based on the 2014 CPS ASEC with redesigned questions for income and health insurance coverage.

Source: U.S. Census Bureau, "Table H-8B. Median Income of Households by State: 1984 to 2021 Three-Year Moving Averages" <<https://www.census.gov/data/tables/time-series/demo/income-poverty/historical-income-households.html>> accessed March 16, 2023; and calculations by Hawaii Department of Business, Economic Development & Tourism.

**Table 13.22-- MEDIAN INCOME OF HOUSEHOLDS, FAMILIES AND PERCENT OF FAMILIES AND PERSONS BELOW POVERTY LEVEL, BY COUNTY AND SELECTED CENSUS DESIGNATED PLACE (CDP): 2017-2021**

[Average of the 5-year period. Data are based on a sample and are subject to sampling variability]

Geographic area	Median income (dollars) 1/		Percent below poverty level 2/	
	Households	Families	Persons	Families
State	88,005	103,593	9.5	6.5
County: Hawaii	68,399	81,910	13.8	10.3
Honolulu	92,600	109,818	8.6	5.6
Kalawao	79,583	(3/)	20.9	40.0
Kauai	86,287	97,460	9.1	7.5
Maui	88,249	100,094	9.5	6.5
CDP: Hilo	70,356	87,016	16.1	12.2
East Honolulu	139,041	152,127	3.3	2.1
Kailua (Oahu)	133,327	148,852	4.3	2.0
Kaneohe	118,770	134,861	5.5	3.1
Pearl City	108,772	122,388	4.1	2.0
Urban Honolulu	76,495	98,425	11.0	7.2
Waipahu	83,671	88,341	10.8	9.5
Kahului	82,219	96,012	8.4	4.2
Lihue	83,872	102,212	5.0	2.5

1/ Inflation- adjusted 2021 dollars for 2017-2021.

2/ Based on U.S. poverty thresholds. Thresholds in Hawaii are about 15 percent higher; these statistics accordingly understate the prevalence of poverty in Hawaii.

3/ The estimate could not be computed because there were an insufficient number of sample observations.

Source: Hawaii State Department of Business, Economic Development & Tourism, 2017-2021 American Community Survey 5-Year Estimates "DP03: Selected Economic Characteristics" for State of Hawaii, Honolulu, Hawaii, Kauai, Maui, Kalawao counties, and selected Census Designated Places  
<<https://data.census.gov/cedsci/>> accessed March 20, 2023.

**Table 13.23-- ESTIMATED MEDIAN HOUSEHOLD INCOME AND POVERTY STATUS, BY COUNTY: 2019 TO 2021**

[Small Area Income and Poverty Estimates (SAIPE) estimates provide timely, reliable estimates of income and poverty for the administration of federal programs and the allocation of federal funds to local jurisdictions and school districts. All data shown are estimates containing uncertainty. A confidence interval is a range of values that describes the uncertainty surrounding an estimate and are one way to represent how reliable is an estimate; the larger a 90% confidence interval for a particular estimate, the more caution is required when using the estimate. See source for calculated confidence intervals]

Item	Median house- hold income	Persons in poverty 1/		Persons under 18 in poverty	
	Dollars	Number	Percent	Number	Percent
2019					
State total	83,734	124,650	9.0	33,038	11.2
Hawaii	64,929	26,071	13.1	7,959	18.8
Honolulu	86,946	74,282	7.9	18,533	9.2
Kauai	73,029	6,659	9.3	1,804	11.7
Maui 2/	77,375	17,638	10.7	4,743	13.4
2020					
State total	86,878	121,182	8.9	29,682	10.4
Hawaii	70,313	24,301	12.2	6,718	16.1
Honolulu	89,584	74,186	8.0	17,766	9.1
Kauai	80,517	7,005	9.9	1,516	10.1
Maui 2/	80,763	15,690	9.5	3,681	10.6
2021					
State total	85,547	152,656	10.9	38,291	12.9
Hawaii	67,896	29,361	14.7	8,309	19.8
Honolulu	90,176	96,646	10.0	23,042	11.2
Kauai	76,719	8,101	11.2	2,155	13.9
Maui 2/	75,421	18,548	11.4	4,786	13.9

1/ Based on Mainland poverty thresholds. Official Hawaii thresholds are about 15 percent higher. See following table.

2/ Includes Kalawao County.

Source: U.S. Census Bureau, Small Area Income and Poverty Estimates (SAIPE) for State and County <<https://www.census.gov/programs-surveys/saipe/data/datasets.All.html>> accessed March 16, 2023.

**Table 13.24-- INCOME OF HOUSEHOLDS AND FAMILIES: 2019 AND 2021**

[Data are based on a sample and are subject to sampling variability. The U.S. Census Bureau did not release its standard 1-year estimates American Community Survey (ACS) because of the impacts of the COVID-19 pandemic on data collection. The Census Bureau released selected experimental estimates developed from 2020 ACS 1-year that are not reflected in *Data Book 2021*. For more information on the experimental data, please see <<https://www.census.gov/newsroom/press-releases/2021/experimental-2020-ac-s-1-year-data.html>>]

Income	Households		Families	
	Number	Percent	Number	Percent
2019 (in 2019 inflation-adjusted dollars)	465,299	100.0	316,206	100.0
Less than \$10,000	23,344	5.0	9,377	3.0
\$10,000 to \$14,999	12,238	2.6	3,827	1.2
\$15,000 to \$24,999	27,456	5.9	11,911	3.8
\$25,000 to \$34,999	29,598	6.4	15,537	4.9
\$35,000 to \$49,999	40,282	8.7	25,279	8.0
\$50,000 to \$74,999	78,291	16.8	51,523	16.3
\$75,000 to \$99,999	62,750	13.5	46,308	14.6
\$100,000 to \$149,999	92,806	19.9	73,057	23.1
\$150,000 to \$199,999	47,879	10.3	39,286	12.4
\$200,000 or more	50,655	10.9	40,101	12.7
Median income (dollars)	83,102	(X)	96,462	(X)
2021 (in 2021 inflation-adjusted dollars)	490,080	100.0	334,899	100.0
Less than \$10,000	26,535	5.4	10,038	3.0
\$10,000 to \$14,999	14,890	3.0	6,486	1.9
\$15,000 to \$24,999	28,789	5.9	14,014	4.2
\$25,000 to \$34,999	24,548	5.0	12,757	3.8
\$35,000 to \$49,999	45,306	9.2	25,270	7.5
\$50,000 to \$74,999	77,665	15.8	48,520	14.5
\$75,000 to \$99,999	66,805	13.6	48,495	14.5
\$100,000 to \$149,999	88,987	18.2	72,540	21.7
\$150,000 to \$199,999	51,453	10.5	42,501	12.7
\$200,000 or more	65,102	13.3	54,278	16.2
Median income (dollars)	84,857	(X)	100,890	(X)

X Not applicable.

Source: U.S. Census Bureau, American Community Survey 1-Year Estimates, Hawaii (annual) "DP03: Selected Economic Characteristics" <<https://data.census.gov>> accessed January 10, 2023.

**Table 13.25-- HOUSEHOLD INCOME TYPE AND PER CAPITA INCOME, BY COUNTY: 2017-2021**

[Average of 5-year periods. Data are based on a sample and are subject to sampling variability. In 2021 inflation-adjusted dollars]

Subject	State total	City & County of Honolulu	Hawaii County	Kalawao County	Kauai County	Maui County
With earnings (number)	384,677	270,739	52,874	27	17,687	43,350
Mean earnings (dollars)	105,999	110,587	86,170	81,337	96,867	105,271
With Social Security income (number)	173,269	113,088	29,859	3	9,385	20,934
Mean Social Security income (dollars)	21,968	22,167	21,752	(1/)	21,016	21,625
With retirement income (number)	133,988	93,972	19,514	2	6,191	14,309
Mean retirement income (dollars)	34,393	35,712	30,932	(1/)	32,388	31,324
With Supplemental Security income (number)	19,493	13,011	3,818	2	681	1,981
Mean Supplemental Security income (dollars)	10,548	10,339	10,869	(1/)	11,859	10,856
With cash public assistance income (number)	17,913	11,731	3,363	2	729	2,088
Mean cash public assistance income (dollars)	6,157	5,791	6,586	(1/)	6,936	7,258
With Food Stamp/SNAP benefits in the past 12 months	51,080	30,638	13,594	-	2,339	4,509
Per capita income (dollars)	39,045	40,339	33,913	49,700	35,351	38,956

1/ Number of sample cases is too small to show.

Source: U.S. Census Bureau, American Community Survey 5-Year Estimates 2017-2021, "DP03: Selected Economic Characteristics: Hawaii State, and Counties" <<https://data.census.gov/cedsci/>> accessed March 20, 2023.

**Table 13.26-- ANNUAL SELF-SUFFICIENCY FAMILY BUDGETS FOR SELECTED FAMILY TYPES: 2020**

[Economic self-sufficiency is the amount of money that individuals and families require to meet their basic needs without government and/or other subsidies, and that adults are working full-time (40-hour week), with one or more jobs. Self-Sufficiency Family Standard budgets vary by family size, type, location, and the age of children]

Category	Family type				
	One adult	Two adult family	One adult and one preschooler	One adult, one preschooler and one school-age	Two adults, one preschooler and one school-age
Annual self-sufficiency family budget (dollars)					
State	37,646	48,764	64,926	79,342	85,372
Honolulu	38,762	49,348	67,646	82,526	87,731
Hawaii	31,206	42,724	54,483	66,502	74,030
Maui	37,676	50,467	62,124	76,760	84,794
Kauai	40,830	54,031	64,535	79,012	87,171
Selected state benchmarks (dollars)					
Poverty threshold	14,680	19,830	19,830	24,980	30,130
Minimum wage	21,008	42,016	21,008	21,008	42,016
Median family income	44,505	99,100	61,500	34,400	108,500
Self-sufficiency income above or below (-) selected state benchmarks (percent)					
Poverty threshold	156.4	145.9	227.4	217.6	183.3
Minimum wage	79.2	16.1	209.1	277.7	103.2
Median family income	-15.4	-50.8	5.6	130.6	-21.3
Families with income below self-sufficiency level (percent) 1/					
State	43.1	18.2	50.0	80.0	34.7

1/ Based on U.S. Census Bureau, 2019 American Community Survey, Public Use Microdata Sample File (ACS-PUMS) and 2019 Current Population Survey (CPS) data. See report for methodology.

Source: Hawaii State Department of Business, Economic Development & Tourism, "Self-Sufficiency Income Standard, Estimates for Hawaii 2020" (December 2021) <[http://dbedt.hawaii.gov/economic/reports\\_studies/self-sufficiency-income-study/](http://dbedt.hawaii.gov/economic/reports_studies/self-sufficiency-income-study/)> accessed June 24, 2022.

**Table 13.27-- POVERTY STATUS OF PERSONS: 2000 TO 2021**

[Based on Mainland poverty thresholds. Official Hawaii thresholds are approximately 15 percent higher than those in effect on the Mainland; these data accordingly understate the number and percent of persons below the poverty level in Hawaii. Data are based on surveys made in March or April of the following year, and exclude inmates of institutions, persons in military group quarters and in college dormitories, and unrelated individuals under 15 years]

Year	Total population (1,000)	Number in poverty (1,000)	Margin of error 1/	Percent in poverty 2/	Margin of error 1/
2000	1,195	106	20	8.9	1.5
2001	1,205	138	21	11.4	1.8
2002	1,219	138	23	11.3	1.6
2003	1,250	117	20	9.3	1.5
2004	1,244	106	20	8.6	1.6
2005	1,274	110	20	8.6	1.0
2006	1,254	116	21	9.2	1.5
2007	1,264	94	20	7.5	1.5
2008	1,255	125	21	9.9	1.8
2009	1,250	156	23	12.5	2.0
2010	1,311	162	25	12.4	2.0
2011	1,337	162	30	12.1	2.3
2012	1,356	188	35	13.8	2.6
2013 3/	1,338	142	39	10.6	3.0
2014	1,365	147	26	10.8	1.8
2015	1,382	151	26	10.9	1.8
2016	1,392	129	28	9.3	2.0
2017 4/	1,402	149	28	10.6	2.0
2018	1,393	128	26	9.2	1.8
2019	1,365	115	28	8.4	2.1
2020	1,427	155	30	10.9	2.1
2021	1,427	156	29	10.9	2.0

1/ Census Bureau tables were restructured for the release of the 2021 estimates. Related estimates have been combined into single tables. The tables contain the same or more data as in previous years, though they may have updated titles or labels. The 'Standard Error' data in Table 19 have been replaced by 'Margin of Error'.

2/ For the United States, the poverty rate was 11.3 percent in 2000, 11.7 percent in 2001, 12.1 percent in 2002, 12.5 percent in 2003, 12.7 percent in 2004, 12.6 percent in 2005, 12.3 percent in 2006, 12.5 percent in 2007, 13.2 percent in 2008, 14.3 percent in 2009, 15.1 percent in 2010, 15.0 percent in 2011, 15.0 percent in 2012, 14.8 percent in 2013 (revised), 14.8 percent in 2014, 13.5 percent in 2015, 12.7 percent in 2016, 12.3 percent in 2017, 11.8 percent in 2018, 10.5 percent in 2019, 11.5 percent in 2020, and 11.6 percent in 2021.

3/ The 2014 CPS ASEC included redesigned questions for income and health insurance coverage. All of the approximately 98,000 addresses were eligible to receive the redesigned set of health insurance coverage questions. The redesigned income questions were implemented to a subsample of these 98,000 addresses using a probability split panel design. Approximately 68,000 addresses were eligible to receive a set of income questions similar to those used in the 2013 CPS ASEC and the remaining 30,000 addresses were eligible to receive the redesigned income questions. The source of data for this table is the portion of the CPS ASEC sample which received the redesigned income questions, approximately 30,000 addresses.

4/ Reflects implementation of an updated CPS ASEC processing system.

Source: U.S. Bureau of the Census, Historical Poverty Tables, Tables 2, 19 and 20 <<https://www.census.gov/data/tables/time-series/demo/income-poverty/historical-poverty-people.html>> accessed July 5, 2023.

**Table 13.28-- POVERTY STATUS, FOR THE STATE AND BY COUNTY: 2017-2021**

[Based on nationwide poverty thresholds. Hawaii thresholds are approximately 15 percent higher than those in effect on the Mainland; these data accordingly understate the numbers of persons and families below the poverty level in Hawaii. Average of 2017-2021. Data in percent below poverty level]

Subject	State total	City & County of Honolulu	Hawaii County	Kalawao County	Kauai County	Maui County
All families	6.5	5.6	10.3	40.0	7.5	6.5
With related children under 18 years	9.9	8.7	16.6	(1/)	11.0	8.4
With related children under 5 years only	8.9	7.6	16.8	(1/)	14.1	6.7
Married couple families	3.6	3.2	5.5	40.0	3.5	3.4
With related children under 18 years	3.9	3.7	6.2	(1/)	4.2	2.3
With related children under 5 years only	3.0	2.6	7.9	(1/)	5.3	0.7
Families with female householder, no husband present	17.0	15.0	25.3	(1/)	18.0	17.6
With related children under 18 years	26.8	25.3	36.0	(1/)	19.8	24.8
With related children under 5 years only	28.7	29.3	29.4	(1/)	26.7	25.6
All people	9.5	8.6	13.8	20.9	9.1	9.5
Under 18 years	12.0	11.0	18.3	(1/)	11.6	10.8
Related children under 18 years	11.5	10.5	17.6	(1/)	11.3	10.1
Related children under 5 years	13.1	11.8	20.7	(1/)	16.0	11.2
Related children 5 to 17 years	10.9	10.0	16.5	(1/)	9.6	9.7
18 years and over	8.8	8.0	12.6	20.9	8.5	9.1
18 to 64 years	8.9	7.9	13.7	18.9	8.5	9.4
65 years and over	8.3	8.0	9.6	33.3	8.4	8.0
People in families	6.5	5.8	10.1	50.0	6.5	6.2
Unrelated individuals 15 years and over	23.0	22.0	28.5	14.3	20.4	23.2

1/ Either there were no sample observations or too few sample observations were available to compute an estimate.

Source: U.S. Census Bureau, 2017-2021 American Community Survey 5-Year Estimates, "DP03: Selected Economic Characteristics: Hawaii State, and Counties" <<https://data.census.gov/>> accessed March 20, 2023.

**Table 13.29-- POVERTY INCOME GUIDELINES FOR HAWAII, THE 48 CONTIGUOUS STATES, AND ALASKA: 2016 TO 2023**

[In dollars. These family income levels are poverty thresholds established by the U.S. Department of Health and Human Services to determine eligibility for certain Federal programs for the poor]

Effective date	Size of family unit								Add'n member
	1	2	3	4	5	6	7	8	
Jan. 25, 2016	13,670	18,430	23,190	27,950	32,710	37,470	42,230	47,010	4,780
Jan. 26, 2017	13,860	18,670	23,480	28,290	33,100	37,910	42,720	47,530	4,810
Jan. 13, 2018	13,960	18,930	23,900	28,870	33,840	38,810	43,780	48,750	4,970
Jan. 11, 2019	14,380	19,460	24,540	29,620	34,700	39,780	44,860	49,940	5,080
Jan. 15, 2020	14,680	19,830	24,980	30,130	35,280	40,430	45,580	50,730	5,150
Jan. 13, 2021	14,820	20,040	25,260	30,480	35,700	40,920	46,140	51,360	5,220
Jan. 12, 2022	15,630	21,060	26,490	31,920	37,350	42,780	48,210	53,640	5,430
Jan. 12, 2023	16,770	22,680	28,590	34,500	40,410	46,320	52,230	58,140	5,910
Jan. 25, 2016									
U.S. 1/	11,880	16,020	20,160	24,300	28,440	32,580	36,730	40,890	4,160
Alaska	14,840	20,020	25,200	30,380	35,560	40,740	45,920	51,120	5,200
Jan. 26, 2017									
U.S. 1/	12,060	16,240	20,420	24,600	28,780	32,960	37,140	41,320	4,180
Alaska	15,060	20,290	25,520	30,750	35,980	41,210	46,440	51,670	5,230
Jan. 13, 2018									
U.S. 1/	12,140	16,460	20,780	25,100	29,420	33,740	38,060	42,380	4,320
Alaska	15,180	20,580	25,980	31,380	36,780	42,180	47,580	52,980	5,400
Jan. 11, 2019									
U.S. 1/	12,490	16,910	21,330	28,750	30,170	34,590	39,010	43,430	4,420
Alaska	15,600	21,130	26,660	32,190	37,720	43,250	48,780	54,310	5,530
Jan. 15, 2020									
U.S. 1/	12,760	17,240	21,720	26,200	30,680	35,160	39,640	44,120	4,480
Alaska	15,950	21,550	27,150	32,750	38,350	43,950	49,550	55,150	5,600
Jan. 13, 2021									
U.S. 1/	12,880	17,420	21,960	26,500	31,040	35,580	40,120	44,660	4,540
Alaska	16,090	21,770	27,450	33,130	38,810	44,490	50,170	55,850	5,680
Jan. 12, 2022									
U.S. 1/	13,590	18,310	23,030	27,750	32,470	37,190	41,910	46,630	4,720
Alaska	16,990	22,890	28,790	34,690	40,590	46,490	52,390	58,290	5,900
Jan. 12, 2023									
U.S. 1/	14,580	19,720	24,860	30,000	35,140	40,280	45,420	50,560	5,140
Alaska	18,210	24,640	31,070	37,500	43,930	50,360	56,790	63,220	6,430

Continued on next page.

**Table 13.29-- POVERTY INCOME GUIDELINES FOR HAWAII, THE 48 CONTIGUOUS STATES, AND ALASKA: 2016 TO 2023 -- Con.**

1/ Forty-eight contiguous states and the District of Columbia.

Source: U.S. Department of Health and Human Services, "Annual Update of the HHS Poverty Guidelines," *Federal Register* for 2016 <<https://federalregister.gov/a/2016-01450>> accessed February 1, 2016; for 2017 <<https://federalregister.gov/a/2017-02076>> accessed February 1, 2017; for 2018 <<https://www.gpo.gov/fdsys/pkg/FR-2018-01-18/pdf/2018-00814.pdf>> accessed March 7, 2018; for 2019 <<https://www.govinfo.gov/app/details/FR-2019-02-01/2019-00621>> accessed July 18, 2019; for 2020 <<https://www.govinfo.gov/content/pkg/FR-2020-01-17/pdf/2020-00858.pdf>> accessed February 3, 2020; for 2021 <<https://www.govinfo.gov/content/pkg/FR-2021-02-01/pdf/2021-01969.pdf>> accessed February 1, 2021; for 2022 <<https://www.govinfo.gov/content/pkg/FR-2022-01-21/pdf/2022-01166.pdf>> accessed June 24, 2022; and for 2023 <<https://www.govinfo.gov/content/pkg/FR-2023-01-19/pdf/2023-00885.pdf>> accessed February 17, 2023.

**Table 13.30-- AVERAGE ANNUAL EXPENDITURES AND OTHER CHARACTERISTICS OF CONSUMER UNITS,  
FOR HONOLULU METROPOLITAN STATISTICAL AREA: 2001-2002 TO 2004-2005 AND 2015-2016 TO 2020-2021**

[Annual averages for two-year periods. The Consumer Expenditure Survey (CES) for 2005-2006 was released by BLS on October 26, 2007 but excluded data for Honolulu MSA. BLS continued to release CES for averages of the two-year periods through 2014-2015 but Honolulu MSA was excluded. Honolulu MSA data were restored in the CES 2015-2016 and have been included ever since]

Item	2001- 2002	2002- 2003	2003- 2004	2004- 2005	2015- 2016	2016- 2017	2017- 2018	2018- 2019	2019- 2020	2020- 2021
Average annual expenditures	43,458	44,505	48,339	54,937	66,798	65,099	60,710	63,481	60,884	61,290
Food	6,418	5,819	6,666	8,089	10,303	10,036	10,985	11,969	9,953	9,289
Food at home	3,879	3,269	3,592	4,231	5,419	5,161	5,899	6,624	6,118	5,908
Cereals and bakery products	542	462	499	556	599	511	691	835	710	767
Meats, poultry, fish, and eggs	1,182	866	860	1,090	1,299	1,349	1,467	1,597	1,472	1,313
Dairy products	336	287	317	335	438	413	508	563	445	403
Fruits and vegetables	750	630	693	831	1,099	1,071	1,265	1,376	1,324	1,348
Other food at home	1,069	1,024	1,223	1,419	1,985	1,816	1,968	2,253	2,166	2,075
Food away from home	2,539	2,549	3,075	3,858	4,885	4,875	5,086	5,345	3,835	3,382
Alcoholic beverages	489	357	367	463	518	658	517	546	473	444
Housing	14,207	15,156	15,874	17,400	24,241	24,355	23,045	23,089	23,572	25,224
Shelter	9,470	10,067	10,324	10,887	16,359	16,502	14,710	15,165	16,007	16,869
Owned dwellings	4,810	5,367	5,629	6,516	6,714	6,982	7,376	7,901	7,797	8,222
Rented dwellings	4,030	3,971	4,160	3,960	8,833	8,769	6,949	6,704	7,633	8,282
Other lodging	630	728	535	411	811	751	385	561	577	366
Utilities, fuels, & public services	2,200	2,492	2,606	2,813	4,047	4,203	4,416	4,417	4,455	4,730
Household operations	569	707	770	692	1,240	1,441	1,263	944	938	1,086
Housekeeping supplies	567	480	593	817	715	716	838	871	721	817
Household furn. & equipment	1,402	1,410	1,582	2,191	1,880	1,492	1,817	1,692	1,452	1,723
Apparel and services	1,597	1,467	1,467	2,157	1,726	1,667	1,634	1,577	1,185	774
Transportation	7,230	8,023	8,778	9,921	9,486	7,391	6,611	8,403	8,213	7,580
Vehicle purchases (net outlay)	3,040	3,724	4,356	4,768	3,727	1,954	1,595	2,865	2,975	2,635
Gasoline and motor oil	1,124	1,142	1,277	1,658	1,924	1,794	1,800	1,851	1,670	1,756

Continued on next page.

**Table 13.30-- AVERAGE ANNUAL EXPENDITURES AND OTHER CHARACTERISTICS OF CONSUMER UNITS, FOR HONOLULU METROPOLITAN STATISTICAL AREA: 2001-2002 TO 2004-2005 AND 2015-2016 TO 2020-2021 -- Con.**

Item	2001-2002	2002-2003	2003-2004	2004-2005	2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021
Transportation- con.										
Other vehicle expenses	2,194	2,208	2,218	2,427	2,414	2,156	2,202	2,543	2,627	2,741
Public transportation	873	948	927	1,069	1,421	1,488	1,014	1,143	942	448
Health care	2,365	2,617	2,668	2,600	3,576	3,977	4,134	4,233	3,909	4,009
Entertainment	2,249	2,276	2,941	3,126	2,997	3,285	2,665	2,307	1,967	1,878
Personal care products & services	594	542	649	772	746	705	798	755	583	605
Reading	161	170	149	128	138	77	53	30	55	111
Education	1,088	1,040	1,020	1,320	1,909	1,820	1,074	1,375	1,379	1,115
Tobacco prod. & smoking supplies	297	300	270	241	146	101	178	206	183	231
Miscellaneous	759	831	825	861	623	597	358	413	610	598
Cash contributions	1,278	1,226	1,218	1,112	3,338	3,512	1,456	952	799	814
Personal insurance and pensions	4,727	4,684	5,447	6,746	7,052	6,919	7,202	7,628	8,001	8,618
Life & other personal insurance	641	607	554	520	298	251	289	385	404	443
Pensions and Social Security	4,086	4,076	4,893	6,226	6,754	6,668	6,912	7,243	7,597	8,175
Number of consumer units (1,000)	276	275	273	278	499	532	537	562	609	582
Consumer unit characteristics										
Income before taxes 1/	56,000	59,114	64,082	70,104	89,019	93,672	94,905	95,375	95,678	101,761
Age of reference person	53.9	53.7	52.1	51.8	52.4	53.0	56.6	56.7	54.0	52.8
Average number in consumer unit 2/										
Persons	2.8	2.8	2.7	2.8	2.8	2.7	2.8	2.7	2.6	2.8
Children under 18	0.7	0.6	0.5	0.6	0.6	0.6	0.6	0.5	0.5	0.6
Persons 65 and over	0.5	0.5	0.4	0.4	0.5	0.5	0.6	0.5	0.5	0.5
Earners	1.4	1.4	1.5	1.5	1.4	1.4	1.5	1.5	1.5	1.5
Vehicles	1.6	1.6	1.7	1.8	1.7	1.7	1.8	1.7	1.6	1.7
Percent homeowner	53.0	57.0	57.0	61.0	52.0	54.0	62.0	62.0	57.0	56.0

Continued on next page.

**Table 13.30-- AVERAGE ANNUAL EXPENDITURES AND OTHER CHARACTERISTICS OF CONSUMER UNITS,  
FOR HONOLULU METROPOLITAN STATISTICAL AREA: 2001-2002 TO 2004-2005 AND 2015-2016 TO  
2020-2021 -- Con.**

1/ A consumer unit includes families, single persons living alone or sharing a household with others but who are financially independent, or two or more persons living together who share expenses.

2/ Components of income and taxes are derived from "complete income reporters" only through 2003. Beginning in 2004, income imputation was implemented. As a result, all consumer units are considered to be complete income reporters.

Source: U.S. Bureau of Labor Statistics, Selected Western Metropolitan Statistical Areas: Average Annual Expenditures and Characteristics, Consumer Expenditure Survey (annual) <<http://www.bls.gov/cex/csxmsa.htm>> accessed September 8, 2022.

**Table 13.31-- AVERAGE ANNUAL EXPENDITURES AND OTHER CHARACTERISTICS OF CONSUMER UNITS, FOR SELECTED WESTERN METROPOLITAN STATISTICAL AREAS: 2020-2021**

[Averages over two-year period. Number in units, unless otherwise specified. Expenditures in dollars]

Item	All consumer units in the West 1/	Honolulu	Los Angeles	San Francisco	San Diego	Seattle	Phoenix	Denver	Anchorage
Average annual expenditures	70,521	61,290	68,814	91,290	88,841	86,303	61,741	75,132	72,255
Food	8,689	9,289	8,773	10,819	10,563	10,253	7,054	8,377	10,541
Food at home	5,673	5,908	5,571	7,569	6,264	6,686	4,238	5,095	7,176
Cereals and bakery products	692	767	661	923	740	754	513	553	889
Meats, poultry, fish, and eggs	1,207	1,313	1,372	1,766	1,299	1,269	888	1,114	1,399
Dairy products	550	403	514	668	594	640	349	516	690
Fruits and vegetables	1,149	1,348	1,166	1,697	1,284	1,341	809	1,099	1,564
Other food at home	2,075	2,075	1,858	2,516	2,347	2,681	1,679	1,814	2,633
Food away from home	3,016	3,382	3,201	3,250	4,299	3,568	2,817	3,282	3,366
Alcoholic beverages	590	444	517	906	1,165	1,018	505	818	663
Housing	25,358	25,224	26,143	38,212	32,907	31,834	21,114	27,199	24,833
Shelter	15,809	16,869	17,276	26,561	21,941	20,851	13,076	16,197	14,619
Owned dwellings	8,428	8,222	8,149	14,443	11,779	11,583	6,756	9,386	8,675
Rented dwellings	6,528	8,282	8,487	10,867	9,221	7,711	5,509	5,819	5,091
Other lodging	853	366	640	1,251	941	1,558	811	992	852
Utilities, fuels, and public services	4,114	4,730	4,070	4,828	4,060	4,063	3,804	3,990	5,079
Household operations	1,691	1,086	1,690	2,442	2,052	2,081	1,421	2,344	1,535
Housekeeping supplies	881	817	781	1,036	1,371	1,005	701	1,141	747
Household furnishings and equip.	2,864	1,723	2,327	3,346	3,483	3,834	2,112	3,526	2,853
Apparel and services	1,734	774	1,810	1,933	3,212	2,479	1,743	1,380	1,623
Transportation	11,125	7,580	11,219	11,077	10,851	12,303	11,639	12,239	8,727
Vehicle purchases (net outlay)	4,846	2,635	4,564	4,653	3,085	5,691	6,318	5,705	2,518
Gasoline and motor oil	2,079	1,756	2,346	1,903	2,391	1,866	1,597	1,715	2,095
Other vehicle expenses	3,768	2,741	4,007	3,739	4,696	4,049	3,403	4,214	3,373
Public and other transportation	432	448	303	782	679	697	321	605	742

Continued on next page.

**Table 13.31-- AVERAGE ANNUAL EXPENDITURES AND OTHER CHARACTERISTICS OF CONSUMER UNITS, FOR SELECTED WESTERN METROPOLITAN STATISTICAL AREAS: 2020-2021 -- Con.**

Item	All consumer units in the West 1/	Honolulu	Los Angeles	San Francisco	San Diego	Seattle	Phoenix	Denver	Anchorage
Healthcare	5,185	4,009	4,487	5,798	5,104	4,771	5,156	5,626	5,295
Entertainment	3,806	1,878	2,978	3,535	5,608	4,752	2,955	4,134	4,537
Personal care products and services	813	605	857	965	890	1,090	824	926	642
Reading	133	111	110	133	135	241	106	187	102
Education	1,117	1,115	1,127	1,694	1,900	1,747	911	1,419	1,164
Tobacco products & smoking supplies	270	231	188	68	230	397	253	203	387
Miscellaneous	1,025	598	1,104	819	1,422	1,625	816	908	926
Cash contributions	2,548	814	1,527	3,198	2,446	3,174	1,758	2,684	2,900
Personal insurance and pensions	8,128	8,618	7,973	12,133	12,408	10,619	6,907	9,033	9,914
Life and other personal insurance	410	443	309	526	779	497	319	576	367
Pensions and Social Security	7,718	8,175	7,664	11,607	11,629	10,122	6,588	8,457	9,547
Number of consumer units (1,000's)	30,097	582	6,406	1,853	1,021	2,027	1,437	1,257	220
Consumer unit characteristics									
Income before taxes	93,329	101,761	96,088	154,091	114,419	117,721	79,957	103,708	93,893
Age of reference person	51.2	52.8	50.9	53.3	50.6	48.4	50.9	49.0	50.3
Average number in consumer unit	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
People	2.6	2.8	2.7	2.6	2.6	2.4	2.4	2.5	2.6
Children under 18	0.6	0.6	0.6	0.5	0.6	0.6	0.6	0.6	0.7
Adults 65 and older	0.4	0.5	0.4	0.5	0.4	0.3	0.4	0.3	0.3
Earners	1.4	1.5	1.4	1.5	1.5	1.3	1.2	1.4	1.4
Vehicles	2.0	1.7	1.7	1.7	2.0	1.9	1.7	1.9	2.5
Percent homeowner	60.0	56.0	54.0	61.0	58.0	57.0	61.0	66.0	65.0

1/ A consumer unit includes families, single persons living alone or sharing a household with others but who are financially independent, or two or more persons living together who share expenses.

Source: U.S. Bureau of Labor Statistics, Selected Western Metropolitan Statistical Areas: Average Annual Expenditures and Characteristics, (September 2022) <<https://www.bls.gov/cex/tables.htm>> accessed September 8, 2022.

**Table 13.32-- AVERAGE ANNUAL CONSUMER EXPENDITURES  
FOR HONOLULU: 2013-2014**

[In dollars and percent]

Category	Expenditures	Share
Average annual expenditures	62,489	100.0
Food	9,171	14.7
Food at home	5,587	8.9
Cereals and bakery products	547	0.9
Meats, poultry, fish, and eggs	1,676	2.7
Dairy products	567	0.9
Fruits and vegetables	1,095	1.8
Other food at home	1,702	2.7
Food away from home	3,584	5.7
Alcoholic beverages	697	1.1
Housing	26,980	43.2
Shelter	18,574	29.7
Owned dwellings	10,983	17.6
Rented dwellings	6,108	9.8
Investment and commercial properties	851	1.4
Lodging during trips	632	1.0
Utilities, fuels, and public services	4,552	7.3
Household operations	833	1.3
Housekeeping supplies	1,049	1.7
Household furnishings and equipment	1,972	3.2
Apparel and services	1,206	1.9
Transportation	8,714	13.9
Vehicle purchases (net outlay)	2,223	3.6
Gasoline and motor oil	1,803	2.9
Other vehicle expenses	2,881	4.6
Public and other transportation	1,808	2.9
Health care	3,610	5.8
Entertainment	1,567	2.5
Personal care products and services	602	1.0
Reading	102	0.2
Education	2,508	4.0
Tobacco products and smoking supplies	123	0.2
Miscellaneous	1,022	1.6
Cash contributions	1,068	1.7
Personal insurance and retirement savings	5,118	8.2
Life and other personal insurance	697	1.1
Retirement savings and social security	4,421	7.1
Addendum: on-line shopping	720	1.2

Source: Hawaii Department of Business, Economic Development & Tourism, Research & Economic Analysis Division, *Honolulu Consumer Spending: 2013-2014*, "Table 1. Average annual expenditures: Honolulu, 2013-2014" (April 2016)  
<[http://files.hawaii.gov/dbedt/economic/reports/CE\\_Oahu\\_Survey\\_Final.pdf](http://files.hawaii.gov/dbedt/economic/reports/CE_Oahu_Survey_Final.pdf)> accessed June 16, 2016.

**Table 13.33-- AVERAGE ANNUAL CONSUMER EXPENDITURES  
FOR MAUI COUNTY: 2014**

[In dollars and percent]

Category	Expenditures	Share
Average annual expenditures	65,197	100.0
Food	10,196	15.6
Food at home	7,186	11.0
Cereals and bakery products	738	1.1
Meats, poultry, fish, and eggs	2,078	3.2
Dairy products	765	1.2
Fruits and vegetables	1,488	2.3
Other food at home	2,116	3.2
Food away from home	3,011	4.6
Alcoholic beverages	1,024	1.6
Housing	26,277	40.3
Shelter	16,365	25.1
Owned dwellings	10,462	16.0
Rented dwellings	4,695	7.2
Investment and commercial properties	563	0.9
Lodging during trips	645	1.0
Utilities, fuels, and public services	5,444	8.4
Household operations	1,220	1.9
Housekeeping supplies	1,131	1.7
Household furnishings and equipment	2,116	3.2
Apparel and services	1,268	1.9
Transportation	10,226	15.7
Vehicle purchases (net outlay)	3,276	5.0
Gasoline and motor oil	1,887	2.9
Other vehicle expenses	2,919	4.5
Public and other transportation	2,144	3.3
Health care	4,646	7.1
Entertainment	1,738	2.7
Personal care products and services	754	1.2
Reading	114	0.2
Education	1,675	2.6
Tobacco products and smoking supplies	120	0.2
Miscellaneous	1,210	1.9
Cash contributions	1,154	1.8
Personal insurance and retirement savings	4,795	7.4
Life and other personal insurance	589	0.9
Retirement savings and social security	4,205	6.4
Addendum: On-line shopping	1,233	1.9

Source: Hawaii Department of Business, Economic Development & Tourism, Research & Economic Analysis Division, *Maui County Consumer Spending: 2014* (June 2016)

"Table 1. Average annual household expenditures: Maui County, 2014"

<[http://files.hawaii.gov/dbedt/economic/reports/CE\\_Maui\\_Survey\\_Final.pdf](http://files.hawaii.gov/dbedt/economic/reports/CE_Maui_Survey_Final.pdf)> accessed June 16, 2016.

**Table 13.34-- AVERAGE ANNUAL CONSUMER EXPENDITURES FOR HAWAII COUNTY: 2014**

[In dollars and percent]

Category	Expenditures	Share
Average annual expenditures	51,700	100.0
Food	7,420	14.4
Food at home	5,298	10.2
Cereals and bakery products	553	1.1
Meats, poultry, fish, and eggs	1,671	3.2
Dairy products	525	1.0
Fruits and vegetables	977	1.9
Other food at home	1,573	3.0
Food away from home	2,122	4.1
Alcoholic beverages	715	1.4
Housing	20,921	40.5
Shelter	13,006	25.2
Owned dwellings	8,941	17.3
Rented dwellings	3,006	5.8
Investment and commercial properties	469	0.9
Lodging during trips	589	1.1
Utilities, fuels, and public services	4,511	8.7
Household operations	613	1.2
Housekeeping supplies	877	1.7
Household furnishings and equipment	1,913	3.7
Apparel and services	873	1.7
Transportation	8,405	16.3
Vehicle purchases (net outlay)	2,173	4.2
Gasoline and motor oil	1,863	3.6
Other vehicle expenses	2,728	5.3
Public and other transportation	1,641	3.2
Health care	3,924	7.6
Entertainment	1,167	2.3
Personal care products and services	701	1.4
Reading	101	0.2
Education	1,603	3.1
Tobacco products and smoking supplies	78	0.2
Miscellaneous	900	1.7
Cash contributions	845	1.6
Personal insurance and retirement savings	4,046	7.8
Life and other personal insurance	492	1.0
Retirement savings and social security	3,554	6.9
Addendum: on-line shopping	943	1.8

Source: Hawaii Department of Business, Economic Development & Tourism, Research & Economic Analysis Division, *Hawaii County Consumer Spending: 2014*, "Table 1. Average annual household expenditures: Hawaii County, 2014" (June 2016)  
[http://files.hawaii.gov/dbedt/economic/reports/CE\\_Big\\_Island\\_Survey\\_Final.pdf](http://files.hawaii.gov/dbedt/economic/reports/CE_Big_Island_Survey_Final.pdf) accessed June 27, 2016.

**Table 13.35-- AVERAGE ANNUAL CONSUMER EXPENDITURES FOR  
KAUAI COUNTY: 2014**

[In dollars and percent]

Category	Expenditures	Share
Average annual expenditures	64,651	100.0
Food	9,638	14.9
Food at home	6,373	9.9
Cereals and bakery products	688	1.1
Meats, poultry, fish, and eggs	2,042	3.2
Dairy products	627	1.0
Fruits and vegetables	1,148	1.8
Other food at home	1,868	2.9
Food away from home	3,265	5.0
Alcoholic beverages	934	1.4
Housing	26,819	41.5
Shelter	17,293	26.7
Owned dwellings	11,004	17.0
Rented dwellings	5,094	7.9
Investment and commercial properties	460	0.7
Lodging during trips	734	1.1
Utilities, fuels, and public services	5,233	8.1
Household operations	773	1.2
Housekeeping supplies	1,284	2.0
Household furn. & equipment	2,236	3.5
Apparel and services	1,268	2.0
Transportation	10,836	16.8
Vehicle purchases (net outlay)	2,845	4.4
Gasoline and motor oil	2,553	3.9
Other vehicle expenses	3,061	4.7
Public and other transportation	2,376	3.7
Health care	4,261	6.6
Entertainment	1,398	2.2
Personal care products and services	911	1.4
Reading	99	0.2
Education	992	1.5
Tobacco prod. & smoking supplies	225	0.3
Miscellaneous	1,222	1.9
Cash contributions	1,650	2.6
Personal insurance and retirement savings	4,398	6.8
Life and other personal insurance	471	0.7
Retirement savings and social security	3,928	6.1
Addendum: on-line shopping	1,363	2.1

Source: Hawaii Department of Business, Economic Development & Tourism, Research & Economic Analysis Division, *Kauai County Consumer Spending: 2014*, "Table 1. Average annual household expenditures: Kauai County, 2014" (June 2016)  
<[http://files.hawaii.gov/dbedt/economic/reports/CE\\_Kauai\\_Survey\\_Final.pdf](http://files.hawaii.gov/dbedt/economic/reports/CE_Kauai_Survey_Final.pdf)> accessed June 27, 2016.

**Table 13.36-- AVERAGE ANNUAL CONSUMER EXPENDITURES,  
BY COUNTY: 2014**

[As percent of total]

Category	Honolulu	Maui	Hawaii	Kauai
Average annual expenditures	100.0	100.0	100.0	100.0
Food	13.2	15.6	14.4	14.9
Alcoholic beverages	1.0	1.6	1.4	1.4
Housing	44.1	40.3	40.5	41.5
Apparel and services	1.9	1.9	1.7	2.0
Transportation	14.7	15.7	16.3	16.8
Health care	5.7	7.1	7.6	6.6
Entertainment	2.6	2.7	2.3	2.2
Personal care products and services	1.0	1.2	1.4	1.4
Reading	0.2	0.2	0.2	0.2
Education	4.0	2.6	3.1	1.5
Tobacco prod. & smoking supplies	0.2	0.2	0.2	0.3
Miscellaneous	1.7	1.9	1.7	1.9
Cash contributions	1.8	1.8	1.6	2.6
Personal insurance and retirement savings	8.0	7.4	7.8	6.8

Source: Hawaii Department of Business, Economic Development & Tourism, Research & Economic Analysis Division, *Maui County Consumer Spending: 2014* "Table 2. Share of expenditures for Honolulu and Maui County households: 2014" (June 2016) <[http://files.hawaii.gov/dbedt/economic/reports/CE\\_Maui\\_Survey\\_Final.pdf](http://files.hawaii.gov/dbedt/economic/reports/CE_Maui_Survey_Final.pdf)> accessed June 16, 2016. Ibid. *Hawaii County Consumer Spending: 2014* "Table 2. Share of expenditures for Honolulu and Hawaii County households: 2014" (June 2016) <[http://files.hawaii.gov/dbedt/economic/reports/CE\\_Big\\_Island\\_Survey\\_Final.pdf](http://files.hawaii.gov/dbedt/economic/reports/CE_Big_Island_Survey_Final.pdf)> accessed June 27, 2016; Ibid. *Kauai County Consumer Spending: 2014* "Table 2. Share of expenditures for Honolulu and Kauai County households: 2014" (June 2016) <[http://files.hawaii.gov/dbedt/economic/reports/CE\\_Kauai\\_Survey\\_Final.pdf](http://files.hawaii.gov/dbedt/economic/reports/CE_Kauai_Survey_Final.pdf)> accessed June 27, 2016.

**Table 13.37-- PERSONAL CONSUMPTION EXPENDITURES, BY MAJOR TYPE OF PRODUCT: 2016 TO 2021**

[In millions of current dollars. Data revised 2017 to 2020]

Industry	2016	2017	2018	2019	2020	2021
Personal consumption expenditures (PCE)	58,783.7	61,184.9	64,529.5	66,957.1	64,031.5	70,859.4
Goods	17,285.4	17,949.2	18,941.0	19,416.8	19,828.8	22,394.0
Durable goods	4,804.7	4,985.0	5,279.4	5,322.2	5,785.1	7,066.6
Motor vehicles & parts	1,872.9	1,951.6	1,999.3	1,945.0	1,974.0	2,458.6
Furnishings & durable household equipment	1,313.9	1,385.7	1,493.6	1,513.7	1,822.7	2,087.7
Recreational goods & vehicles	831.8	835.4	896.1	957.9	1,190.8	1,575.6
Other durable goods	786.1	812.3	890.5	905.7	797.7	944.8
Nondurable goods	12,480.7	12,964.3	13,661.5	14,094.5	14,043.7	15,327.4
Food & beverages purchased for off-premises consumption	5,099.4	5,299.0	5,543.1	5,780.5	6,294.8	6,698.2
Clothing and footwear	1,898.2	1,958.3	2,078.2	2,087.6	1,516.6	1,906.0
Gasoline & other energy goods	773.4	874.2	996.3	924.0	621.2	875.6
Other nondurable goods	4,709.8	4,832.8	5,044.0	5,302.5	5,611.0	5,847.7
Services	41,498.3	43,235.7	45,588.5	47,540.3	44,202.7	48,465.4
Household consumption expenditures (for services)	38,801.5	40,514.4	42,637.0	44,560.4	40,815.4	45,297.9
Housing and utilities	12,512.5	12,928.0	13,333.0	13,935.2	14,630.3	15,459.6
Health care	8,846.2	9,227.8	9,781.8	10,398.9	9,965.7	10,738.4
Transportation services	1,836.4	1,996.0	2,160.9	2,318.4	1,371.4	1,882.1
Recreation services	2,559.2	2,567.0	2,683.1	2,662.2	1,692.8	2,111.5
Food services & accom.	4,377.7	4,714.2	4,966.3	5,216.7	3,514.5	4,807.8
Financial services & insurance	4,101.6	4,396.9	4,717.9	4,715.4	4,848.2	4,995.4
Other services	4,567.9	4,684.5	4,994.0	5,313.5	4,792.5	5,303.0
Final consumption expenditures of nonprofit institutions serving households (NPISHs)	2,696.9	2,721.2	2,951.5	2,979.9	3,387.3	3,167.5
Gross output of nonprofit institutions	7,695.6	7,868.9	8,420.3	8,803.2	8,887.5	9,802.5
Less: Receipts from sales of goods & serv. by nonprof. inst.	4,998.7	5,147.7	5,468.8	5,823.3	5,500.3	6,635.0

Source: U.S. Bureau of Economic Analysis, Interactive Tables: SAEXP1 Total personal consumption expenditures (PCE) by state: 1997 to 2021

<<https://apps.bea.gov/iTable/iTable.cfm?reqid=70&step=1&acrdn=7#reqid=70&step=1&acrdn=7>> accessed October 6, 2022. See also "Personal Consumption Expenditures, By State: 2021" (October 6, 2022)

<<https://www.bea.gov/news/2021/personal-consumption-expenditures-state-2021>> accessed October 6, 2022.

**Table 13.38-- PERSONAL CONSUMPTION EXPENDITURES PER CAPITA,  
BY MAJOR TYPE OF PRODUCT: 2015 TO 2021**

[Per capita PCE estimates are in current dollars. BEA produced intercensal population figures for 2010 to 2019 that are tied to the Census Bureau decennial counts for 2010 and 2020. Per capita values are computed from unrounded data. Source revised 2010 to 2020 estimates]

Industry	2015	2016	2017	2018	2019	2020	2021
Personal consumption expend. (PCE) per cap.	39,445	40,346	41,955	44,193	45,954	44,102	49,155
Goods	11,663	11,864	12,308	12,972	13,326	13,657	15,535
Durable goods	3,215	3,298	3,418	3,616	3,653	3,984	4,902
Motor vehicles & parts	1,244	1,285	1,338	1,369	1,335	1,360	1,706
Furnishings & durable household equipment	864	902	950	1,023	1,039	1,255	1,448
Rec. goods & vehicles	573	571	573	614	657	820	1,093
Other durable goods	534	540	557	610	622	549	655
Nondurable goods	8,448	8,566	8,890	9,356	9,673	9,673	10,633
Food & bev. purchased for off-premises consumption	3,456	3,500	3,634	3,796	3,967	4,336	4,647
Clothing and footwear	1,281	1,303	1,343	1,423	1,433	1,045	1,322
Gasoline & other energy goods	552	531	599	682	634	428	607
Other nondurable goods	3,159	3,233	3,314	3,454	3,639	3,865	4,057
Services	27,782	28,482	29,647	31,221	32,628	30,445	33,620
Household consumption expend. (for services)	26,038	26,631	27,781	29,200	30,583	28,112	31,423
Housing and utilities	8,412	8,588	8,865	9,131	9,564	10,077	10,724
Health care	5,883	6,071	6,327	6,699	7,137	6,864	7,449
Transportation services	1,237	1,260	1,369	1,480	1,591	945	1,306
Recreation services	1,734	1,756	1,760	1,838	1,827	1,166	1,465
Food services & accom.	2,893	3,005	3,233	3,401	3,580	2,421	3,335
Financial serv. & insur.	2,777	2,815	3,015	3,231	3,236	3,339	3,465
Other services	3,102	3,135	3,212	3,420	3,647	3,301	3,679
Final cons. expend. of of nonprofit inst. serving households (NPISHs)	1,744	1,851	1,866	2,021	2,045	2,333	2,197
Gross output of nonprofit institutions	5,120	5,282	5,396	5,767	6,042	6,121	6,800
Less: Receipts from sales of goods & serv. by nonprof. inst.	3,376	3,431	3,530	3,745	3,997	3,788	4,603

Source: U.S. Bureau of Economic Analysis, Interactive Tables: SAEXP2 Per capita personal consumption expenditures (PCE) by state, 1997-2021

<<https://www.bea.gov/itable/iTable.cfm?ReqID=70&step=1#reqid=70&step=1&isuri=1>> accessed October 6, 2022. See also "Personal Consumption Expenditures, By State: 2021" (October 6, 2022)

<[https://www.bea.gov/sites/default/files/2022-10/pce1022\\_0\\_0.pdf](https://www.bea.gov/sites/default/files/2022-10/pce1022_0_0.pdf)> accessed October 6, 2022.

**Table 13.39-- PERSONAL CONSUMPTION EXPENDITURES PER CAPITA  
FOR THE UNITED STATES AVERAGE, THE 50 STATES AND THE  
DISTRICT OF COLUMBIA: 2015 TO 2021**

[Per capita PCE estimates are in current dollars. BEA produced intercensal population figures for 2010 to 2019 that are tied to the Census Bureau decennial counts for 2010 and 2020. Per capita values are computed from unrounded data. Source revised 2010 to 2020 estimates]

State	2015	2016	2017	2018	2019	2020	2021
U.S. average	38,106	39,132	40,516	42,323	43,584	42,583	47,915
Hawaii	39,445	40,346	41,955	44,193	45,954	44,102	49,155
Hawaii as % of U.S.	103.5	103.1	103.6	104.4	105.4	103.6	102.6
Alabama	31,123	31,866	32,977	34,321	35,458	35,244	39,657
Alaska	45,319	46,029	47,486	49,666	51,364	48,921	54,331
Arizona	34,980	35,935	37,567	39,220	40,630	40,237	44,875
Arkansas	30,755	31,668	32,732	33,928	34,670	34,786	39,044
California	40,584	42,099	44,094	46,385	48,478	46,802	53,082
Colorado	40,643	42,226	44,024	45,758	47,559	47,072	53,374
Connecticut	45,966	47,095	48,502	50,248	51,243	50,018	55,803
Delaware	41,816	42,558	43,536	45,398	46,607	45,481	51,113
Dist. of Col.	62,416	64,021	66,116	69,463	71,454	69,170	78,809
Florida	39,862	40,728	41,883	43,862	45,155	44,269	50,689
Georgia	34,040	35,075	36,462	38,032	39,055	38,253	43,482
<b>Hawaii</b>	<b>39,445</b>	<b>40,346</b>	<b>41,955</b>	<b>44,193</b>	<b>45,954</b>	<b>44,102</b>	<b>49,155</b>
Idaho	30,724	31,664	33,051	34,699	35,364	35,232	39,739
Illinois	38,919	40,056	41,434	43,382	44,598	43,510	49,558
Indiana	33,629	34,594	36,226	37,720	38,412	38,113	42,697
Iowa	34,610	35,383	36,422	37,631	38,214	37,419	41,758
Kansas	34,840	35,457	36,582	38,006	39,038	38,651	43,147
Kentucky	32,259	33,327	34,431	35,822	36,633	36,444	40,816
Louisiana	33,688	34,270	35,335	36,705	37,735	37,388	42,294
Maine	39,934	40,926	42,811	44,474	45,686	45,050	50,559
Maryland	41,162	42,018	43,153	44,599	45,443	43,658	48,650
Massachusetts	47,657	48,923	50,391	52,093	53,622	51,342	58,532
Michigan	36,758	37,965	39,224	40,885	41,895	40,922	45,591
Minnesota	40,777	41,693	43,280	45,125	46,007	44,170	48,615
Mississippi	29,372	29,967	30,649	31,855	32,497	32,577	36,445
Missouri	36,365	37,186	38,450	39,931	40,955	40,131	44,990
Montana	37,655	38,195	39,483	41,239	42,304	42,370	47,887
Nebraska	36,944	37,876	39,015	40,406	41,213	40,816	46,190
Nevada	35,934	36,783	38,263	39,879	40,966	39,829	44,831
New Hampshire	45,795	47,136	48,901	50,916	52,399	51,625	56,727
New Jersey	44,232	45,222	46,135	48,080	49,386	48,244	54,700

Continued on next page.

**Table 13.39-- PERSONAL CONSUMPTION EXPENDITURES PER CAPITA FOR THE UNITED STATES AVERAGE, THE 50 STATES AND THE DISTRICT OF COLUMBIA: 2015 TO 2021 -- Con.**

State	2015	2016	2017	2018	2019	2020	2021
New Mexico	32,254	32,904	33,912	35,443	35,940	35,129	40,028
New York	42,777	44,048	45,826	48,246	49,963	47,930	53,255
North Carolina	33,909	34,792	36,118	37,788	39,244	38,979	43,959
North Dakota	43,524	42,959	43,066	44,210	44,800	43,417	48,182
Ohio	35,922	36,874	38,015	39,377	40,261	39,666	44,089
Oklahoma	31,791	32,241	33,048	34,613	35,199	34,832	38,650
Oregon	36,523	37,567	39,369	41,331	42,766	42,232	47,779
Pennsylvania	40,318	41,131	42,411	44,425	45,640	44,088	49,040
Rhode Island	38,716	39,485	40,614	42,036	42,976	41,548	46,909
South Carolina	34,009	34,984	36,093	37,546	38,665	38,355	43,305
South Dakota	37,108	38,118	39,532	41,258	42,486	42,246	47,740
Tennessee	33,252	34,249	35,416	36,805	37,910	37,481	42,469
Texas	35,984	36,798	37,965	39,553	40,600	40,003	45,114
Utah	31,585	32,658	34,003	35,744	37,034	37,320	42,653
Vermont	43,506	44,127	44,964	46,846	47,860	46,205	50,761
Virginia	39,392	40,263	41,257	42,883	43,822	42,831	48,249
Washington	40,584	41,939	43,739	45,989	47,385	46,198	51,751
West Virginia	32,997	33,949	35,022	36,770	37,764	37,176	41,153
Wisconsin	36,549	37,565	38,822	40,599	41,482	40,726	45,165
Wyoming	39,446	39,662	40,890	42,372	43,115	42,556	47,832

Source: U.S. Bureau of Economic Analysis, Interactive Tables: SAEXP2 Per capita personal consumption expenditures (PCE) by state, 1997-2021

<<https://www.bea.gov/itable/iTable.cfm?ReqID=70&step=1#reqid=70&step=1&isuri=1>> accessed October 6, 2022. See also "Personal Consumption Expenditures, By State: 2021" (October 6, 2022)

<[https://www.bea.gov/sites/default/files/2022-10/pce1022\\_0\\_0.pdf](https://www.bea.gov/sites/default/files/2022-10/pce1022_0_0.pdf)> accessed October 6, 2022; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

**Table 13.40-- TOP WEALTHHOLDERS: 1962 TO 2019**

[Top wealthholders are defined as persons with a gross estate in excess of specified amounts.  
All figures are estimates based on estate tax return samples]

Group and year	Number of top wealth-holders	Millions of dollars		
		Total assets	Debts and mortgages	Net worth
Gross estate over \$60,000				
1962	11,323	1,908	231	1,677
1969	36,470	6,327	1,090	5,236
1972	53,700	7,866	1,369	6,497
Gross estate over \$120,000				
1976	39,000	7,436	1,546	5,890
Gross estate over \$325,000				
1982	20,300	14,767	3,523	11,244
Gross estate over \$500,000				
1982	8,700	10,864	2,919	7,946
1986	11,000	11,330	1,475	9,855
Gross estate over \$600,000				
1989	22,300	28,393	2,447	25,947
1992	32,280	39,198	3,543	35,655
1995	24,000	25,944	2,745	23,199
Gross estate over \$625,000				
1998	25,000	30,986	4,133	26,853
Gross estate over \$1 million				
1998 1/	7,000	21,163	1,745	19,418
2001 2/	13,000	33,729	4,342	29,387
Gross estate over \$1.5 million				
2004 2/	7,000	24,375	1,823	22,552
Gross estate over \$2.0 million				
2007 2/	7,000	78,954	3,353	75,601
Gross estate over \$5.0 million				
2013	826	13,379	313	13,066
Gross estate over \$5.45 million				
2016	956	14,014	677	13,337
Gross estate over \$11.4 million				
2019	272	12,128	236	11,892

Continued on next page.

## Table 13.40-- TOP WEALTHHOLDERS: 1962 TO 2019 -- Con.

1/ Number of wealthholders of debts and mortgages is 5,000.

2/ For 2001, 'Total assets', in \$1,000, were 'Financial assets' of \$16,124, 'All real estate' of \$15,928, and 'All other assets' of \$1,677; in 2004, \$11,903, \$10,647, and \$1,825; in 2007, \$59,625, \$14,136, and \$5,193; and in 2013, \$13,379, \$3,823, and \$3,715 respectively.

Source: U.S. Internal Revenue Service, *Statistics of Income -1962, Personal Wealth* (1967), pp. 55-56; *Statistics of Income -1969, Personal Wealth* (1973), pp. 57-58; *Statistics of Income- 1972, Personal Wealth Estimated from Estate Tax Returns* (1976), table 33; and *Statistics of Income Bulletin, Summer 1983*, pp. 1-26, *Spring 1988*, pp. 31-46; *Spring 1990*, pp. 63-78; *Spring 1993*, pp. 105-121; *Winter 1997-98*, and *Winter 1999-2000*, Table 6. Also, <[http://www.irs.ustreas.gov/prod/tax\\_stats/soi/soi\\_bul.html](http://www.irs.ustreas.gov/prod/tax_stats/soi/soi_bul.html)> and for 1995 <[http://www.irs.treas.gov/prod/tax\\_stats/soi/est\\_pw.html/95PWART.EXE](http://www.irs.treas.gov/prod/tax_stats/soi/est_pw.html/95PWART.EXE)> accessed July 26, 2002; and *Winter 2002-2003 Issue, Personal Wealth 1998*, table 6 <<http://www.irs.ustreas.gov/pub/irs-soi/98pwart.pdf>> accessed September 28, 2003 and IRS Tax Stats "Top Wealthholders with Net Worth of \$1 Million or more by State of Residence: 1998", table 7, and Ibid. 2001, Table 6 <<http://www.irs.gov/taxstats/article/0,,id=225455,00.html>> accessed September 18, 2006; Personal Wealth 2004, Table 6 <<http://www.irs.gov/taxstats/article/0,,id=225455,00.html>> accessed August 25, 2008; Personal Wealth 2007, Table 6 <<https://www.irs.gov/uac/soi-tax-stats-personal-wealth-statistics>> accessed March 5, 2012; Personal Wealth 2013, Table 6 <<https://www.irs.gov/uac/soi-tax-stats-personal-wealth-statistics>> accessed January 18, 2018; Personal Wealth 2016, Table 6 <<https://www.irs.gov/statistics/soi-tax-stats-top-wealthholders-by-state-of-residence>> accessed June 17, 2021; Personal Wealth 2019, Table 6 <<https://www.irs.gov/statistics/soi-tax-stats-personal-wealth-statistics>> accessed July 10, 2023; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

**Table 13.41--TOP WEALTHHOLDERS, FOR HAWAII AND THE UNITED STATES  
TOTAL: 2013, 2016, AND 2019**

[Data are estimates based on samples]

Category	Hawaii	United States	Hawaii as percent of U.S.
2013: Wealthholders above \$5.0 million			
Net worth: Number (1,000)	826	481,239	0.2
Amount (\$M.)	13,066	6,542,469	0.2
Total assets: Amount (\$M.)	13,379	6,852,453	0.2
Financial assets: Number (1,000)	826	475,622	0.2
Amount (\$M.)	5,841	4,289,063	0.1
All real estate: Number (1,000)	806	433,858	0.2
Amount (\$M.)	3,823	970,502	0.4
All other assets: Number (1,000)	799	450,420	0.2
Amount (\$M.)	3,715	1,592,888	0.2
2016: Wealthholders above \$5.45 million			
Net worth: Number (1,000)	956	582,823	0.2
Amount (\$M.)	13,337	8,864,341	0.2
Total assets: Number (1,000)	2,623	582,823	0.5
Amount (\$M.)	14,014	9,301,007	0.2
Financial assets: Number (1,000)	956	581,118	0.2
Amount (\$M.)	8,413	5,774,156	0.1
All real estate: Number (1,000)	901	502,735	0.2
Amount (\$M.)	3,942	1,224,670	0.3
All other assets: Number (1,000)	766	542,925	0.1
Amount (\$M.)	1,659	2,302,182	0.1
2019: Wealthholders above \$11.4 million			
Net worth: Number (1,000)	272	205,470	0.1
Amount (\$M.)	11,892	6,838,150	0.2
Gross assets: Number (1,000)	272	205,470	0.1
Amount (\$M.)	12,128	7,102,243	0.2
Financial assets: Number (1,000)	272	205,287	0.1
Amount (\$M.)	9,378	4,214,913	0.2
All real estate: Number (1,000)	262	180,965	0.1
Amount (\$M.)	425	766,110	0.1
All other assets: Number (1,000)	272	195,402	0.1
Amount (\$M.)	2,326	2,121,221	0.1

Source: U. S. Department of Treasury, Internal Revenue Service, IRS Tax Stats, Personal Wealth 2013, Table 6 <<https://www.irs.gov/uac/soi-tax-stats-personal-wealth-statistics>> accessed January 18, 2018; Personal Wealth 2016, Table 6 <<https://www.irs.gov/statistics/soi-tax-stats-top-wealthholders-by-state-of-residence>> accessed June 17, 2021; Personal Wealth 2019, Table 6 <<https://www.irs.gov/statistics/soi-tax-stats-personal-wealth-statistics>> accessed July 10, 2023; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

**Table 13.42-- NET WORTH OF RICHEST RESIDENTS: 2012 TO 2022**

Name	Residence	Age (yrs)	Net worth (million dollars)	Rank	Primary sources
2012 Omidyar, Pierre	Honolulu	45	8,200	42	Self made, launched Ebay on-line auction 1995, technology
2013 Omidyar, Pierre	Honolulu	46	8,500	47	Self made, launched Ebay on-line auction 1995, technology
2014 Omidyar, Pierre	Honolulu	47	8,200	59	Self made, launched Ebay on-line auction 1995, technology
2015 Omidyar, Pierre	Honolulu	48	8,400	57	Self made, launched Ebay on-line auction 1995, technology
2016 Omidyar, Pierre	Honolulu	49	8,100	54	Self made, launched Ebay on-line auction 1995, technology
2017 Omidyar, Pierre	Honolulu	50	9,600	1/ 48	Self made, launched Ebay on-line auction 1995, technology
2018 Omidyar, Pierre	Honolulu	51	11,600	38	Self made, launched Ebay on-line auction 1995, technology
2019 Omidyar, Pierre	Honolulu	52	13,001	36	eBay, PayPal
2020 Omidyar, Pierre	Honolulu	53	17,200	26	eBay, PayPal
2021 Ellison, Larry	Lanai	77	117,300	7	Software, self made
Omidyar, Pierre	Honolulu	54	25,300	26	eBay, PayPal, self made
2022 Ellison, Larry	Lanai	78	101,000	4	Software, self made
Omidyar, Pierre	Honolulu	55	9,900	65	eBay, PayPal, self made

1/ Tied with Jan Koum of Santa Clara, California whose 'Primary source' is listed as 'WhatsApp'.

Source: *Forbes*, "The Forbes 400 Richest Americans, 2012" <<http://www.forbes.com/400richest/>> accessed September 19, 2012; for 2013 accessed October 3, 2013; for 2014 accessed March 18, 2015; for 2015 accessed October 28, 2015; for 2016 accessed October 18, 2016; for 2017 accessed January 18, 2018; for 2018 accessed January 25, 2019; for 2019 <<http://www.forbes.com/wealth/forbes-400/list>> accessed January 23, 2020; for 2020 accessed June 21, 2021; and for 2021 <<http://www.forbes.com/wealth/forbes-400/list>> accessed July 2, 2022; and for 2022 <<http://www.forbes.com/wealth/forbes-400/list>> accessed January 10, 2023.

**Table 13.43-- HOUSEHOLD DEBT PER CAPITA FOR HAWAII AND THE UNITED STATES AVERAGE: 1999 TO 2022**

[Fourth quarter of the year indicated. Data subject to sampling variation. Population for per capita calculations are those ages 18 years and older and with credit file with Equifax]

Year	Total 1/	Auto loan	Credit card	Mortgage	Student loan	Population
Hawaii						
1999	35,400	1,050	2,810	26,870	420	871,060
2000	35,960	1,220	2,920	25,930	410	928,800
2001	34,680	1,410	3,080	24,940	540	972,040
2002	33,780	1,590	3,340	23,950	530	968,460
2003	40,700	1,990	3,330	31,730	730	982,360
2004	47,030	2,150	3,460	35,890	960	995,760
2005	51,810	2,400	3,480	39,870	1,090	1,013,460
2006	58,210	2,720	3,650	46,280	1,360	1,020,960
2007	65,040	2,560	4,030	52,570	1,500	1,020,540
2008	68,610	2,470	4,190	55,030	1,800	1,016,560
2009	68,320	2,200	3,930	55,300	2,020	1,016,220
2010	66,130	2,080	3,650	53,690	2,270	1,022,660
2011	66,540	2,390	3,580	53,110	2,350	1,019,300
2012	65,930	2,510	3,490	52,230	2,690	1,015,540
2013	64,670	2,630	3,290	51,060	2,920	1,057,500
2014	65,590	2,950	3,360	51,070	3,010	1,075,160
2015	67,010	3,330	3,460	51,770	3,150	1,082,720
2016	68,500	3,600	3,650	52,380	3,240	1,095,820
2017	71,170	3,650	3,860	54,680	3,530	1,103,340
2018	72,590	3,860	4,060	54,980	3,780	1,110,100
2019	74,230	3,920	4,290	56,160	3,780	1,120,800
2020	74,550	3,790	3,680	57,580	3,700	1,126,400
2021	77,410	3,970	3,750	60,600	3,770	1,135,640
2022	82,650	4,130	4,260	64,110	3,910	1,141,440
U. S. average 2/						
1999	22,860	1,830	2,370	15,870	530	213,710,272
2000	24,990	2,080	2,580	17,360	580	225,141,344
2001	25,830	2,340	2,720	17,670	720	235,396,400
2002	28,410	2,640	2,940	19,590	750	236,999,648
2003	33,430	2,960	2,960	23,740	1,060	238,403,344
2004	37,290	3,040	3,040	26,590	1,440	239,520,304
2005	40,650	3,240	3,060	29,230	1,610	243,048,144
2006	45,410	3,360	3,170	33,400	1,970	244,542,960
2007	50,170	3,360	3,490	37,250	2,250	243,167,856
2008	52,010	3,310	3,670	38,490	2,670	239,615,536
2009	49,820	3,030	3,370	36,810	3,010	239,480,736

Continued on next page.

**Table 13.43-- HOUSEHOLD DEBT PER CAPITA FOR HAWAII AND THE UNITED STATES AVERAGE: 1999 TO 2022 -- Con.**

Year	Total 1/	Auto loan	Credit card	Mortgage	Student loan	Population
U. S. average 2/ (con.)						
2010	47,410	2,950	3,050	35,010	3,370	240,969,936
2011	47,790	3,050	2,950	34,200	3,620	240,874,656
2012	47,020	3,270	2,850	33,230	4,000	240,765,728
2013	45,310	3,420	2,710	31,630	4,250	253,855,344
2014	45,710	3,720	2,730	31,520	4,490	257,980,096
2015	46,000	4,070	2,800	31,330	4,660	261,651,840
2016	46,950	4,340	2,930	31,590	4,920	266,229,200
2017	48,800	4,520	3,100	32,940	5,130	268,041,568
2018	50,090	4,700	3,220	33,680	5,390	269,495,872
2019	51,580	4,850	3,390	34,790	5,510	273,188,864
2020	52,500	4,960	2,970	36,170	5,580	275,695,296
2021	55,480	5,210	3,060	38,830	5,640	278,741,920
2022	59,580	5,470	3,480	41,830	5,640	282,686,016

1/ Includes components not shown separately.

2/ Data include Puerto Rico but exclude other U.S. Territories like Guam and the U.S. Virgin Islands, as well as certain other areas.

Source: Federal Reserve Bank of New York, "State Level Household Debt Statistics 1999-2016" (May 2017) accessed June 13, 2017; and *Ibid.* 2003-2022 (March 2023)

<[https://www.newyorkfed.org/medialibrary/Interactives/householdcredit/data/xls/area\\_report\\_by\\_year.xlsx](https://www.newyorkfed.org/medialibrary/Interactives/householdcredit/data/xls/area_report_by_year.xlsx)> accessed March 16, 2023.

**Table 13.44-- HOUSEHOLD DEBT DELINQUENCY PER CAPITA FOR HAWAII AND THE UNITED STATES AVERAGE: 1999 TO 2022**

[Fourth quarter of the year indicated. Data subject to sampling variation. Percent of category debt balance 90+ days delinquent. Population for per capita calculations are those ages 18 years and older and with credit file with Equifax]

Year	Auto loan delinquency	Credit card delinquency	Mortgage delinquency	Student loan delinquency
Hawaii				
1999	1.87	5.87	2.13	5.51
2000	2.34	5.50	1.52	8.27
2001	1.96	6.44	1.17	15.18
2002	1.82	7.83	0.75	8.08
2003	1.90	7.67	0.58	4.64
2004	2.08	7.44	0.42	6.32
2005	1.74	7.23	0.30	6.88
2006	1.53	7.63	0.67	6.78
2007	2.26	7.78	1.38	7.80
2008	2.97	7.87	3.34	7.36
2009	3.93	10.47	7.24	10.67
2010	4.39	11.78	6.67	12.89
2011	3.77	10.29	6.07	7.96
2012	3.69	9.63	5.66	11.17
2013	2.53	8.77	4.47	11.53
2014	2.42	6.34	3.39	11.03
2015	2.64	6.97	2.78	9.59
2016	2.68	6.02	1.57	9.98
2017	3.34	6.20	1.30	9.93
2018	3.71	6.24	1.09	9.15
2019	4.09	7.17	0.71	14.29
2020	4.08	8.40	0.54	10.81
2021	3.19	7.27	0.38	8.46
2022	2.88	6.48	0.44	0.91
U. S. average 1/				
1999	2.17	6.03	0.93	(NA)
2000	2.17	5.97	0.96	(NA)
2001	2.26	7.30	1.18	(NA)
2002	2.28	8.93	1.21	(NA)
2003	2.21	9.17	1.14	(NA)
2004	2.47	9.02	1.04	(NA)
2005	2.13	8.41	0.94	(NA)
2006	2.56	9.58	1.28	(NA)
2007	3.08	9.30	2.89	(NA)
2008	3.92	9.84	5.40	(NA)
2009	4.83	12.83	8.66	(NA)

Continued on next page.

**Table 13.44-- HOUSEHOLD DEBT DELINQUENCY PER CAPITA FOR HAWAII AND THE UNITED STATES AVERAGE: 1999 TO 2022 -- Con.**

Year	Auto loan delinquency	Credit card delinquency	Mortgage delinquency	Student loan delinquency
U. S. average 1/ (con.)				
2010	5.24	13.31	7.89	(NA)
2011	4.78	11.29	6.85	(NA)
2012	3.97	10.57	5.57	(NA)
2013	3.45	9.61	3.97	(NA)
2014	3.48	7.35	3.03	(NA)
2015	3.32	7.61	2.15	(NA)
2016	3.75	7.23	1.53	(NA)
2017	4.03	7.51	1.22	(NA)
2018	4.41	7.58	1.04	(NA)
2019	4.87	8.12	0.96	(NA)
2020	4.76	9.24	0.56	(NA)
2021	4.04	8.22	0.42	(NA)
2022	3.81	7.53	0.46	(NA)

NA Not available.

1/ Data include Puerto Rico but exclude other U.S. Territories such as Guam and the U.S. Virgin Islands, as well as certain other areas.

Source: Federal Reserve Bank of New York, "State Level Household Debt Statistics 1999-2016" (May 2017) accessed June 13, 2017; and *Ibid.* 2003-2022 (March 2023)

<[https://www.newyorkfed.org/medialibrary/Interactives/householdcredit/data/xls/area\\_report\\_by\\_year.xlsx](https://www.newyorkfed.org/medialibrary/Interactives/householdcredit/data/xls/area_report_by_year.xlsx)> accessed March 16, 2023.

**Table 13.45-- HOUSEHOLD DEBT PER CAPITA FOR EACH OF THE 50 STATES, THE DISTRICT OF COLUMBIA, AND THE UNITED STATES AVERAGE: 2022**

[For 2022 fourth quarter. Data subject to sampling variation. Population for per capita calculations are those ages 18 years and older and with credit file with Equifax]

State	Rank 1/	Total 2/	Auto loan	Credit card	Mortgage	Student loan
U. S. average 3/	Btw. 19-20	59,580	5,470	3,480	41,830	5,640
Dist. of Columbia	1	105,800	3,740	4,660	80,970	12,770
Colorado	2	89,170	5,410	3,940	69,750	6,280
California	3	84,730	5,260	3,870	67,980	4,700
<b>Hawaii</b>	<b>4</b>	<b>82,650</b>	<b>4,130</b>	<b>4,260</b>	<b>64,110</b>	<b>3,910</b>
Washington	5	82,300	4,850	3,750	65,490	4,350
Maryland	6	80,130	5,880	4,190	59,400	7,050
Utah	7	79,240	6,040	3,340	61,120	4,220
Massachusetts	8	74,260	4,150	3,770	56,370	6,360
Virginia	9	74,110	5,380	3,960	55,310	6,210
Alaska	10	67,670	5,660	4,430	50,310	3,910
Oregon	11	66,950	4,530	3,240	50,320	5,770
New Jersey	12	66,800	4,820	4,220	48,120	6,440
Nevada	13	66,020	6,030	3,860	48,750	4,670
Arizona	14	65,600	6,040	3,530	47,820	5,420
Connecticut	15	64,670	4,170	4,040	47,000	6,410
Idaho	16	64,140	5,520	3,060	46,260	4,840
New Hampshire	17	63,230	5,980	3,640	43,580	5,940
Minnesota	18	62,240	4,570	3,410	45,080	6,310
Delaware	19	61,490	5,600	3,590	43,030	6,440
Rhode Island	20	58,580	4,530	3,540	41,260	5,550
Georgia	21	57,570	6,360	3,630	36,680	7,690
Florida	22	56,600	6,370	3,940	37,710	5,300
New York	23	56,590	4,230	3,970	39,280	6,090
Montana	24	55,440	4,760	3,210	39,020	4,810
North Carolina	25	55,370	5,810	3,250	37,100	5,690
Texas	26	54,290	7,610	3,650	34,800	5,330
South Carolina	27	53,410	5,650	3,160	34,830	6,150
Wyoming	28	52,900	5,420	3,260	37,330	3,640
Illinois	29	52,580	4,740	3,490	35,850	6,050
North Dakota	30	51,360	5,930	3,410	33,250	5,470
Vermont	31	51,170	5,830	3,140	33,120	6,220
Tennessee	32	51,160	5,490	2,860	33,830	5,350

Continued on next page.

**Table 13.45-- HOUSEHOLD DEBT PER CAPITA FOR EACH OF THE 50 STATES, THE DISTRICT OF COLUMBIA, AND THE UNITED STATES AVERAGE: 2022 -- Con.**

State	Rank 1/	Total 2/	Auto loan	Credit card	Mortgage	Student loan
South Dakota	33	50,150	5,150	2,960	32,740	5,330
Maine	34	49,740	5,410	2,950	32,310	5,530
Pennsylvania	35	48,300	4,780	3,330	30,170	6,540
Nebraska	36	47,580	4,820	3,050	31,830	5,200
Wisconsin	37	46,790	4,410	2,820	31,820	4,950
New Mexico	38	46,710	6,310	2,870	30,610	4,100
Missouri	39	45,910	4,870	2,890	29,750	5,610
Indiana	40	45,860	5,150	2,780	29,510	5,180
Louisiana	41	45,830	6,710	2,880	27,030	5,940
Iowa	42	45,720	5,030	2,760	30,000	5,210
Michigan	43	45,620	4,780	2,980	28,920	6,070
Alabama	44	44,440	5,900	2,690	26,840	5,480
Ohio	45	44,210	5,180	2,970	26,760	6,320
Kansas	46	43,440	4,580	3,020	27,990	5,600
Kentucky	47	40,290	4,700	2,590	24,500	5,190
Oklahoma	48	39,830	6,000	2,830	23,730	4,690
Arkansas	49	39,150	5,980	2,670	22,810	4,920
Mississippi	50	38,130	5,990	2,450	19,650	6,160
West Virginia	51	34,210	5,840	2,540	18,640	4,590

1/ Rank of 1 is assigned to the highest total per capita household debt.

2/ Includes components not shown separately.

3/ Data include Puerto Rico but exclude other U.S. Territories such as Guam and the U.S. Virgin Islands, as well as certain other areas.

Source: Federal Reserve Bank of New York, "State Level Household Debt Statistics 2003-2022" (March 2023) <[https://www.newyorkfed.org/medialibrary/Interactives/householdcredit/data/xls/area\\_report\\_by\\_year.xlsx](https://www.newyorkfed.org/medialibrary/Interactives/householdcredit/data/xls/area_report_by_year.xlsx)> accessed March 16, 2023; and calculations by Hawaii State Department of Business, Economic Development & Tourism.