

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

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

Narrative

<a href="#">13.01</a>	Direct Income from Major Export Industries: 1990 to 2017
<a href="#">13.02</a>	Gross Domestic Product, Total and Per Capita and Resident Population: 1963 to 2018
<a href="#">13.03</a>	Gross Domestic Product, Hawaii and the United States: 1963 to 2018
<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: 1997 to 2018
<a href="#">13.06</a>	Gross Domestic Product, by NAICS Industry, in Constant 2009 Dollars: 1997 to 2018
<a href="#">13.07</a>	Total and Per Capita Personal Income for Hawaii and the United States: 1969 to 2018
<a href="#">13.08</a>	Total and Per Capita Disposable Personal Income for Hawaii and the United States: 1969 to 2018
<a href="#">13.09</a>	Personal Income by Major Source, by SIC Industry: 1950 to 2001
<a href="#">13.10</a>	Personal Income by Major Source, by NAICS Industry: 2015 to 2018
<a href="#">13.11</a>	Personal Income, Total and Per Capita, in Constant Dollars, by State: 2008 to 2017
<a href="#">13.12</a>	Personal Income, Total and Per Capita, and Population by County: 1969 to 2017
<a href="#">13.13</a>	Performance Rankings for Metropolitan Statistical Areas, Urban Honolulu and Provo-Orem, Utah: 2017 and 2018
<a href="#">13.14</a>	The New Economy Index, Rank and Score for the 50 States: 2002 to 2017
<a href="#">13.15</a>	The New Economy Index, Rank: 2010 to 2017
<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: 1949 to 2017
<a href="#">13.18</a>	Median Income of Four-Person Families in the United States and Hawaii: 2005 to 2017
<a href="#">13.19</a>	Median Money Income of Households, for Hawaii and the United States, in Current and Constant 2017 Dollars: 1984 to 2017
<a href="#">13.20</a>	Median Money Income of Households, for Hawaii and the United States, 2-Year Moving Averages in Constant 2017 Dollars: 1984 to 2017
<a href="#">13.21</a>	Median Money Income of Households, for Hawaii and the United States, 3-Year Moving Averages in Constant 2017 Dollars: 1984 to 2017

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

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

<a href="#">13.22</a>	Median Income of Households, Families and Percent of Families and Persons Below Poverty Level, for Counties and Selected Census Designated Place: 2013-2017
<a href="#">13.23</a>	Estimated Median Household Income and Poverty Status, by County: 2015 to 2017
<a href="#">13.24</a>	Income of Households and Families: 2015 to 2017
<a href="#">13.25</a>	Income Type and Per Capita Income, by County: 2012-2016 and 2013-2017
<a href="#">13.26</a>	Poverty Status of Persons: 1980 to 2017
<a href="#">13.27</a>	Poverty Status, for the State and by County: 2013-2017
<a href="#">13.28</a>	Poverty Income Guidelines for Hawaii, the 48 Contiguous States and Alaska, 2010 to 2019
<a href="#">13.29</a>	Average Annual Expenditures and Other Characteristics of Consumer Units, for Honolulu: 2000-2001 to 2004-2005
<a href="#">13.30</a>	Average Annual Expenditures and Other Characteristics of Consumer Units, for Selected Western Metropolitan Statistical Areas: 2004-2005
<a href="#">13.31</a>	Average Annual Expenditures and Other Characteristics of Consumer Units, for Selected Western Metropolitan Statistical Areas: 2016-2017
<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 Share of Total, by County: 2014
<a href="#">13.37</a>	Personal Consumption Expenditures, by Major Type of Product: 2010 to 2017
<a href="#">13.38</a>	Personal Consumption Expenditures Per Capita, by Major Type of Product: 2010 to 2017
<a href="#">13.39</a>	Personal Consumption Expenditures Per Capita for the United States Average, the 50 States and the District of Columbia: 2010 to 2017
<a href="#">13.40</a>	Top Wealthholders: 1962 to 2013
<a href="#">13.41</a>	Top Wealthholders with Net Worth of \$1.5 Million or More, Net Worth and Selected Assets, U.S. and Hawaii: 2004, 2007, and 2013
<a href="#">13.42</a>	Net Worth of Richest Residents: 2006 to 2018
<a href="#">13.43</a>	Household Debt Per Capita for Hawaii and the United States Average: 1999 to 2018
<a href="#">13.44</a>	Household Debt Delinquency Per Capita for Hawaii and the United States Average: 1999 to 2018
<a href="#">13.45</a>	Household Debt Per Capita for Each of the 50 States, the District of Columbia, Puerto Rico, and the United States Average: 2018

## 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; and USDA, NASS, Hawaii Field Office, and 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.

**Table 13.01-- DIRECT INCOME FROM MAJOR EXPORT INDUSTRIES:  
1990 TO 2017**

[In millions of dollars]

Year	Value of production		Defense expenditures 2/	Visitor expenditures 3/
	Raw sugar and molasses 1/	Fresh & processed pineapple		
1990	328.9	215.9	2,713.1	8,825.9
1991	270.7	224.6	3,078.7	9,142.6
1992	237.6	197.7	3,063.5	8,754.5
1993	251.9	140.6	3,127.5	7,928.6
1994	247.9	134.1	3,403.8	9,677.0
1995	200.2	135.0	3,087.5	10,207.9
1996	168.8	147.0	3,436.0	9,709.3
1997	132.5	136.7	3,407.8	10,249.4
1998	133.1	145.1	3,609.8	10,058.8
1999	131.3	144.8	3,577.5	10,005.1
2000	95.9	132.2	3,722.8	10,590.1
2001	90.6	136.6	3,991.9	9,061.3
2002	100.3	144.0	4,304.8	9,608.9
2003	99.0	142.9	4,842.1	10,054.5
2004	94.1	123.2	4,761.3	10,861.8
2005	92.5	113.4	5,015.3	11,904.0
2006	79.7	(NA)	5,379.2	12,491.6
2007	76.3	(NA)	5,466.7	12,811.1
2008	71.4	(NA)	6,107.2	11,398.5
2009	73.6	(NA)	8,319.7	9,993.2
2010	109.6	(NA)	9,995.0	11,066.3
2011	125.2	(NA)	(NA)	12,158.2
2012	(NA)	(NA)	(NA)	14,364.8
2013	(NA)	(NA)	(NA)	14,520.5
2014	(NA)	(NA)	(NA)	14,973.3
2015	(NA)	(NA)	(NA)	15,110.9
2016	(NA)	(NA)	(NA)	15,911.2
2017	(NA)	(NA)	(NA)	16,809.4

NA Not available.

1/ Excludes government sugar support payments.

2/ Fiscal year ending September 30.

3/ Direct visitor expenditures in Hawaii, exclusive of transpacific transportation. Includes additional business expenditures by MCI (meetings, conventions, and incentive) visitors. As first shown in *Data Book 2002*, 1998 implemented a revised methodology for visitor expenditures.

Source: USDA, NASS, Hawaii Field Office, *Statistics of Hawaii Agriculture* (annual), records, and for 2008 to 2011 <[http://www.nass.usda.gov/Statistics\\_by\\_State/Hawaii/Publications/Annual\\_Statistical\\_Bulletin/index.asp](http://www.nass.usda.gov/Statistics_by_State/Hawaii/Publications/Annual_Statistical_Bulletin/index.asp)> accessed July 30, 2013; Hawaii State Department of Business, Economic Development & Tourism, *Annual Visitor Research Report* (annual) <<http://www.hawaiiauthority.org/>> accessed January 16, 2019 and records; Hawaii Tourism Authority, Tourism Research; and U.S. Census Bureau, *Consolidated Federal Funds Report* (annual) and for 1993-2010 <<http://www.census.gov/govs/cffr/>> accessed July 14, 2012 and records.

**Table 13.02-- GROSS DOMESTIC PRODUCT, TOTAL AND PER CAPITA  
AND RESIDENT POPULATION: 1963 TO 2018**

[The Standard Industrial Classification (SIC) 1972 is the basis for 1963-1986 and the 1987 for 1987-1997. The North American Industry Classification System (NAICS) 2012 is the basis for 1997 to 2017. Gross Domestic Product 1998 to 2017 and population and per capita estimates 2010 to 2017 are revised from previous *Data Book*]

Year and category	Gross domestic product		Per capita gross domestic product		Resident population 2/
	Millions of current dollars	Millions of chained 1997 dollars 1/	Current dollars 2/	Chained 1997 dollars 1/	
SIC 3/					
1963	2,367	(NA)	3,471	(NA)	682,000
1964	2,571	(NA)	3,673	(NA)	700,000
1965	2,849	(NA)	4,047	(NA)	704,000
1966	3,110	(NA)	4,380	(NA)	710,000
1967	3,307	(NA)	4,574	(NA)	723,000
1968	3,722	(NA)	5,071	(NA)	734,000
1969	4,262	(NA)	5,736	(NA)	743,000
1970	4,813	(NA)	6,309	(NA)	762,920
1971	5,188	(NA)	6,554	(NA)	791,580
1972	5,624	(NA)	6,874	(NA)	818,104
1973	6,353	(NA)	7,546	(NA)	841,851
1974	7,143	(NA)	8,324	(NA)	858,121
1975	8,173	(NA)	9,340	(NA)	875,052
1976	8,526	(NA)	9,555	(NA)	892,335
1977	9,441	23,680	10,310	25,859	915,749
1978	10,508	24,605	11,313	26,491	928,816
1979	11,869	25,849	12,493	27,208	950,050
1980	13,380	26,760	13,826	27,653	967,710
1981	14,640	26,654	14,966	27,248	978,195
1982	15,740	26,867	15,839	27,035	993,780
1983	17,260	27,932	17,043	27,581	1,012,717
1984	19,132	28,979	18,612	28,192	1,027,922
1985	20,722	29,973	19,931	28,829	1,039,698
1986	22,437	30,989	21,333	29,464	1,051,762
1987	24,273	32,376	22,729	30,317	1,067,917
1988	26,799	34,587	24,818	32,030	1,079,827
1989	29,427	36,643	26,884	33,476	1,094,588
1990	32,534	39,176	29,218	35,183	1,113,491
1991	34,357	39,756	30,224	34,973	1,136,754
1992	36,129	40,834	31,183	35,244	1,158,613
1993	36,732	40,152	31,319	34,235	1,172,838
1994	37,395	40,062	31,490	33,735	1,187,536
1995	37,763	39,552	31,552	33,047	1,196,854
1996	38,125	39,132	31,672	32,509	1,203,755
1997	39,064	39,064	32,241	32,241	1,211,640

Continued on next page.

**Table 13.02-- GROSS DOMESTIC PRODUCT, TOTAL AND PER CAPITA  
AND RESIDENT POPULATION: 1963 TO 2018 -- Con.**

Year and category	Gross domestic product		Per capita gross domestic product		Resident population 2/
	Millions of current dollars	Millions of chained 2012 dollars 1/	Current dollars 2/	Chained 2012 dollars 1/	
NAICS 3/					
1997	37,655	55,679	31,078	45,953	1,211,640
1998	37,624	54,360	30,961	44,732	1,215,233
1999	39,250	55,182	32,430	45,594	1,210,300
2000	41,500	56,417	34,198	46,491	1,213,519
2001	42,894	56,019	34,989	45,695	1,225,948
2002	45,447	57,912	36,662	46,718	1,239,613
2003	48,929	60,838	39,107	48,626	1,251,154
2004	53,762	64,928	42,213	50,981	1,273,569
2005	58,668	68,566	45,383	53,039	1,292,729
2006	62,365	70,403	47,617	53,754	1,309,731
2007	65,234	71,192	49,582	54,110	1,315,675
2008	66,865	71,689	50,191	53,812	1,332,213
2009	65,692	69,095	48,779	51,306	1,346,717
2010	68,197	71,007	49,999	52,059	1,363,963
2011	70,483	72,080	51,102	52,260	1,379,252
2012	73,583	73,583	52,751	52,751	1,394,905
2013	75,788	74,278	53,810	52,737	1,408,453
2014	77,973	74,504	55,110	52,658	1,414,862
2015	82,751	77,023	58,174	54,146	1,422,484
2016	85,867	78,757	60,126	55,148	1,428,105
2017	89,044	79,998	62,522	56,170	1,424,203
2018	92,027	80,798	64,785	56,880	1,420,491

NA Not available.

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 estimate. Per capita real GDP statistics for 2010-2018 reflect Census Bureau midyear population estimates available as of December 2018. These were used to calculate the current dollar per capita GDP.

3/ There is a discontinuity in the GDP time series at 1997, where the data change from Standard Industrial Classification (SIC) industry definitions to North American Industry Classification System (NAICS) industry definitions. This discontinuity results from many sources, including differences in source data and different estimation methodologies. This data discontinuity may affect both the levels and the growth rates of the GDP estimates. Users of the GDP estimates are strongly cautioned against appending the two data series in an attempt to construct a single time series of GDP estimates for 1963 to 2015.

Source: U.S. Bureau of Economic Analysis, Gross Domestic Product by State (May 1, 2019) <<https://apps.bea.gov/iTable/iTable.cfm?acrdn=6&isuri=1&reqid=70&step=1#reqid=70&step=1&isuri=1>> accessed June 6, 2019; Ibid. SAINC1 Personal Income Summary: Personal Income, Population, Per Capita Personal Income" (March 26, 2019) <<https://apps.bea.gov/iTable/iTable.cfm?acrdn=6&isuri=1&reqid=70&step=1#reqid=70&step=1&isuri=1>> accessed June 6, 2019; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

**Table 13.03-- GROSS DOMESTIC PRODUCT, HAWAII AND THE UNITED STATES: 1963 TO 2018**

[The Standard Industrial Classification (SIC) 1972 is the basis for 1963-1986 and the 1987 for 1987-1997. The North American Industry Classification System (NAICS) 2012 is the basis for 1997 to 2017. 1997 to 2017 estimates are revised from previous *Data Book*]

Year and category	Hawaii			United States		
	Millions of dollars		Chained quantity index 1/ (1997=100)	Millions of dollars		Chained quantity index 1/ (1997=100)
	Current	Real 1/ (chained 1997 dollars)		Current	Real 1/ (chained 1997 dollars)	
SIC 2/						
1963	2,367	(NA)	(NA)	607,008	(NA)	(NA)
1964	2,572	(NA)	(NA)	650,513	(NA)	(NA)
1965	2,849	(NA)	(NA)	704,697	(NA)	(NA)
1966	3,110	(NA)	(NA)	767,075	(NA)	(NA)
1967	3,307	(NA)	(NA)	811,782	(NA)	(NA)
1968	3,722	(NA)	(NA)	887,569	(NA)	(NA)
1969	4,262	(NA)	(NA)	962,902	(NA)	(NA)
1970	4,813	(NA)	(NA)	1,012,299	(NA)	(NA)
1971	5,188	(NA)	(NA)	1,097,173	(NA)	(NA)
1972	5,624	(NA)	(NA)	1,210,292	(NA)	(NA)
1973	6,353	(NA)	(NA)	1,356,500	(NA)	(NA)
1974	7,143	(NA)	(NA)	1,472,024	(NA)	(NA)
1975	8,173	(NA)	(NA)	1,602,228	(NA)	(NA)
1976	8,526	(NA)	(NA)	1,780,497	(NA)	(NA)
1977	9,441	23,680	60.618	1,986,408	4,524,026	54.609
1978	10,509	24,605	62.986	2,243,230	4,765,699	57.526
1979	11,869	25,849	66.170	2,489,417	4,909,210	59.258
1980	13,380	26,760	68.503	2,713,933	4,908,867	59.254
1981	14,640	26,654	68.231	3,057,318	5,042,118	60.863
1982	15,740	26,867	68.777	3,211,370	4,977,350	60.081
1983	17,260	27,932	71.502	3,445,372	5,120,074	61.804
1984	19,132	28,979	74.183	3,853,668	5,485,271	66.212
1985	20,722	29,973	76.728	4,126,664	5,704,145	68.854
1986	22,437	30,989	79.329	4,340,813	5,826,832	70.335
1987	24,273	32,376	82.879	4,649,020	6,076,695	73.351
1988	26,799	34,587	88.539	5,053,003	6,398,624	77.237
1989	29,427	36,643	93.802	5,366,080	6,540,047	78.944
1990	32,534	39,176	100.286	5,651,747	6,638,210	80.129
1991	34,357	39,756	101.770	5,842,665	6,627,809	80.003
1992	36,130	40,834	104.532	6,167,644	6,828,525	82.426
1993	36,732	40,152	102.786	6,467,698	6,967,716	84.106
1994	37,395	40,062	102.554	6,912,844	7,288,327	87.976
1995	37,763	39,552	101.249	7,299,372	7,539,096	91.003
1996	38,125	39,132	100.175	7,749,965	7,871,721	95.018
1997	39,064	39,064	100.000	8,284,432	8,284,432	100.000

Continued on next page.

**Table 13.03-- GROSS DOMESTIC PRODUCT, HAWAII AND THE UNITED STATES: 1963 TO 2018 -- Con.**

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)	
NAICS 2/						
1997	37,655	55,679	75.668	8,577,552	11,521,938	71.136
1998	37,624	54,360	73.876	9,062,817	12,038,283	74.324
1999	39,250	55,182	74.993	9,630,663	12,610,491	77.857
2000	41,500	56,417	76.672	10,252,347	13,130,987	81.070
2001	42,894	56,019	76.131	10,581,822	13,262,079	81.880
2002	45,447	57,912	78.703	10,936,418	13,493,064	83.306
2003	48,929	60,838	82.680	11,458,246	13,879,129	85.689
2004	53,762	64,928	88.238	12,213,730	14,406,382	88.945
2005	58,668	68,566	93.182	13,036,637	14,912,509	92.070
2006	62,365	70,403	95.679	13,814,609	15,338,257	94.698
2007	65,234	71,192	96.751	14,451,860	15,626,029	96.475
2008	66,865	71,689	97.427	14,712,845	15,604,687	96.343
2009	65,692	69,095	93.901	14,448,932	15,208,834	93.899
2010	68,197	71,007	96.499	14,992,052	15,598,753	96.306
2011	70,483	72,080	97.958	15,542,582	15,840,664	97.800
2012	73,583	73,583	100.000	16,197,007	16,197,007	100.000
2013	75,788	74,278	100.944	16,784,851	16,495,369	101.842
2014	77,973	74,504	101.253	17,521,747	16,899,831	104.339
2015	82,751	77,023	104.675	18,219,297	17,386,700	107.345
2016	85,867	78,757	107.032	18,707,189	17,659,187	109.027
2017	89,044	79,998	108.718	19,485,394	18,050,693	111.445
2018	92,027	80,798	109.806	20,494,079	18,566,442	114.629

NA Not available.

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/ There is a discontinuity in the GDP time series at 1997, where the data change from Standard Industrial Classification (SIC) industry definitions to North American Industry Classification System (NAICS) industry definitions. This discontinuity results from many sources, including differences in source data and different estimation methodologies. This data discontinuity may affect both the levels and the growth rates of the GDP estimates. Users of the GDP estimates are strongly cautioned against appending the two data series in an attempt to construct a single time series of GDP estimates for 1963 to 2018.

Source: U.S. Bureau of Economic Analysis, Gross Domestic Product by State (May 1, 2019)  
<https://apps.bea.gov/itable/iTable.cfm?ReqID=70&step=1#reqid=70&step=1&isuri=1> accessed May 1, 2019.

**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 2017 estimates on May 6, 2019 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: 1997 TO 2018**

[In millions of current dollars. GDP estimates for 1997 to 2018 are on the 2012 North American Industry Classification System (NAICS) basis. 1997 to 2017 are revised from previous *Data Book*. See previous table for 1977 to 1997 on an SIC basis]

Industry	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Total, all industries	37,655	37,624	39,250	41,500	42,894	45,447	48,929	53,762	58,668	62,365	65,234
Private industries	29,895	29,648	30,833	32,906	33,960	35,740	38,451	42,482	46,658	49,609	51,864
Agri., forestry, fish., & hunt	334	332	358	355	352	378	409	422	421	435	414
Mining	35	35	40	42	39	34	39	42	42	64	93
Utilities	867	793	864	917	898	826	911	1,029	1,054	1,253	1,281
Construction	1,673	1,647	1,678	1,944	2,065	2,261	2,624	3,022	3,834	4,208	4,736
Manufacturing	759	724	802	827	928	980	1,084	1,059	1,142	1,185	1,205
Wholesale trade	1,465	1,463	1,479	1,541	1,591	1,632	1,735	1,833	1,951	1,992	2,105
Retail trade	3,115	3,077	3,096	3,260	3,421	3,467	3,827	4,115	4,428	4,569	4,598
Trans. & warehousing	2,163	2,038	2,022	2,011	1,841	1,860	2,041	2,379	2,723	3,002	2,962
Information	1,135	1,091	1,100	1,119	1,151	1,260	1,230	1,492	1,551	1,695	1,841
Finance and insurance	1,309	1,345	1,399	1,614	1,598	1,869	1,936	2,100	2,219	2,229	2,310
Real estate, rental, & leasing	6,374	6,392	6,813	7,134	7,471	7,660	8,161	9,234	10,636	11,221	12,035
Prof., scientific & tech. serv.	1,501	1,402	1,439	1,540	1,775	2,007	2,133	2,261	2,459	2,674	2,839
Mgt of companies & enterprises	389	418	405	418	495	585	626	821	741	745	772
Administrative & waste services	982	976	1,043	1,157	1,290	1,416	1,590	1,684	1,719	1,875	1,943
Educational services	408	400	417	455	468	476	541	593	615	651	684
Health care & social assistance	2,346	2,283	2,357	2,497	2,673	2,802	2,998	3,204	3,413	3,583	3,746
Arts, entertainment, & recreation	3,892	4,052	4,305	4,781	4,641	4,877	5,224	5,803	6,227	6,638	6,695
Accommodation & food services	3,371	3,545	3,792	4,234	4,111	4,318	4,638	5,209	5,627	6,027	6,015
Accommodation	2,368	2,510	2,673	3,020	2,866	2,986	3,176	3,597	3,911	4,217	4,166
Food serv. & drinking places	1,003	1,035	1,119	1,213	1,246	1,333	1,462	1,612	1,717	1,810	1,850
Other services, exc. gov't	1,147	1,180	1,216	1,294	1,264	1,351	1,343	1,391	1,480	1,592	1,604
Government	7,760	7,976	8,417	8,594	8,934	9,707	10,478	11,279	12,010	12,756	13,370
Federal civilian	1,903	2,014	2,079	2,236	2,285	2,489	2,683	2,781	2,907	3,045	3,181
Federal military	2,265	2,282	2,299	2,390	2,590	2,862	3,201	3,537	3,883	4,198	4,484
State & local	3,592	3,681	4,039	3,968	4,059	4,357	4,594	4,961	5,221	5,512	5,705

Continued on next page.

**Table 13.05-- GROSS DOMESTIC PRODUCT, BY NAICS INDUSTRY: 1997 TO 2018 -- Con.**

Industry	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Total, all industries	66,865	65,692	68,197	70,483	73,583	75,788	77,973	82,751	85,867	89,044	92,027
Private industries	52,699	51,091	53,085	54,707	57,485	59,611	61,113	65,454	68,265	71,235	74,045
Agri., forestry, fish., & hunt	431	457	480	559	536	519	487	499	472	433	406
Mining	98	104	87	70	70	63	61	64	75	63	72
Utilities	1,450	1,427	1,691	1,964	2,038	2,048	2,078	1,854	1,788	1,850	1,937
Construction	4,631	4,194	3,683	3,538	3,639	3,708	3,972	4,670	5,265	5,115	5,230
Manufacturing	1,371	1,327	1,260	1,353	1,426	1,541	1,671	1,654	1,577	1,747	1,865
Wholesale trade	2,197	2,074	2,143	2,239	2,344	2,455	2,518	2,673	2,652	2,781	2,827
Retail trade	4,473	4,310	4,480	4,814	5,098	5,257	5,276	5,493	5,561	5,807	6,068
Trans. & warehousing	2,713	2,723	3,181	3,103	3,398	3,613	3,766	4,224	4,582	5,027	5,156
Information	1,757	1,750	1,933	1,584	1,534	1,694	1,652	1,804	1,826	1,879	2,037
Finance and insurance	2,206	2,081	2,082	2,262	2,394	2,254	2,650	2,882	2,843	2,843	2,865
Real estate, rental, & leasing	12,679	12,631	13,482	13,666	14,321	14,705	14,690	16,197	17,509	18,304	19,242
Prof., scientific & tech. serv.	3,086	2,977	2,981	3,115	3,180	3,207	3,288	3,382	3,394	3,571	3,712
Mgt of companies & enterprises	761	718	750	794	887	985	992	1,013	1,054	1,088	1,115
Administrative & waste services	2,040	1,990	2,200	2,325	2,434	2,568	2,706	2,828	2,950	3,057	3,183
Educational services	768	844	871	893	931	921	923	919	936	940	952
Health care & social assistance	4,085	4,319	4,409	4,570	4,705	4,896	5,065	5,368	5,600	5,913	6,229
Arts, entertainment, & recreation	6,347	5,618	5,797	6,244	6,903	7,485	7,550	8,088	8,275	8,821	9,062
Accommodation & food services	5,594	4,847	5,090	5,546	6,137	6,587	6,606	7,147	7,380	7,790	8,024
Accommodation	3,764	2,991	3,179	3,548	4,018	4,316	4,191	4,495	4,554	4,756	(NA)
Food serv. & drinking places	1,829	1,855	1,910	1,997	2,119	2,272	2,415	2,652	2,826	3,033	(NA)
Other services, exc. gov't	1,607	1,548	1,575	1,613	1,649	1,693	1,769	1,843	1,908	1,999	2,086
Government	14,166	14,601	15,112	15,776	16,097	16,177	16,860	17,297	17,602	17,808	17,982
Federal civilian	3,273	3,475	3,766	3,997	4,099	3,957	4,085	4,213	4,356	4,475	(NA)
Federal military	4,850	5,014	5,213	5,373	5,452	5,329	5,368	5,524	5,316	5,205	(NA)
State & local	6,042	6,111	6,132	6,405	6,547	6,892	7,408	7,560	7,930	8,128	(NA)

NA Not available.

Source: U.S. Bureau of Economic Analysis, Gross Domestic Product By State 1963 to 2018 (May 1, 2019)

<<https://www.bea.gov/itable/iTable.cfm?ReqID=70&step=1>> accessed June 17, 2019.

**Table 13.06-- GROSS DOMESTIC PRODUCT, BY NAICS INDUSTRY, IN CONSTANT DOLLARS: 1997 TO 2018**

[In millions of chained 2012 dollars. GDP estimates for 1997 to 2018 are on the 2012 North American Industry Classification System (NAICS) basis. 1997 to 2017 are revised from previous *Data Book*. See earlier table for 1977 to 1997 on an SIC basis]

Industry	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Total, all industries	55,679	54,360	55,182	56,417	56,019	57,912	60,838	64,928	68,566	70,403	71,192
Private industries	43,046	41,728	42,322	43,675	43,270	44,661	47,151	50,726	54,000	55,540	56,222
Agri., forestry, fishing, & hunting	437	463	559	603	558	651	633	559	656	711	509
Mining	101	108	129	136	125	103	111	101	80	103	137
Utilities	1,169	1,070	1,236	1,328	1,066	1,037	1,078	1,194	1,166	1,286	1,312
Construction	3,407	3,135	3,025	3,301	3,257	3,400	3,769	4,038	4,617	4,638	4,930
Manufacturing	1,393	1,307	1,387	1,386	1,508	1,633	1,721	1,631	1,562	1,549	1,542
Wholesale trade	1,884	1,934	1,950	2,002	2,137	2,218	2,379	2,411	2,477	2,418	2,499
Retail trade	3,753	3,758	3,766	3,902	4,099	4,200	4,639	4,908	5,160	5,185	5,053
Trans. & warehousing	3,493	3,162	2,969	2,555	2,035	1,977	2,163	2,587	3,027	3,318	3,298
Information	959	928	946	978	1,002	1,100	1,079	1,329	1,433	1,605	1,768
Finance and insurance	1,567	1,604	1,697	1,926	1,887	2,155	2,161	2,283	2,376	2,345	2,400
Real estate, rental, & leasing	8,706	8,524	8,806	8,953	9,091	8,973	9,379	10,387	11,718	12,025	12,644
Prof., scientific & tech. services	2,209	1,993	1,967	2,027	2,275	2,522	2,615	2,679	2,808	2,949	3,024
Mgt of companies & enterprises	795	788	717	677	824	956	997	1,126	963	896	832
Administrative & waste services	1,309	1,258	1,300	1,386	1,497	1,608	1,813	1,873	1,891	2,007	2,037
Educational services	754	704	700	728	721	703	764	803	794	802	808
Health care & social assistance	3,499	3,289	3,316	3,440	3,500	3,559	3,717	3,888	4,048	4,158	4,169
Arts, entertainment, & recreation	802	754	729	750	701	720	732	725	709	700	750
Accommodation & food services	5,361	5,396	5,521	5,999	5,526	5,692	6,057	6,694	6,858	7,082	6,695
Accommodation	3,640	3,681	3,733	4,097	3,680	3,796	4,014	4,485	4,578	4,749	4,429
Food serv. & drinking places	1,687	1,678	1,756	1,861	1,821	1,869	2,017	2,176	2,247	2,296	2,240
Other services, exc. gov't	2,004	1,988	1,967	1,995	1,851	1,894	1,836	1,841	1,887	1,949	1,887
Government	12,665	12,704	12,937	12,772	12,791	13,302	13,721	14,214	14,555	14,848	14,952
Federal civilian	3,030	3,153	3,159	3,293	3,269	3,377	3,442	3,447	3,459	3,486	3,511
Federal military	3,607	3,572	3,492	3,521	3,704	3,884	4,106	4,384	4,621	4,806	4,948
State & local	6,047	5,996	6,309	5,975	5,833	6,056	6,187	6,397	6,486	6,566	6,499

Continued on next page.

**Table 13.06-- GROSS DOMESTIC PRODUCT, BY NAICS INDUSTRY, IN CONSTANT DOLLARS:  
1997 TO 2018 -- Con.**

Industry	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Total, all industries	71,689	69,095	71,007	72,080	73,583	74,278	74,504	77,023	78,757	79,998	80,798
Private industries	56,263	53,628	55,410	56,086	57,485	58,467	58,463	61,000	62,606	63,966	64,874
Agri., forestry, fishing, & hunting	529	721	648	577	536	504	511	622	677	575	534
Mining	126	125	94	69	70	70	69	80	95	78	86
Utilities	1,501	1,311	1,612	1,886	2,038	1,978	1,847	1,633	1,634	1,647	1,695
Construction	4,797	4,279	3,840	3,634	3,639	3,580	3,587	4,024	4,371	4,083	3,997
Manufacturing	1,770	1,758	1,536	1,445	1,426	1,590	1,712	1,698	1,775	1,813	1,762
Wholesale trade	2,527	2,224	2,285	2,312	2,344	2,408	2,455	2,584	2,546	2,640	2,638
Retail trade	4,850	4,590	4,736	4,979	5,098	5,187	5,152	5,284	5,393	5,668	5,904
Trans. & warehousing	3,009	3,011	3,409	3,288	3,398	3,529	3,498	3,662	3,932	4,281	4,314
Information	1,716	1,718	1,920	1,586	1,534	1,693	1,665	1,877	1,935	2,043	2,252
Finance and insurance	2,306	2,290	2,196	2,350	2,394	2,179	2,447	2,578	2,425	2,359	2,241
Real estate, rental, & leasing	13,112	12,820	13,812	13,884	14,321	14,440	14,094	15,066	15,868	16,153	16,556
Prof., scientific & tech. services	3,225	3,087	3,068	3,160	3,180	3,159	3,216	3,234	3,224	3,332	3,418
Mgt of companies & enterprises	809	738	762	802	887	977	1,006	1,007	1,049	1,088	1,116
Administrative & waste services	2,102	2,008	2,235	2,351	2,434	2,526	2,607	2,645	2,671	2,722	2,787
Educational services	872	924	929	925	931	892	870	843	836	817	811
Health care & social assistance	4,455	4,566	4,556	4,658	4,705	4,837	4,952	5,181	5,288	5,484	5,689
Arts, entertainment, & recreation	809	808	742	723	766	884	910	872	802	912	897
Accommodation & food services	6,006	5,118	5,391	5,801	6,137	6,403	6,217	6,464	6,436	6,612	6,570
Accommodation	3,886	3,137	3,370	3,701	4,018	4,201	3,934	4,080	4,004	4,079	(NA)
Food serv. & drinking places	2,109	1,982	2,021	2,101	2,119	2,202	2,284	2,384	2,431	2,532	(NA)
Other services, exc. gov't	1,822	1,672	1,661	1,660	1,649	1,641	1,668	1,679	1,686	1,715	1,739
Government	15,417	15,467	15,597	15,994	16,097	15,812	16,041	16,026	16,155	16,034	15,926
Federal civilian	3,530	3,668	3,869	4,027	4,099	3,920	3,953	3,992	4,092	4,131	(NA)
Federal military	5,230	5,292	5,355	5,412	5,452	5,280	5,194	5,234	4,994	4,805	(NA)
State & local	6,662	6,509	6,374	6,555	6,547	6,609	6,885	6,794	7,052	7,078	(NA)

NA Not available.

Source: U.S. Bureau of Economic Analysis, Gross Domestic Product By State 1997 to 2018 (May 1, 2019)

<<https://www.bea.gov/itable/iTable.cfm?ReqID=70&step=1>> accessed June 17, 2019.

**Table 13.07-- TOTAL AND PER CAPITA PERSONAL INCOME FOR HAWAII AND THE UNITED STATES: 1969 TO 2018**

[Hawaii and the U.S. personal income, per capita personal income and Hawaii as percent of U.S. average for 1969 to 2016 and population for 2010 to 2016 revised from previous *Data Book*. 2018 data are preliminary]

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	32,703	7,601,594	1,215,233	275,854,104	26,911	27,557	97.7
1999	33,864	8,001,563	1,210,300	279,040,168	27,980	28,675	97.6
2000	35,852	8,650,325	1,213,519	282,162,411	29,544	30,657	96.4

Continued on next page.

**Table 13.07-- TOTAL AND PER CAPITA PERSONAL INCOME FOR HAWAII AND THE UNITED STATES: 1969 TO 2018 -- 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	37,355	9,001,839	1,225,948	284,968,955	30,470	31,589	96.5
2002	39,012	9,155,663	1,239,613	287,625,193	31,471	31,832	98.9
2003	40,852	9,480,901	1,251,154	290,107,933	32,652	32,681	99.9
2004	44,055	10,028,781	1,273,569	292,805,298	34,592	34,251	101.0
2005	47,360	10,593,946	1,292,729	295,516,599	36,635	35,849	102.2
2006	50,774	11,372,589	1,309,731	298,379,912	38,766	38,114	101.7
2007	53,520	12,002,204	1,315,675	301,231,207	40,679	39,844	102.1
2008	56,166	12,438,527	1,332,213	304,093,966	42,160	40,904	103.1
2009	56,013	12,051,307	1,346,717	306,771,529	41,593	39,284	105.9
2010	57,101	12,541,995	1,363,963	309,326,085	41,864	40,546	103.3
2011	59,922	13,315,478	1,379,252	311,580,009	43,446	42,735	101.7
2012	62,435	13,998,383	1,394,905	313,874,218	44,759	44,599	100.4
2013	63,355	14,175,503	1,408,453	316,057,727	44,982	44,851	100.3
2014	66,899	14,983,140	1,414,862	318,386,421	47,283	47,060	100.5
2015	70,323	15,711,634	1,422,484	320,742,673	49,437	48,985	100.9
2016	72,650	16,115,630	1,428,105	323,071,342	50,872	49,883	102.0
2017	75,355	16,820,250	1,424,203	325,147,121	52,910	51,731	102.3
2018	77,509	17,572,929	1,420,491	327,167,434	54,565	53,712	101.6

1/ U.S. Census Bureau midyear population estimate. 2010-2018 use state population estimates available as of December 2018.

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

Source: U.S. Bureau of Economic Analysis, State Personal Income Summary SAINC1 (March 26, 2019) <<http://www.bea.gov/iTable/iTable.cfm?ReqID=70&step=1>> accessed April 4, 2019; 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: 1969 TO 2018**

[Hawaii and the U.S. disposable personal income, per capita disposable personal income and Hawaii as percent of U.S. average for 1969 to 2016 and population for 2010 to 2016 revised from previous *Data Book*]

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.	
1969	3,160	687,425	743,000	201,298,000	4,254	3,415	124.6
1970	3,687	753,099	762,920	203,798,722	4,833	3,695	130.8
1971	4,061	823,437	791,580	206,817,509	5,131	3,981	128.9
1972	4,419	893,321	818,104	209,274,882	5,401	4,269	126.5
1973	4,906	1,001,571	841,851	211,349,205	5,828	4,739	123.0
1974	5,599	1,094,397	858,121	213,333,635	6,525	5,130	127.2
1975	6,223	1,215,359	875,052	215,456,585	7,111	5,641	126.1
1976	6,662	1,323,488	892,335	217,553,859	7,465	6,083	122.7
1977	7,179	1,454,268	915,749	219,760,875	7,840	6,618	118.5
1978	7,896	1,626,753	928,816	222,098,244	8,501	7,324	116.1
1979	8,817	1,805,001	950,050	224,568,579	9,281	8,038	115.5
1980	10,092	2,014,396	967,710	227,224,719	10,429	8,865	117.6
1981	10,930	2,248,034	978,195	229,465,744	11,174	9,797	114.1
1982	11,786	2,426,023	993,780	231,664,432	11,860	10,472	113.3
1983	12,924	2,616,717	1,012,717	233,792,014	12,762	11,192	114.0
1984	13,866	2,902,515	1,027,922	235,824,907	13,490	12,308	109.6
1985	14,685	3,093,703	1,039,698	237,923,734	14,124	13,003	108.6
1986	15,553	3,282,912	1,051,762	240,132,831	14,788	13,671	108.2
1987	16,362	3,458,192	1,067,917	242,288,936	15,321	14,273	107.3
1988	17,976	3,763,033	1,079,827	244,499,004	16,647	15,391	108.2
1989	19,877	4,043,179	1,094,588	246,819,222	18,160	16,381	110.9
1990	21,724	4,304,512	1,113,491	249,622,814	19,510	17,244	113.1
1991	22,871	4,479,825	1,136,754	252,980,941	20,119	17,708	113.6
1992	25,106	4,798,176	1,158,613	256,514,224	21,669	18,705	115.8
1993	26,067	5,000,936	1,172,838	259,918,588	22,226	19,240	115.5
1994	26,702	5,247,927	1,187,536	263,125,821	22,485	19,945	112.7
1995	27,482	5,538,573	1,196,854	266,278,393	22,962	20,800	110.4
1996	27,343	5,836,986	1,203,755	269,394,284	22,714	21,667	104.8
1997	28,229	6,156,053	1,211,640	272,646,925	23,298	22,579	103.2
1998	28,839	6,570,164	1,215,233	275,854,104	23,731	23,818	99.6
1999	29,829	6,890,679	1,210,300	279,040,168	24,646	24,694	99.8
2000	31,507	7,415,075	1,213,519	282,162,411	25,963	26,279	98.8

Continued on next page.

**Table 13.08-- TOTAL AND PER CAPITA DISPOSABLE PERSONAL INCOME  
FOR HAWAII AND THE UNITED STATES: 1969 TO 2018 -- Con.**

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.	
2001	32,885	7,763,912	1,225,948	284,968,955	26,824	27,245	98.5
2002	34,966	8,104,480	1,239,613	287,625,193	28,207	28,177	100.1
2003	36,851	8,478,455	1,251,154	290,107,933	29,454	29,225	100.8
2004	39,739	8,981,157	1,273,569	292,805,298	31,202	30,673	101.7
2005	42,242	9,382,761	1,292,729	295,516,599	32,677	31,750	102.9
2006	45,200	10,017,121	1,309,731	298,379,912	34,511	33,572	102.8
2007	47,611	10,511,373	1,315,675	301,231,207	36,187	34,895	103.7
2008	50,242	10,932,716	1,332,213	304,093,966	37,713	35,952	104.9
2009	51,240	10,900,400	1,346,717	306,771,529	38,048	35,533	107.1
2010	52,332	11,305,991	1,363,963	309,326,085	38,367	36,550	105.0
2011	54,480	11,863,823	1,379,252	311,580,009	39,500	38,076	103.7
2012	56,761	12,490,913	1,394,905	313,874,218	40,691	39,796	102.2
2013	56,988	12,501,275	1,408,453	316,057,727	40,461	39,554	102.3
2014	60,132	13,199,354	1,414,862	318,386,421	42,500	41,457	102.5
2015	62,761	13,778,133	1,422,484	320,742,673	44,120	42,957	102.7
2016	64,755	14,163,254	1,428,105	323,071,342	45,343	43,839	103.4
2017	67,244	14,787,578	1,424,203	325,147,121	47,215	45,480	103.8
2018	69,469	15,524,373	1,420,491	327,167,434	48,905	47,451	103.1

1/ U.S. Census Bureau midyear population estimate. 2010-2018 use state population estimates available as of December 2018.

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

Source: U.S. Bureau of Economic Analysis, State Disposable Personal Income Summary SA51 (March 26, 2019) <<http://www.bea.gov/iTable/iTable.cfm?ReqID=70&step=1>> accessed April 4, 2019; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

**Table 13.09-- PERSONAL INCOME BY MAJOR SOURCE, BY SIC INDUSTRY: 1950 TO 2001**

[In thousands of dollars. The estimates of earnings for 1950 to 1957 are based on the 1967 Standard Industrial Classification (SIC) Code, for 1958 to 1974 on the 1967 SIC Code, for 1975 to 1987 on the 1972 SIC and the 1988-2001 on the 1987 SIC. BEA revised the state personal income series from 1929 to 2018 but estimates prior to 1950 are not available for Hawaii]

Item	1950	1960	1970	1980	1990	2000	2001
Personal income	788,393	1,615,288	4,224,922	11,483,936	24,979,076	35,852,371	37,354,451
Earnings by place of work	675,331	1,359,721	3,470,686	8,998,412	19,786,140	26,592,658	28,063,097
Wages & salaries	509,518	1,076,199	2,778,630	6,683,532	14,404,760	19,173,030	19,831,092
Supplements to wages and salaries 1/	79,414	143,506	447,703	1,454,017	3,469,940	4,474,279	4,803,051
Employer cont. for emp. pension & ins. funds	66,411	114,976	327,767	1,015,495	2,335,897	3,043,854	3,296,890
Employer cont. for gov't social ins.	13,003	28,530	119,936	438,522	1,134,043	1,430,425	1,506,161
Proprietors' income 2/	86,399	140,016	244,353	860,863	1,911,440	2,945,349	3,428,954
Farm proprietors' income	13,434	19,318	33,623	225,717	63,500	40,387	39,138
Nonfarm proprietors' income	72,965	120,698	210,730	635,146	1,847,940	2,904,962	3,389,816
Dividends, interest, and rent 3/	100,195	259,837	758,867	2,297,865	5,273,158	8,018,448	7,888,794
Personal current transfer receipts 4/	30,677	48,063	206,557	964,953	2,097,788	4,130,169	4,450,371
Less: Contrib. for gov't social ins. 5/	17,810	52,333	211,188	777,294	2,178,010	2,888,904	3,047,811
Employee & self-emp. cont. for gov't soc. ins.	4,807	23,803	91,252	338,772	1,043,967	1,458,479	1,541,650
Employer cont. for gov't social ins.	13,003	28,530	119,936	438,522	1,134,043	1,430,425	1,506,161
Earnings by industry	675,331	1,359,721	3,470,686	8,998,412	19,786,140	26,592,658	28,063,097
Farm earnings	77,042	81,585	133,088	374,157	260,483	240,333	236,703
Nonfarm earnings	598,289	1,278,136	3,337,598	8,624,255	19,525,657	26,352,325	27,826,394
Private nonfarm earnings	337,762	754,451	1,983,553	5,641,909	13,996,258	18,989,298	20,082,958
Agri. services, forestry, & fishing	3,493	4,154	11,386	43,469	120,811	143,871	154,316
Mining	817	519	1,528	22,604	7,337	25,358	26,447
Construction	33,651	119,957	346,655	662,458	1,812,688	1,634,386	1,741,050
Manufacturing	63,671	122,418	212,848	492,306	797,857	797,087	849,485
Transportation & public utilities	46,345	88,480	256,872	751,663	1,551,188	2,066,438	2,163,100

Continued on next page.

**Table 13.09-- PERSONAL INCOME BY MAJOR SOURCE, BY SIC INDUSTRY: 1950 TO 2001 -- Con.**

Item	1950	1960	1970	1980	1990	2000	2001
Wholesale and retail trade	97,971	195,174	468,221	1,295,869	3,237,254	4,063,892	4,163,724
Wholesale trade	(NA)	66,489	150,766	345,998	803,154	995,476	1,033,989
Retail trade	(NA)	128,685	317,455	949,871	2,434,100	3,068,416	3,129,735
Finance, insurance, & real estate	21,258	63,146	188,261	632,916	1,330,201	2,250,639	2,277,448
Services	70,556	160,603	497,782	1,740,624	5,138,922	8,007,627	8,707,388
Hotels & other lodging places	(NA)	18,318	103,785	393,054	921,867	1,528,965	(NA)
Business services	(NA)	14,460	30,045	71,714	176,443	261,969	(NA)
Health services	(NA)	12,328	12,905	21,838	25,681	44,145	(NA)
Other	(NA)	13,904	56,260	236,801	786,308	1,203,630	(NA)
Gov't & government enterprises	260,527	523,685	1,354,045	2,982,346	5,529,399	7,363,027	7,743,436
Federal	203,575	413,162	984,862	1,999,740	3,308,924	3,933,024	4,148,216
Federal, civilian	96,631	184,208	401,719	834,428	1,339,826	1,851,830	1,881,689
Military	106,944	228,954	583,143	1,165,312	1,969,098	2,081,194	2,266,527
State & local government	56,952	110,523	369,183	982,606	2,220,475	3,430,003	3,595,220
State	(NA)	(NA)	(NA)	744,459	1,675,367	2,606,722	2,727,146
Local	(NA)	(NA)	(NA)	238,147	545,108	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 25, 2018 and March 6, 2019)

<<http://www.bea.gov/iTable/iTable.cfm?reqid=70&step=1>> accessed June 18, 2019; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

**Table 13.10-- PERSONAL INCOME BY MAJOR SOURCE, BY NAICS  
INDUSTRY: 2015 TO 2018**

[In thousands of dollars. The estimates for 2016 are based on the 2012 North American Industry Classification System (NAICS) Code, and for 2017 forward on the 2017 NAICS. BEA revised estimates for this series from 1998 to 2017 on March 6 and March 26, 2019]

Item	2015	2016	2017	2018
Personal income	70,323,405	72,650,058	75,355,132	77,508,640
Earnings by place of work	50,059,994	51,442,271	53,287,231	54,604,377
Less: Contrib. for gov't social ins. 1/	5,699,828	5,833,589	6,060,854	6,237,800
Employee and self-employed	2,894,793	3,020,188	3,140,128	3,239,383
Employer	2,805,035	2,813,401	2,920,726	2,998,417
Net earnings by place of residence	44,360,166	45,608,682	47,226,377	48,366,577
Dividends, interest, and rent 2/	15,061,750	15,734,571	16,379,408	17,029,201
Personal current transfer receipts	10,901,489	11,306,805	11,749,347	12,112,862
Wages and salaries	34,567,205	35,809,077	37,084,626	37,992,605
Supp. to wages & sal.- emp'er contrib.	9,990,454	10,134,439	10,443,858	10,605,910
For employee pension & ins. funds 3/	7,185,419	7,321,038	7,523,132	7,607,493
For government social insurance	2,805,035	2,813,401	2,920,726	2,998,417
Proprietors' income 4/	5,502,335	5,498,755	5,758,747	6,005,862
Farm proprietors' income	52,207	-24,102	-8,881	-13,741
Nonfarm proprietors' income	5,450,128	5,522,857	5,767,628	6,019,603
Farm earnings	325,283	264,946	284,664	290,110
Nonfarm earnings	49,734,711	51,177,325	53,002,567	54,314,267
Private earnings	34,620,121	35,925,971	37,588,364	38,772,462
Forestry, fishing, rel. activ., & other	81,186	87,208	94,676	92,584
Mining, quarrying, oil & gas extraction	37,452	30,334	34,294	35,838
Utilities	561,015	558,206	562,028	590,734
Construction	3,953,813	4,350,763	4,328,867	4,412,114
Manufacturing	891,624	934,485	948,974	966,884
Wholesale trade	1,330,243	1,329,970	1,410,577	1,388,894
Retail trade	3,050,845	3,050,362	3,199,629	3,323,231
Transportation and warehousing	2,042,880	2,156,236	2,369,241	2,413,621
Information	752,838	742,430	792,999	859,224
Finance and insurance	1,435,516	1,509,030	1,610,648	1,634,761
Real estate and rental and leasing	1,617,890	1,708,228	1,709,888	1,739,459
Prof., scientific, & tech. services	2,854,035	2,858,457	3,008,539	3,128,847
Mgt of companies & enterprises	893,327	940,058	976,730	1,015,917
Admin. & supp. & waste mgt. & remed.	2,367,260	2,423,689	2,523,307	2,628,130
Educational services	773,886	791,545	792,647	801,089
Health care and social assistance	4,914,867	5,099,319	5,397,027	5,650,286
Arts, entertainment, and recreation	630,204	631,126	692,195	697,194
Accommodation & food services	4,440,542	4,664,144	4,963,079	5,129,037
Other services (exc. gov't & gov't ent.)	1,990,698	2,060,381	2,173,019	2,264,618

Continued on next page.

**Table 13.10-- PERSONAL INCOME BY MAJOR SOURCE, BY NAICS  
INDUSTRY: 2015 TO 2018 -- Con.**

Item	2015	2016	2017	2018
Gov't and gov't enterprises	15,114,590	15,251,354	15,414,203	15,541,805
Federal	8,549,139	8,487,139	8,473,167	8,652,792
Civilian	3,542,712	3,665,981	3,766,237	3,842,028
Military	5,006,427	4,821,158	4,706,930	4,810,764
State and local	6,565,451	6,764,215	6,941,036	6,889,013
State	4,941,418	5,061,138	5,176,609	(NA)
Local	1,624,033	1,703,077	1,764,427	(NA)

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 26, 2019)

<<http://www.bea.gov/iTable/iTable.cfm?reqid=70&step=1>> accessed March 26, 2019; and calculations by Hawaii Department of Business, Economic Development & Tourism.

**Table 13.11-- PERSONAL INCOME, TOTAL AND PER CAPITA, IN CONSTANT DOLLARS, BY STATE:  
2008 TO 2017**

[The base year has changed from 2009 to 2012 and the source revised 2010 to 2016 from previous *Data Book*]

State	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Real personal income (millions of chained 2012 dollars) 1/										
Alabama	191,330	189,188	192,908	195,387	196,145	196,130	201,577	209,653	212,101	217,164
Alaska	32,581	32,661	34,914	36,525	36,905	36,272	37,488	38,934	37,959	38,328
Arizona	236,237	225,095	228,416	235,640	243,829	248,576	260,858	273,919	281,579	291,271
Arkansas	112,425	111,027	111,238	115,792	121,616	119,835	126,198	129,311	131,376	134,947
California	1,513,087	1,467,961	1,500,555	1,566,407	1,644,763	1,648,391	1,731,543	1,856,142	1,899,360	1,948,112
Colorado	220,300	208,920	212,394	224,216	234,442	241,131	258,856	269,981	271,550	280,978
Connecticut	208,829	206,403	213,091	214,645	214,362	208,883	214,987	220,386	221,478	225,839
Delaware	37,617	37,482	37,384	39,923	39,892	40,179	41,163	43,735	44,133	45,159
Dist. of Colum.	32,717	32,788	34,113	36,400	37,127	37,485	38,953	42,378	44,242	44,920
Florida	767,766	727,309	767,313	788,625	800,576	791,847	841,043	897,452	919,677	947,647
Georgia	379,884	374,917	380,527	399,488	399,739	399,696	422,063	442,732	457,950	470,992
Hawaii	50,623	51,006	51,015	52,357	53,105	52,947	55,039	57,328	58,990	60,191
Idaho	56,025	54,445	56,156	58,063	60,197	61,753	64,095	68,331	70,487	73,083
Illinois	586,849	555,171	560,968	573,884	590,455	602,507	625,893	652,043	656,964	666,633
Indiana	263,660	256,321	263,009	272,336	280,914	280,960	288,973	301,624	309,926	317,079
Iowa	139,839	135,070	136,538	142,519	146,619	146,654	149,985	155,755	155,662	156,054
Kansas	136,357	131,417	131,237	137,794	143,516	143,591	145,122	147,890	147,567	148,730
Kentucky	168,255	166,868	170,222	174,237	176,492	174,831	182,459	188,863	191,624	194,624
Louisiana	197,261	190,630	195,738	197,714	203,870	204,240	211,745	214,735	212,481	214,793
Maine	53,426	53,347	54,354	54,827	54,340	53,521	55,292	56,865	58,059	59,663
Maryland	270,485	266,720	272,311	281,014	285,762	281,761	287,093	302,507	311,398	318,543
Massachusetts	329,711	327,987	337,936	346,511	359,086	357,106	367,729	389,810	396,237	406,854
Michigan	395,104	376,460	385,620	399,688	408,708	408,323	424,283	450,475	460,173	468,424
Minnesota	246,372	235,413	243,199	253,722	263,088	261,823	271,885	284,643	288,211	294,277
Mississippi	111,010	109,992	111,094	112,759	115,064	114,655	116,985	118,275	118,997	120,642
Missouri	266,013	261,426	261,671	263,313	270,211	266,740	272,787	282,217	285,597	290,826
Montana	38,457	38,061	39,647	41,432	43,314	42,496	43,927	45,834	46,795	47,691

Continued on next page.

**Table 13.11-- PERSONAL INCOME, TOTAL AND PER CAPITA, IN CONSTANT DOLLARS, BY STATE:  
2008 TO 2017 -- Con.**

State	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Nebraska	85,975	84,660	86,775	94,484	95,192	94,479	98,803	102,882	101,329	102,975
Nevada	108,585	103,282	106,129	107,663	111,040	110,104	117,260	126,798	129,647	134,188
New Hampshire	59,990	59,724	61,294	63,474	65,040	63,867	64,929	67,478	69,181	71,636
New Jersey	427,545	413,363	415,233	422,486	430,531	432,548	444,830	464,837	472,077	487,250
New Mexico	75,624	75,265	76,660	78,077	78,614	76,146	79,917	82,789	83,744	84,270
New York	857,815	845,340	867,229	894,798	925,394	927,901	947,659	984,038	1,001,620	1,046,571
North Carolina	405,383	391,048	390,823	395,703	414,160	403,836	423,479	447,541	458,831	470,697
North Dakota	32,150	31,739	34,566	37,490	42,806	41,884	43,974	42,708	42,018	41,452
Ohio	500,491	490,592	493,595	514,574	526,756	526,232	540,694	561,788	567,206	579,945
Oklahoma	169,454	156,509	160,468	168,557	176,306	182,197	191,876	186,794	178,440	185,448
Oregon	151,168	145,302	147,058	151,438	156,421	156,566	165,523	178,575	183,629	189,689
Pennsylvania	568,405	555,626	567,421	583,996	597,576	593,585	613,092	635,839	642,329	659,486
Rhode Island	46,839	45,774	47,700	48,249	49,416	48,822	49,660	51,559	51,710	53,656
South Carolina	174,354	169,726	174,232	179,061	184,782	185,591	195,918	207,472	212,812	218,819
South Dakota	39,997	39,362	40,369	42,895	42,297	42,696	44,064	45,896	45,707	45,534
Tennessee	257,366	256,070	264,411	273,584	280,788	279,786	290,722	305,049	311,389	319,790
Texas	1,055,664	1,007,107	1,052,011	1,123,260	1,181,027	1,190,910	1,261,953	1,288,161	1,279,939	1,307,415
Utah	99,569	94,747	96,572	101,189	106,468	107,916	113,895	122,826	127,301	131,503
Vermont	26,898	26,475	27,142	27,955	28,116	28,114	28,313	29,193	29,792	30,054
Virginia	369,114	359,477	370,173	383,028	393,704	386,743	398,428	417,613	422,391	432,570
Washington	301,480	286,802	291,543	301,824	318,483	318,774	336,795	355,350	367,907	381,379
West Virginia	70,543	70,824	71,152	73,204	73,788	72,308	73,617	74,211	74,286	75,986
Wisconsin	251,401	247,817	250,402	256,912	263,162	262,020	268,715	280,407	284,766	290,420
Wyoming	29,163	27,014	28,361	30,032	32,382	31,825	33,215	33,785	32,299	33,022

Continued on next page.

**Table 13.11-- PERSONAL INCOME, TOTAL AND PER CAPITA, IN CONSTANT DOLLARS, BY STATE:  
2008 TO 2017 -- Con.**

State	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Real per capita personal income (chained (2012) dollars) 1/										
Alabama	40,551	39,763	40,311	40,716	40,731	40,603	41,627	43,199	43,600	44,545
Alaska	47,393	46,732	48,906	50,586	50,527	49,213	50,913	52,788	51,191	51,809
Arizona	37,615	35,486	35,647	36,401	37,188	37,464	38,738	40,084	40,542	41,322
Arkansas	39,110	38,327	38,069	39,380	41,196	40,491	42,524	43,416	43,932	44,937
California	41,336	39,716	40,207	41,613	43,328	43,060	44,829	47,651	48,442	49,445
Colorado	45,054	42,018	42,072	43,777	45,139	45,751	48,373	49,519	49,008	50,033
Connecticut	58,898	57,949	59,537	59,823	59,638	58,105	59,805	61,432	61,888	63,191
Delaware	42,559	42,033	41,557	44,001	43,589	43,501	44,139	46,456	46,494	47,184
Dist. of Colum.	56,386	55,364	56,378	58,747	58,493	57,632	58,795	62,758	64,439	64,569
Florida	41,440	38,992	40,715	41,304	41,424	40,476	42,348	44,375	44,580	45,176
Georgia	39,967	38,969	39,182	40,758	40,372	40,077	41,917	43,486	44,441	45,231
Hawaii	37,999	37,874	37,402	37,960	38,071	37,592	38,900	40,301	41,307	42,263
Idaho	36,514	35,026	35,751	36,660	37,731	38,319	39,286	41,374	41,884	42,517
Illinois	46,038	43,384	43,687	44,600	45,828	46,712	48,560	50,686	51,218	52,137
Indiana	41,038	39,682	40,523	41,795	42,969	42,775	43,827	45,643	46,722	47,609
Iowa	46,354	44,535	44,755	46,483	47,664	47,414	48,234	49,898	49,704	49,641
Kansas	48,559	46,393	45,916	48,028	49,739	49,625	50,027	50,830	50,688	51,098
Kentucky	39,221	38,653	39,148	39,876	40,236	39,691	41,332	42,671	43,176	43,698
Louisiana	44,472	42,441	43,071	43,214	44,312	44,164	45,593	46,033	45,419	45,986
Maine	40,154	40,123	40,941	41,281	40,928	40,296	41,549	42,804	43,608	44,689
Maryland	47,579	46,545	47,042	48,127	48,541	47,565	48,185	50,530	51,859	52,871
Massachusetts	50,968	50,323	51,464	52,397	53,891	53,189	54,368	57,360	58,048	59,280
Michigan	39,721	38,020	39,040	40,448	41,296	41,189	42,725	45,353	46,240	46,953
Minnesota	46,955	44,576	45,793	47,463	48,932	48,363	49,873	51,918	52,180	52,850
Mississippi	37,658	37,175	37,399	37,858	38,563	38,361	39,117	39,574	39,821	40,353
Missouri	44,905	43,855	43,641	43,815	44,855	44,157	45,042	46,480	46,918	47,609
Montana	39,385	38,680	40,018	41,547	43,152	41,928	42,986	44,478	44,958	45,287

Continued on next page.

**Table 13.11-- PERSONAL INCOME, TOTAL AND PER CAPITA, IN CONSTANT DOLLARS, BY STATE:  
2008 TO 2017 -- Con.**

State	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Nebraska	47,860	46,704	47,430	51,335	51,363	50,648	52,568	54,391	53,165	53,700
Nevada	40,919	38,471	39,271	39,687	40,458	39,649	41,596	44,201	44,403	45,145
New Hampshire	45,589	45,379	46,549	48,093	49,125	48,150	48,701	50,496	51,537	53,073
New Jersey	49,081	47,211	47,188	47,859	48,672	48,829	50,168	52,400	53,195	54,818
New Mexico	37,611	36,953	37,131	37,530	37,658	36,385	38,232	39,608	40,016	40,255
New York	44,649	43,784	44,702	45,891	47,275	47,274	48,211	50,049	50,995	53,422
North Carolina	43,545	41,383	40,820	40,977	42,482	41,025	42,629	44,607	45,175	45,829
North Dakota	48,893	47,730	51,230	54,719	61,054	58,012	59,635	56,640	55,701	54,890
Ohio	43,463	42,553	42,775	44,577	45,613	45,457	46,600	48,356	48,750	49,720
Oklahoma	46,186	42,100	42,682	44,500	46,170	47,285	49,473	47,775	45,442	47,156
Oregon	40,111	38,151	38,321	39,114	40,117	39,911	41,755	44,456	44,882	45,746
Pennsylvania	45,068	43,865	44,640	45,823	46,807	46,459	47,939	49,730	50,247	51,561
Rhode Island	44,397	43,443	45,259	45,797	46,857	46,272	47,026	48,817	48,918	50,787
South Carolina	38,497	36,978	37,585	38,331	39,173	38,956	40,615	42,408	42,921	43,579
South Dakota	50,050	48,772	49,461	52,089	50,746	50,691	51,895	53,746	52,969	52,141
Tennessee	41,196	40,607	41,605	42,765	43,524	43,088	44,447	46,284	46,861	47,667
Texas	43,427	40,606	41,676	43,798	45,268	44,958	46,779	46,865	45,814	46,161
Utah	37,389	34,790	34,797	35,956	37,312	37,239	38,774	41,182	41,839	42,378
Vermont	43,095	42,372	43,367	44,586	44,908	44,896	45,285	46,695	47,771	48,123
Virginia	47,120	45,354	46,135	47,285	48,099	46,861	47,934	49,936	50,219	51,100
Washington	45,942	43,015	43,237	44,245	46,205	45,782	47,756	49,605	50,435	51,361
West Virginia	38,332	38,329	38,373	39,440	39,740	39,004	39,804	40,288	40,573	41,818
Wisconsin	44,567	43,712	44,004	45,035	46,009	45,672	46,717	48,670	49,328	50,141
Wyoming	53,408	48,251	50,242	52,946	56,192	54,671	57,017	57,687	55,280	57,039

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.

Source: U.S. Bureau of Economic Analysis, State Real Personal Income (May 16, 2019) <<http://www.bea.gov/iTable/iTable.cfm?ReqID=70&step=1>> accessed May 16, 2019; and calculations by Hawaii State Department of Business, Economic Development & Tourism. See also "Real Personal Income for States and Metropolitan Areas, 2017" <<https://www.bea.gov/newsreleases/regional/rpp/2018/pdf/rpp0518.pdf>>.

**Table 13.12-- PERSONAL INCOME, TOTAL AND PER CAPITA, AND POPULATION BY COUNTY: 1969 TO 2017**

Year	State total	City & County of Honolulu	Hawaii	Kauai	Maui and Kalawao
Total (\$1,000)					
1969	3,643,173	3,132,729	227,320	111,803	171,321
1970	4,224,922	3,634,964	269,351	121,099	199,508
1971	4,584,077	3,926,337	302,967	134,673	220,100
1972	5,047,834	4,327,655	334,447	143,594	242,138
1973	5,592,618	4,791,314	371,781	160,982	268,541
1974	6,360,651	5,274,604	509,292	219,312	357,443
1975	6,919,030	5,821,193	507,077	211,201	379,559
1976	7,465,926	6,281,530	533,210	228,065	423,121
1977	8,084,039	6,771,327	586,924	250,537	475,251
1978	8,953,923	7,496,119	652,918	275,338	529,548
1979	10,042,788	8,372,875	743,795	314,039	612,079
1980	11,483,936	9,422,314	935,944	392,170	733,508
1981	12,434,061	10,313,480	947,621	403,261	769,699
1982	13,166,230	10,892,215	998,720	437,234	838,061
1983	14,443,315	11,852,319	1,121,382	490,006	979,608
1984	15,472,574	12,755,379	1,171,178	507,186	1,038,831
1985	16,452,513	13,549,475	1,229,162	546,508	1,127,368
1986	17,458,138	14,298,161	1,339,117	592,559	1,228,301
1987	18,618,700	15,228,178	1,427,334	633,315	1,329,873
1988	20,477,516	16,651,964	1,570,925	754,188	1,500,439
1989	22,873,584	18,429,324	1,817,564	878,673	1,748,023
1990	24,979,076	20,038,505	2,026,536	960,349	1,953,686
1991	26,432,925	21,105,032	2,201,619	1,045,652	2,080,622
1992	28,434,498	22,665,937	2,334,976	1,130,647	2,302,938
1993	29,476,498	23,390,411	2,462,395	1,182,522	2,441,170
1994	30,163,706	23,857,762	2,557,164	1,209,634	2,539,146
1995	30,864,018	24,342,583	2,636,585	1,264,820	2,620,030
1996	30,894,933	24,282,200	2,698,938	1,261,158	2,652,637
1997	31,907,547	25,101,536	2,777,341	1,284,089	2,744,581
1998	32,703,368	25,542,879	2,953,853	1,319,562	2,887,074
1999	33,864,334	26,270,596	3,103,270	1,375,990	3,114,478
2000	35,852,371	27,698,372	3,345,644	1,477,315	3,331,040
2001	37,354,451	28,738,100	3,527,356	1,542,652	3,546,343
2002	39,012,166	29,937,496	3,732,289	1,599,594	3,742,787
2003	40,852,209	31,215,818	3,949,433	1,705,040	3,981,918
2004	44,054,767	33,424,009	4,388,806	1,891,829	4,350,123
2005	47,359,463	35,767,141	4,855,304	2,027,093	4,709,925
2006	50,773,533	38,301,624	5,236,782	2,163,310	5,071,817
2007	53,520,243	40,245,095	5,584,327	2,307,250	5,383,571
2008	56,166,169	42,190,859	5,920,730	2,417,121	5,637,459
2009	56,013,398	42,616,645	5,710,062	2,335,793	5,350,898
2010	57,101,367	43,342,396	5,859,464	2,371,644	5,527,863
2011	59,922,334	45,446,147	6,126,912	2,486,235	5,863,040
2012	62,434,642	47,163,235	6,367,044	2,598,375	6,305,988
2013	63,355,087	47,883,947	6,450,962	2,702,376	6,317,802
2014	66,899,449	50,398,758	6,875,443	2,891,803	6,733,445
2015	70,323,405	52,693,399	7,402,010	3,063,820	7,164,176
2016	72,650,058	54,329,238	7,677,840	3,186,559	7,456,421
2017	75,355,132	56,083,760	8,053,011	3,362,332	7,856,029

Continued on next page.

**Table 13.12-- PERSONAL INCOME, TOTAL AND PER CAPITA, AND POPULATION BY COUNTY: 1969 TO 2017-- Con.**

Year	State total	City & County of Honolulu	Hawaii	Kauai	Maui and Kalawao
Population 2/					
1969	743,000	603,438	63,104	30,044	46,414
1970	762,920	623,756	63,549	29,620	45,995
1971	791,580	633,043	73,508	33,245	51,784
1972	818,104	664,830	69,922	31,864	51,488
1973	841,851	683,772	72,856	32,530	52,693
1974	858,121	698,033	73,891	32,536	53,661
1975	875,052	707,866	77,212	33,305	56,669
1976	892,335	716,911	80,481	34,770	60,173
1977	915,749	734,962	82,610	35,414	62,763
1978	928,816	740,505	85,661	36,700	65,950
1979	950,050	753,428	89,069	38,016	69,537
1980	967,710	763,820	92,897	39,369	71,624
1981	978,195	767,573	96,122	40,457	74,043
1982	993,780	776,075	98,798	41,804	77,103
1983	1,012,717	789,097	100,764	42,796	80,060
1984	1,027,922	797,791	103,528	43,634	82,969
1985	1,039,698	804,294	105,900	44,357	85,147
1986	1,051,762	810,444	108,362	45,567	87,389
1987	1,067,917	818,447	111,735	47,203	90,532
1988	1,079,827	824,072	113,439	48,549	93,767
1989	1,094,588	831,337	116,585	49,847	96,819
1990	1,113,491	838,534	121,572	51,676	101,709
1991	1,136,754	850,510	127,266	53,379	105,599
1992	1,158,613	863,959	131,630	54,439	108,585
1993	1,172,838	870,348	135,085	55,461	111,944
1994	1,187,536	878,591	137,713	56,478	114,754
1995	1,196,854	881,399	140,492	57,068	117,895
1996	1,203,755	883,443	141,935	57,688	120,689
1997	1,211,640	886,711	144,445	57,712	122,772
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	1,363,817	956,193	185,347	67,199	155,078
2011	1,378,323	966,514	187,049	67,832	156,928
2012	1,392,772	976,299	189,118	68,573	158,782
2013	1,408,038	985,734	191,583	69,626	161,095
2014	1,417,710	989,438	194,240	70,523	163,509
2015	1,426,320	993,716	196,740	71,387	164,477
2016	1,428,683	992,761	198,681	71,769	165,472
2017	1,427,538	988,650	200,381	72,159	166,348

Continued on next page.

**Table 13.12-- PERSONAL INCOME, TOTAL AND PER CAPITA, AND POPULATION BY COUNTY: 1969 TO 2017-- Con.**

Year	State total	City & County of Honolulu	Hawaii	Kauai	Maui and Kalawao
Per capita (dollars) 3/					
1969	4,903	5,191	3,602	3,721	3,691
1970	5,538	5,828	4,238	4,088	4,338
1971	5,791	6,202	4,122	4,051	4,250
1972	6,170	6,509	4,783	4,506	4,703
1973	6,643	7,007	5,103	4,949	5,096
1974	7,412	7,556	6,892	6,741	6,661
1975	7,907	8,224	6,567	6,341	6,698
1976	8,367	8,762	6,625	6,559	7,032
1977	8,828	9,213	7,105	7,075	7,572
1978	9,640	10,123	7,622	7,502	8,030
1979	10,571	11,113	8,351	8,261	8,802
1980	11,867	12,336	10,075	9,961	10,241
1981	12,711	13,436	9,859	9,968	10,395
1982	13,249	14,035	10,109	10,459	10,869
1983	14,262	15,020	11,129	11,450	12,236
1984	15,052	15,988	11,313	11,624	12,521
1985	15,824	16,846	11,607	12,321	13,240
1986	16,599	17,642	12,358	13,004	14,056
1987	17,435	18,606	12,774	13,417	14,690
1988	18,964	20,207	13,848	15,535	16,002
1989	20,897	22,168	15,590	17,627	18,055
1990	22,433	23,897	16,669	18,584	19,209
1991	23,253	24,815	17,299	19,589	19,703
1992	24,542	26,235	17,739	20,769	21,209
1993	25,133	26,875	18,228	21,322	21,807
1994	25,400	27,155	18,569	21,418	22,127
1995	25,788	27,618	18,767	22,163	22,223
1996	25,665	27,486	19,015	21,862	21,979
1997	26,334	28,309	19,228	22,250	22,355
1998	26,911	28,800	20,255	22,813	23,162
1999	27,980	29,890	21,115	23,616	24,687
2000	29,544	31,596	22,417	25,224	25,806
2001	30,470	32,555	23,254	26,113	26,779
2002	31,471	33,620	24,145	26,668	27,810
2003	32,652	34,905	24,927	28,041	28,939
2004	34,592	36,811	26,950	30,467	30,934
2005	36,635	38,954	28,860	32,246	32,834
2006	38,766	41,320	30,177	34,087	34,792
2007	40,679	43,492	31,420	35,777	36,347
2008	42,160	45,188	32,620	36,845	37,230
2009	41,593	45,184	31,096	35,115	34,884
2010	41,869	45,328	31,613	35,293	35,646
2011	43,475	47,021	32,756	36,653	37,361
2012	44,828	48,308	33,667	37,892	39,715
2013	44,995	48,577	33,672	38,813	39,218
2014	47,188	50,937	35,397	41,005	41,181
2015	49,304	53,027	37,623	42,918	43,557
2016	50,851	54,725	38,644	44,400	45,062
2017	52,787	56,728	40,188	46,596	47,226

Continued on next page.

**Table 13.12-- PERSONAL INCOME, TOTAL AND PER CAPITA, AND  
POPULATION BY COUNTY: 1969 TO 2017-- Con.**

1/ BEA completed the 'Comprehensive Update of Local Area Personal Income' on March 6, 2019. The 1969 to 2016 county personal income and per capita personal income estimates were revised. The population estimates from 2010 to 2016 were also revised from previous *Data Book*.

2/ Census Bureau midyear population estimates. Estimates for 2010-2017 reflect county population estimates available as of March 2018.

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

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 April 4, 2019. See also "Local Area Personal Income, New Estimates for 2017; Comprehensive Updates for 2001-2016" (November 15, 2018) <<https://www.bea.gov/news/2018/local-area-personal-income>> accessed April 4, 2019.

**Table 13.13-- PERFORMANCE RANKINGS FOR METROPOLITAN STATISTICAL AREAS, URBAN HONOLULU AND PROVO-OREM, UTAH: 2017 AND 2018**

[See also 'Methodology' <<http://www.best-cities.org/2018-best-performing-cities-our-process.html>> accessed June 1, 2019]

Category and location	2017		2018	
	Period	Rank 1/	Period	Rank 1/
Urban Honolulu				
Overall	2017	152	2018	141
Job growth (5-year)	2011 to 2016	109	2012 to 2017	139
Job growth (1-year)	2015 to 2016	135	2016 to 2017	145
Wage growth (5-year)	2010 to 2015	111	2011 to 2016	102
Wage growth (1-year)	2014 to 2015	104	2015 to 2016	98
Short-term job growth	August: 2016 to 2017	172	August: 2017 to 2018	73
High tech GDP growth (5-year)	2011 to 2016	129	2012 to 2017	130
High tech GDP growth (1-year)	2015 to 2016	130	2016 to 2017	172
High-tech GDP concentration 2/	2016	167	2017	172
Number of high-tech GDP industries with location quotients over 1 2/	2016	178	2017	176
Provo-Orem, Utah				
Overall	2017	1	2018	1
Job growth (5-year)	2011 to 2016	1	2012 to 2017	1
Job growth (1-year)	2015 to 2016	1	2016 to 2017	3
Wage growth (5-year)	2010 to 2015	4	2011 to 2016	3
Wage growth (1-year)	2014 to 2015	3	2015 to 2016	2
Short-term job growth	August: 2016 to 2017	7	August: 2017 to 2018	5
High tech GDP growth (5-year)	2011 to 2016	3	2012 to 2017	3
High tech GDP growth (1-year)	2015 to 2016	12	2016 to 2017	80
High-tech GDP concentration 2/	2016	16	2017	13
Number of high-tech GDP industries with location quotients over 1 2/	2016	20	2017	22

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: 2017, Where America's Jobs Are Created and Sustained* (January 2018) '<<http://www.best-cities.org/>>' accessed January 17, 2017; and Ibid. 2018 (January 2019) accessed January 25, 2019.

**Table 13.14-- THE NEW ECONOMY INDEX, RANK AND SCORE FOR THE 50 STATES: 2002 TO 2017**

[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 21-29 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						
	2002	2007	2008	2010	2012	2014	2017	2002	2007	2008	2010	2012	2014	2017
Alabama	47	46	47	47	46	41	44	45.3	45.1	37.4	43.5	45.7	50.4	48.2
Alaska	31	25	32	31	28	32	42	56.3	62.4	50.8	52.1	58.7	56.8	49.4
Arizona	16	22	20	20	16	17	21	67.2	63.2	60.0	61.0	66.7	67.1	66.5
Arkansas	48	47	48	48	48	47	49	41.7	44.7	35.3	40.0	41.7	44.2	42.8
California	3	5	8	7	4	3	2	85.5	82.9	75.0	74.3	79.1	83.7	84.7
Colorado	4	9	10	9	7	6	7	84.3	78.3	70.4	72.8	76.8	81.4	78.3
Connecticut	7	6	6	5	9	8	10	74.2	81.8	76.1	76.6	76.0	77.6	76.4
Delaware	9	7	4	6	2	2	5	70.5	79.6	79.3	75.0	82.1	85.1	80.4
Florida	18	23	23	21	21	25	24	62.7	63.2	58.3	60.6	61.4	61.6	62.7
Georgia	22	18	21	19	18	21	18	60.1	64.8	60.0	62.6	64.8	64.3	66.8
<b>Hawaii</b>	<b>35</b>	<b>41</b>	<b>35</b>	<b>40</b>	<b>36</b>	<b>43</b>	<b>40</b>	<b>53.7</b>	<b>50.9</b>	<b>47.5</b>	<b>48.7</b>	<b>53.5</b>	<b>48.4</b>	<b>50.1</b>
Idaho	20	24	26	27	24	24	29	61.6	62.8	55.6	54.2	60.5	62.3	58.5
Illinois	17	16	16	15	20	16	16	64.7	68.4	62.6	65.1	64.3	67.1	69.2
Indiana	36	31	36	35	42	38	33	52.8	55.8	47.4	49.7	49.4	54.6	55.9
Iowa	38	38	42	38	38	37	37	52.2	51.8	44.5	49.5	52.9	54.8	54.8
Kansas	29	34	31	26	29	31	30	56.7	53.6	52.9	54.5	57.7	57.3	57.5
Kentucky	42	45	45	44	45	44	39	48.6	45.3	41.3	46.0	45.7	48.4	50.5
Louisiana	45	44	41	43	44	46	46	45.9	45.9	44.7	46.0	46.1	47.0	47.6
Maine	25	32	28	28	27	28	36	58.3	55.6	53.9	54.0	58.9	58.3	55.2
Maryland	5	3	3	3	5	5	6	75.6	85.0	80.0	76.9	79.1	81.5	78.9
Massachusetts	1	1	1	1	1	1	1	90.0	96.1	97.0	92.6	92.4	94.7	96.6
Michigan	23	19	17	17	19	18	15	60.0	64.7	62.2	63.4	64.5	67.0	70.6
Minnesota	13	11	14	13	13	13	12	68.7	75.3	66.0	67.5	69.7	71.7	72.6
Mississippi	49	49	50	50	50	50	50	40.9	36.5	29.9	35.3	37.4	38.0	37.9
Missouri	24	35	37	33	33	33	28	58.9	53.5	46.9	50.8	54.9	56.8	59.0
Montana	37	42	40	37	37	39	43	52.8	49.5	46.0	49.7	53.1	54.4	49.1

Continued on next page.

**Table 13.14-- THE NEW ECONOMY INDEX, RANK AND SCORE FOR THE 50 STATES: 2002 TO 2017 -- Con.**

State	Rank 1/							Score						
	2002	2007	2008	2010	2012	2014	2017	2002	2007	2008	2010	2012	2014	2017
Nebraska	33	28	27	34	35	35	27	54.4	59.0	55.4	50.5	53.7	56.0	59.9
Nevada	32	27	25	30	26	27	31	55.7	59.2	56.7	52.5	59.0	58.7	57.4
New Hampshire	15	13	13	11	12	11	13	67.6	71.1	67.7	70.6	71.9	74.6	71.4
New Jersey	6	2	5	4	10	10	8	75.1	86.4	77.0	76.9	75.6	75.4	77.6
New Mexico	27	33	29	32	30	26	34	57.2	53.7	53.2	51.7	56.8	58.7	55.8
New York	10	10	9	10	11	12	11	69.3	77.4	74.4	71.3	72.5	73.0	74.5
North Carolina	26	26	24	24	25	23	22	57.5	60.2	57.4	57.1	60.2	63.1	65.6
North Dakota	44	37	39	36	34	36	38	46.1	51.9	46.5	49.7	54.1	55.8	51.8
Ohio	30	29	30	25	32	29	25	56.5	57.8	53.0	55.2	55.5	58.3	61.3
Oklahoma	34	40	43	42	47	48	45	54.1	51.4	43.2	47.2	45.5	44.1	47.9
Oregon	11	17	15	14	14	15	13	68.9	66.8	63.8	67.0	69.3	69.3	71.4
Pennsylvania	19	21	22	22	22	22	23	62.3	63.6	59.2	60.2	60.6	63.2	64.4
Rhode Island	21	15	11	16	23	19	20	61.5	68.6	67.7	63.6	60.5	66.8	66.7
South Carolina	41	39	34	39	40	34	35	51.1	51.5	48.7	49.3	49.8	56.6	55.3
South Dakota	43	48	44	45	43	42	41	47.4	43.8	42.9	45.1	48.0	49.0	49.5
Tennessee	39	36	38	41	39	40	32	52.2	53.3	46.7	48.5	52.2	51.3	56.9
Texas	14	14	18	18	17	20	17	67.6	68.6	62.1	63.0	65.7	65.2	67.5
Utah	12	12	12	12	8	9	9	68.7	73.2	67.7	69.1	76.4	77.0	77.3
Vermont	28	20	19	23	15	14	18	56.9	64.5	60.5	59.5	67.2	69.5	66.8
Virginia	8	8	7	8	6	7	4	72.1	79.5	75.6	73.7	77.9	80.9	81.7
Washington	2	4	2	2	3	4	3	86.2	84.6	81.9	77.5	79.5	82.5	84.5
West Virginia	50	50	49	49	49	49	48	40.7	35.6	31.9	38.1	37.9	39.8	44.1
Wisconsin	40	30	33	29	31	30	26	52.0	55.9	50.6	53.1	55.8	57.8	60.4
Wyoming	46	43	46	46	41	45	47	45.7	47.9	40.1	45.0	49.5	48.1	47.1

1/ Rank of 1 indicates most favorable.

Source: The Information Technology & Innovation Foundation <<http://www.itif.org/>> *The State New Economy Index: 2002*; <<http://www.itif.org/files/2002-new-state-econ-index.pdf>>; Ibid. 2007 <[http://www.itif.org/files/2007\\_State\\_New\\_Economy\\_Index.pdf](http://www.itif.org/files/2007_State_New_Economy_Index.pdf)>; Ibid. 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>> June 19, 2014; and Ibid. 2017 <<https://itif.org/publications/2017/11/06/2017-state-new-economy-index>> accessed January 17, 2018.

**Table 13.15-- THE NEW ECONOMY INDEX, RANK: 2010 TO 2017**

[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 25-27 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	2010	2012	2014	2017
Overall	40	36	43	40
Knowledge jobs	(NA)	34	(NA)	(NA)
Information technology jobs	46	44	44	47
Managerial, professional, and technical jobs	41	33	31	41
Workforce education	13	14	15	16
Immigration of knowledge workers	7	28	23	25
Internal migration of U.S. knowledge workers	4	5	10	17
Manufacturing value added	46	46	50	50
High-wage traded services	46	39	42	39
Globalization	(NA)	30	(NA)	(NA)
Export focus of manufacturing and services	49	40	50	41
Foreign direct investment	8	19	23	6
High-tech exports	(NA)	(NA)	(NA)	49
Economic dynamism	(NA)	48	(NA)	(NA)
Job churning (Business churning in 2017)	32	33	31	33
Fast-growing firms	44	43	32	44
Initial public offerings	34	32	36	14
Entrepreneurial activity	45	46	26	(NA)
Inventor patents	41	39	40	36
Digital economy	(NA)	32	(NA)	(NA)
Online population	21	34	(NA)	(NA)
E-government	25	25	24	21
Online agriculture	31	26	26	28
Broadband telecommunications	19	26	40	36
Health IT	31	27	49	50
Innovation capacity	(NA)	23	(NA)	(NA)
High-tech jobs	41	40	41	48
Scientists and engineers	45	39	41	46
Patents	42	3	34	15
Industry investment in R&D	44	27	34	25
Non-Industry investment in R&D	17	17	19	14
Movement toward a green economy	24	16	37	3
Venture capital	36	45	47	43

NA Not available.

Source: The Information Technology & Innovation Foundation, *The State New Economy Index 2010* <<http://www.itif.org/files/2010-state-new-economy-index.pdf>>; Ibid. 2012 <<http://www2.itif.org/2012-state-new-economy-index.pdf>> and 2012 Indicator Ranks (CSV) <<http://www2.itif.org/2012-snei-indicator-ranks.csv>> accessed January 11, 2013; Ibid 2014 "Indicator Scores By Rank" <<http://www2.itif.org/2014-snei-master-tables.pdf>> accessed June 19, 2014; and Ibid. 2017 <<http://www2.itif.org/2017-snei-master-tables.pdf>> accessed January 17, 2018.

**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	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: 1949 TO 2017**

[In dollars. Based on censuses made in April of following year for 1949 to 1999 and American Community Survey beginning with 2009]

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

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 <<http://factfinder.census.gov/home/en/datanotes/expsf4.htm>>.

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 FactFinder, American Community Survey 1-Year Estimates Hawaii Geographic Area Profiles "DP03 Selected Economic Characteristics" (annual) <<https://factfinder.census.gov/faces/nav/jsf/pages/searchresults.xhtml?refresh=t>> accessed January 25, 2019.

**Table 13.18-- MEDIAN INCOME OF FOUR-PERSON FAMILIES IN HAWAII AND THE UNITED STATES: 2005 TO 2017**

[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]

<b>Calendar year 1/</b>	<b>Hawaii (dollars)</b>	<b>United States (dollars)</b>	<b>Hawaii rank 2/</b>	<b>Hawaii as percent of U.S.</b>
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

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 Factfinder "American Community Survey 1-Year Estimates, Table B19119. Median Family Income In The Past 12 Months (In Inflation-Adjusted Dollars) By Family Size" (annual)

<<http://factfinder.census.gov/faces/nav/jsf/pages/searchresults.xhtml?refresh=t>> accessed January 19, 2019 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 2017 DOLLARS: 1984 TO 2017**

[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 2017 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
2012	56,263	-4.7	2,255	51,017	1.9	209
2013 1/	61,408	9.1	2,207	51,939	1.8	276
2013 2/	64,235	4.6	3,918	53,585	3.2	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	73,575	2.0	2,277	61,372	4.0	335

Continued on next page.

**Table 13.19 -- MEDIAN MONEY INCOME OF HOUSEHOLDS, FOR HAWAII AND THE UNITED STATES, IN CURRENT AND CONSTANT 2017 DOLLARS: 1984 TO 2017 -- Con.**

Year	Median income in constant (2017) dollars					
	Hawaii			United States		
	Amount (dollars)	Percent change	Standard error	Amount (dollars)	Percent change	Standard error
1984	65,072	(NA)	2,740	50,511	(NA)	230
1985	63,095	-3.0	3,150	51,455	1.9	279
1986	62,100	-1.6	2,582	53,309	3.6	276
1987	72,494	16.7	2,223	53,945	1.2	263
1988	65,975	-9.0	2,961	54,390	0.8	278
1989	67,061	1.6	2,542	55,329	1.7	304
1990	70,998	5.9	2,579	54,621	-1.3	279
1991	65,557	-7.7	2,869	53,025	-2.9	253
1992	72,325	10.3	2,464	52,615	-0.8	249
1993	71,466	-1.2	2,947	52,334	-0.5	245
1994	69,337	-3.0	3,976	52,942	1.2	241
1995	68,661	-1.0	2,070	54,600	3.1	316
1996	65,195	-5.0	2,954	55,394	1.5	279
1997	62,536	-4.1	2,137	56,533	2.1	261
1998	61,539	-1.6	3,571	58,612	3.7	347
1999	65,683	6.7	2,704	60,062	2.5	280
2000	73,579	12.0	1,703	59,938	-0.2	188
2001	65,842	-10.5	1,743	58,609	-2.2	179
2002	64,634	-1.8	1,873	57,947	-1.1	190
2003	69,253	7.1	1,780	57,875	-0.1	251
2004	73,165	5.6	2,199	57,674	-0.3	255
2005	74,976	2.5	1,525	58,291	1.1	195
2006	73,699	-1.7	1,915	58,746	0.8	252
2007	75,876	3.0	2,518	59,534	1.3	166
2008	70,215	-7.5	1,690	57,412	-3.6	156
2009	63,735	-9.2	2,317	57,010	-0.7	244
2010	67,084	5.3	3,077	55,520	-2.6	366
2011	64,496	-3.9	2,765	54,673	-1.5	274
2012	60,181	-6.7	2,412	54,569	-0.2	224
2013 1/	64,725	7.6	2,326	54,744	0.3	291
2013 2/	67,705	4.6	4,130	56,479	3.2	689
2014	73,820	9.0	2,774	55,613	-1.5	406
2015	66,751	-9.6	2,938	58,476	5.1	332
2016	73,684	10.4	2,564	60,309	3.1	445
2017	73,575	-0.1	2,227	61,372	1.8	335

Continued on next page.

**Table 13.19 -- MEDIAN MONEY INCOME OF HOUSEHOLDS, FOR HAWAII AND THE UNITED STATES, IN CURRENT AND CONSTANT 2017 DOLLARS: 1984 TO 2017 -- Con.**

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 income questions consistent with the 2013 CPS ASEC, approximately 68,000 addresses.

2/ The source of these 2013 estimates is the portion of the CPS ASEC sample which received the redesigned income questions, approximately 30,000 addresses.

Source: U.S. Census Bureau, Historical Income Tables - Households, Table H-8. Median Household Income by State: 1984 to 2017 <<https://www2.census.gov/programs-surveys/cps/tables/time-series/historical-income-households/h08.xls>> accessed January 25, 2019; 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 2017 DOLLARS: 1984 TO 2017**

[Based on small samples and subject to considerable sampling variation. Surveys conducted in March or April of following year. Median income in 2017 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	Median income, 2-year moving averages					
	Hawaii			United States		
	Income (dollars)	Percent change	Standard error	Income (dollars)	Percent change	Standard error
1984-1985	64,084	(NA)	2,423	50,983	(NA)	209
1985-1986	62,598	-2.3	2,360	52,382	2.7	228
1986-1987	67,297	7.5	1,977	53,627	2.4	221
1987-1988	69,234	2.9	2,140	54,167	1.0	222
1988-1989	66,518	-3.9	2,264	54,859	1.3	239
1989-1990	69,029	3.8	2,104	54,975	0.2	240
1990-1991	68,278	-1.1	2,240	53,823	-2.1	219
1991-1992	68,941	1.0	2,194	52,820	-1.9	206
1992-1993	71,896	4.3	2,227	52,474	-0.7	203
1993-1994	70,401	-2.1	2,859	52,638	0.3	200
1994-1995	68,999	-2.0	2,542	53,771	2.2	230
1995-1996	66,928	-3.0	2,079	54,997	2.3	245
1996-1997	63,866	-4.6	2,105	55,964	1.8	222
1997-1998	62,037	-2.9	2,380	57,572	2.9	251
1998-1999	63,611	2.5	2,589	59,337	3.1	258
1999-2000	69,631	9.5	1,833	60,000	1.1	194
2000-2001	69,710	0.1	1,416	59,274	-1.2	151
2001-2002	65,238	-6.4	1,486	58,278	-1.7	152
2002-2003	66,943	2.6	1,501	57,911	-0.6	182
2003-2004	71,209	6.4	1,639	57,775	-0.2	208
2004-2005	74,071	4.0	1,542	57,983	0.4	186
2005-2006	74,337	0.4	1,417	58,518	0.9	184
2006-2007	74,788	0.6	1,829	59,140	1.1	174
2007-2008	73,046	-2.3	1,745	58,473	-1.1	132
2008-2009	66,975	-8.3	1,656	57,211	-2.2	166
2009-2010	65,498	-2.2	2,556	56,184	-1.8	324
2010-2011	65,790	0.4	2,360	55,097	-1.9	278
2011-2012	62,338	-5.2	1,992	54,621	-0.9	205
2012-2013 1/	62,453	0.2	1,701	54,657	0.1	193
2014-2015 1/	70,285	12.5	2,197	57,044	4.4	262
2015-2016	70,218	-0.1	2,000	59,392	4.1	281
2016-2017	73,630	4.9	1,857	60,840	2.4	308

Continued on next page.

**Table 13.20- MEDIAN MONEY INCOME OF HOUSEHOLDS, FOR HAWAII AND THE UNITED STATES, 2-YEAR MOVING AVERAGES IN CONSTANT 2017 DOLLARS: 1984 TO 2017 -- Con.**

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 2017 Two-Year Moving Averages" <<https://www2.census.gov/programs-surveys/cps/tables/time-series/historical-income-households/h08a.xls>> accessed January 25, 2019 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 2017 DOLLARS: 1984 TO 2017**

[Based on small samples and subject to considerable sampling variation. From surveys conducted in March or April of following year. Median income in 2017 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)	Standard error	Rank 1/	United States (dollars)	Standard error	Rank btw. 1/
1984-1986	63,423	1,995	5	51,758	184	22 & 23
1985-1987	65,897	1,863	5	52,903	191	23 & 24
1986-1988	66,856	1,795	6	53,881	190	24 & 25
1987-1989	68,510	1,827	5	54,555	197	22 & 23
1988-1990	68,011	1,878	6	54,780	202	21 & 22
1989-1991	67,872	1,859	6	54,325	195	20 & 21
1990-1992	69,627	1,859	3	53,420	182	23 & 24
1991-1993	69,783	1,915	3	52,658	174	23 & 24
1992-1994	71,043	2,207	2	52,630	171	23 & 24
1993-1995	69,821	2,179	2	53,292	186	22 & 23
1994-1996	67,731	2,078	3	54,312	197	22 & 23
1995-1997	65,464	1,709	5	55,509	200	22 & 23
1996-1998	63,090	1,995	14	56,846	206	22 & 23
1997-1999	63,252	2,020	16	58,402	210	22 & 23
1998-2000	66,933	1,913	10	59,537	194	21 & 22
1999-2001	68,368	1,436	9	59,537	152	20 & 21
2000-2002	68,018	1,239	10	58,832	130	24 & 25
2001-2003	66,576	1,262	11	58,144	145	24 & 25
2002-2004	69,017	1,357	8	57,832	164	20 & 21
2003-2005	72,465	1,309	4	57,947	165	21 & 22
2004-2006	73,947	1,300	3	58,237	162	22 & 23
2005-2007	74,850	1,405	4	58,857	146	20 & 21
2006-2008	73,264	1,461	5	58,564	135	22 & 23
2007-2009	69,942	1,501	7	57,985	132	22 & 23
2008-2010	66,624	1,492	10	56,711	151	26 & 27
2009-2011	65,164	2,186	9	55,680	270	26 & 27
2010-2012	63,920	1,947	11	54,921	226	24 & 25
2011-2013 2/	63,134	1,524	12	54,663	180	26 & 27
2013-2015 2/	69,425	2,077	6	56,856	294	25 & 26
2014-2016 2/	71,418	1,751	6	58,133	235	27 & 28
2015-2017 2/	71,337	1,513	10	60,052	241	25 & 26

Continued on next page.

**Table 13.21-- MEDIAN MONEY INCOME OF HOUSEHOLDS, FOR HAWAII AND THE UNITED STATES, 3-YEAR MOVING AVERAGES IN CONSTANT 2017 DOLLARS: 1984 TO 2017 -- Con.**

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 2017 Three-Year Moving Averages" <<http://www2.census.gov/programs-surveys/cps/tables/time-series/historical-income-households/h08b.xls>> accessed January 25, 2019; 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): 2013-2017**

[Average of the 5-year period]

Geographic area	Median income (dollars) 1/		Percent below poverty level 2/	
	Households	Families	Persons	Families
State	74,923	87,024	10.3	7.0
County: Hawaii	56,395	66,165	17.4	12.7
Honolulu	80,078	93,367	9.1	5.9
Kalawao	61,750	113,125	12.7	20.0
Kauai	72,330	85,517	9.1	6.6
Maui	72,762	82,641	10.0	6.6
CDP: Hilo	57,151	69,786	19.0	13.2
East Honolulu	120,233	134,982	3.3	2.4
Kailua (Oahu)	114,381	123,464	5.0	2.8
Kaneohe	97,598	105,168	6.0	3.1
Pearl City	91,122	101,977	4.6	3.5
Urban Honolulu	65,707	81,544	11.6	7.7
Waipahu	75,856	81,190	11.8	9.0
Kahului	76,141	79,211	9.8	5.2
Lihue	65,513	84,979	6.3	3.1

1/ Inflation- adjusted 2017 dollars for 2013-2017.

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.

Source: U.S. Census Bureau, 2013-2017 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://factfinder.census.gov/faces/nav/jsf/pages/searchresults.xhtml?refresh=t>> accessed April 18, 2019.

**Table 13.23-- ESTIMATED MEDIAN HOUSEHOLD INCOME AND POVERTY STATUS, BY COUNTY: 2015 TO 2017**

[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 "good" an estimate is; 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 household income	Persons in poverty 1/		Persons under 18 in poverty	
	Dollars	Number	Percent	Number	Percent
2015					
State total	73,097	149,091	10.7	44,299	14.5
Hawaii	54,914	35,294	18.3	12,088	28.5
Honolulu	76,544	88,536	9.2	24,207	11.5
Kalawao 2/	(NA)	(NA)	(NA)	(NA)	(NA)
Kauai	70,122	7,928	11.2	2,495	15.9
Maui 2/	68,684	17,333	10.7	5,508	15.3
2016					
State total	74,659	132,597	9.5	33,801	11.2
Hawaii	54,684	29,962	15.4	8,133	19.3
Honolulu	80,012	81,341	8.5	19,779	9.5
Kalawao 2/	(NA)	(NA)	(NA)	(NA)	(NA)
Kauai	63,164	5,716	8.1	1,707	10.8
Maui 2/	69,699	15,578	9.5	4,181	11.7
2017					
State total	76,340	132,201	9.5	35,572	11.9
Hawaii	53,296	29,604	15.0	8,938	20.9
Honolulu	79,642	79,084	8.3	20,432	9.9
Kalawao 2/	(NA)	(NA)	(NA)	(NA)	(NA)
Kauai	70,744	7,172	10.1	2,032	13.0
Maui 2/	72,812	16,342	10.0	4,169	11.8

NA Not available.

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

2/ Kalawao is a Census-designated county but is included in Maui County for other consideration.

Source: U.S. Census Bureau, Small Area Income and Poverty Estimates  
 <<https://www.census.gov/programs-surveys/saipe/data/datasets.All.html>> accessed January 25, 2019.

**Table 13.24-- INCOME OF HOUSEHOLDS AND FAMILIES: 2015 TO 2017**

[Data based on a sample. For information on using the American Community Survey results see <[http://www.census.gov/acs/www/guidance\\_for\\_data\\_users/guidance\\_main/](http://www.census.gov/acs/www/guidance_for_data_users/guidance_main/)>]

Income	Households		Families	
	Number	Percent	Number	Percent
2015 (in 2015 inflation-adjusted dollars)	445,936	100.0	309,386	100.0
Less than \$10,000	23,431	5.3	8,763	2.8
\$10,000 to \$14,999	14,298	3.2	6,275	2.0
\$15,000 to \$24,999	30,457	6.8	12,813	4.1
\$25,000 to \$34,999	30,273	6.8	17,034	5.5
\$35,000 to \$49,999	48,444	10.9	31,017	10.0
\$50,000 to \$74,999	79,554	17.8	57,310	18.5
\$75,000 to \$99,999	64,879	14.5	48,463	15.7
\$100,000 to \$149,999	83,618	18.8	68,830	22.2
\$150,000 to \$199,999	38,040	8.5	31,469	10.2
\$200,000 or more	32,942	7.4	27,412	8.9
Median income (dollars)	73,486	(X)	83,823	(X)
2016 (in 2016 inflation-adjusted dollars)	455,868	100.0	315,505	100.0
Less than \$10,000	25,137	5.5	7,961	2.5
\$10,000 to \$14,999	16,648	3.7	6,353	2.0
\$15,000 to \$24,999	28,509	6.3	12,893	4.1
\$25,000 to \$34,999	30,369	6.7	19,370	6.1
\$35,000 to \$49,999	47,723	10.5	29,231	9.3
\$50,000 to \$74,999	80,844	17.7	56,695	18.0
\$75,000 to \$99,999	62,561	13.7	49,534	15.7
\$100,000 to \$149,999	85,157	18.7	68,068	21.6
\$150,000 to \$199,999	37,177	8.2	30,886	9.8
\$200,000 or more	41,743	9.2	34,514	10.9
Median income (dollars)	74,511	(X)	86,768	(X)
2017 (in 2017 inflation-adjusted dollars)	458,078	100.0	320,336	100.0
Less than \$10,000	28,417	6.2	11,833	3.7
\$10,000 to \$14,999	13,429	2.9	5,088	1.6
\$15,000 to \$24,999	27,794	6.1	12,973	4.0
\$25,000 to \$34,999	28,836	6.3	15,523	4.8
\$35,000 to \$49,999	48,712	10.6	29,490	9.2
\$50,000 to \$74,999	73,602	16.1	50,032	15.6
\$75,000 to \$99,999	67,589	14.8	52,341	16.3
\$100,000 to \$149,999	85,330	18.6	72,462	22.6
\$150,000 to \$199,999	42,481	9.3	37,088	11.6
\$200,000 or more	41,888	9.1	33,506	10.5
Median income (dollars)	77,765	(X)	91,460	(X)

X Not applicable.

Source: U.S. Census Bureau, American Community Survey 1-Year Estimates, Hawaii (annual) "DP03: Selected Economic Characteristics"

<<https://factfinder.census.gov/faces/nav/jsf/pages/searchresults.xhtml?refresh=t>> accessed January 25, 2019.

**Table 13.25-- INCOME TYPE AND PER CAPITA INCOME, BY COUNTY: 2012-2016 AND 2013-2017**

[Averages of 5-year periods, where the periods are not comparable as they share 4 years of data and the inflation-adjustments use different bases]

Subject	State total	City & County of Honolulu	County of Hawaii	County of Kalawao	County of Kauai	County of Maui
Households 2012- 2016						
With earnings (number)	365,446	255,874	48,082	48	17,506	43,936
Mean earnings (dollars) 1/	86,812	91,494	68,007	71,871	80,423	82,684
With Social Security income (number)	154,305	102,166	25,662	13	8,228	18,236
Mean Social Security income (dollars) 1/	18,529	18,680	17,848	6,700	18,749	18,554
With retirement income (number)	105,379	74,028	14,805	13	5,089	11,444
Mean retirement income (dollars) 1/	28,661	29,941	26,336	16,131	26,433	24,393
With Supplemental Security income (number)	19,119	12,394	3,751	1	946	2,027
Mean Supplemental Security income (dollars) 1/	9,263	9,163	9,483	(2/)	9,047	9,566
With cash public assistance income (number)	15,865	10,270	3,118	2	820	1,655
Mean cash public assistance income (dollars) 1/	4,579	4,416	4,863	(2/)	5,132	4,773
With Food Stamp/SNAP benefits in the past 12 months	52,270	30,671	12,901	2	2,259	6,437
Per capita income (dollars) 1/	30,970	32,194	25,827	45,812	28,791	30,599
Households 2013- 2017						
With earnings (number)	367,114	256,446	48,854	44	17,676	44,094
Mean earnings (dollars) 1/	91,120	95,755	70,808	75,870	84,514	89,331
With Social Security income (number)	159,171	104,707	12,851	6	8,277	19,330
Mean Social Security income (dollars) 1/	19,076	19,248	18,510	8,967	19,306	18,836
With retirement income (number)	107,359	75,478	15,161	6	4,982	11,732
Mean retirement income (dollars) 1/	29,585	30,972	27,376	23,833	27,778	24,280
With Supplemental Security income (number)	19,396	12,524	3,840	3	853	2,176
Mean Supplemental Security income (dollars) 1/	9,396	9,179	9,943	(2/)	9,341	9,713
With cash public assistance income (number)	15,600	10,277	2,937	5	698	1,683
Mean cash public assistance income (dollars) 1/	4,315	4,121	4,744	(2/)	4,609	4,626
With Food Stamp/SNAP benefits in the past 12 months	52,059	31,128	13,098	3	2,124	5,706
Per capita income (dollars) 1/	32,511	33,776	26,959	46,024	30,515	32,379

1/ In 2016-inflation adjusted dollars for 2012-2016, and 2017-inflation adjusted dollars for 2013-2017.

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

Source: U.S. Census Bureau, American Community Survey 5-Year Estimates 2012-2016, "DP03: Selected Economic Characteristics: Hawaii State, and Counties" <<https://factfinder.census.gov/faces/nav/jsf/pages/searchresults.xhtml?refresh=t>> accessed January 18, 2018; and Ibid. 2013- 2017 <<https://factfinder.census.gov/faces/nav/jsf/pages/searchresults.xhtml?refresh=t>> accessed January 25, 2019.

**Table 13.26-- POVERTY STATUS OF PERSONS: 1980 TO 2017**

[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]

<b>Year</b>	<b>Total (1,000)</b>	<b>Number (1,000)</b>	<b>Standard error</b>	<b>Percent</b>	<b>Standard error</b>
1980	954	81	25	8.5	2.5
1981	953	108	29	11.3	2.9
1982	997	132	32	13.2	3.0
1983	998	129	19	12.9	1.8
1984	997	92	27	9.3	2.6
1985	1,018	109	18	10.7	1.7
1986	1,024	109	18	10.7	1.7
1987	1,086	95	16	8.8	1.5
1988	1,051	117	18	11.1	1.7
1989	1,086	122	19	11.3	1.8
1990	1,100	121	19	11.0	1.7
1991	1,164	90	17	7.7	1.4
1992	1,187	133	20	11.2	1.7
1993	1,135	91	17	8.0	1.5
1994	1,106	97	17	8.7	1.6
1995	1,187	122	20	10.3	1.7
1996	1,172	142	23	12.1	1.8
1997	1,182	164	24	13.9	1.9
1998	1,201	131	22	10.9	1.7
1999	1,225	133	22	10.8	1.7
2000	1,195	106	12	8.9	0.9
2001	1,205	138	13	11.4	1.1
2002	1,219	138	14	11.3	1.0
2003	1,250	117	12	9.3	1.0
2004 1/	1,244	106	12	8.6	1.0
2005 1/	1,274	110	12	8.6	1.0
2006 1/	1,254	116	13	9.2	1.0
2007 1/	1,264	94	12	7.5	0.9
2008 1/	1,255	125	13	9.9	1.1
2009 1/	1,250	156	14	12.5	1.2
2010 1/	1,311	162	15	12.4	1.2
2011 1/	1,337	162	18	12.1	1.4
2012 1/	1,356	188	21	13.8	1.6
2013 1/ 2/	1,368	152	16	11.1	1.2
2013 1/ 3/	1,338	142	24	10.6	1.8
2014 1/	1,365	147	16	10.8	1.1
2015 1/	1,382	151	16	10.9	1.1
2016 1/	1,392	129	17	9.3	1.2
2017 1/	1,402	144	18	10.3	1.3

Continued on next page.

## **Table 13.26-- POVERTY STATUS OF PERSONS: 1980 TO 2017 -- Con.**

1/ For the United States, the poverty rate was 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, and 12.3 percent in 2017.

2/ Data are based on the CPS ASEC sample of 68,000 addresses. 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 the 2013 data for this table is the portion of the CPS ASEC sample which received the income questions consistent with the 2013 CPS ASEC, approximately 68,000 addresses.

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.

Source: U.S. Bureau of the Census, Historical Poverty Tables - People, Tables 19 and 21  
<<https://www.census.gov/data/tables/time-series/demo/income-poverty/historical-poverty-people.html>>  
accessed January 25, 2019.

**Table 13.27-- POVERTY STATUS, FOR THE STATE AND BY COUNTY: 2013-2017**

[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 2013-2017. Data in percent below poverty level]

Subject	State total	City & County of Honolulu	Hawaii County	Kalawao County	Kauai County	Maui County
All families	7.0	5.9	12.7	20.0	6.6	6.6
With related children under 18 years	10.2	8.6	20.5	(1/)	7.7	9.5
With related children under 5 years only	9.6	7.5	23.7	(1/)	7.4	10.1
Married couple families	4.1	3.5	7.0	20.0	4.1	3.9
With related children under 18 years	4.9	4.4	8.6	(1/)	3.1	5.0
With related children under 5 years only	3.3	3.2	5.3	(1/)	2.0	2.1
Families with female householder, no husband present	18.1	16.0	30.1	(1/)	15.7	16.5
With related children under 18 years	26.9	24.9	41.6	(1/)	18.5	21.0
With related children under 5 years only	36.3	32.5	53.4	(1/)	18.1	36.1
All people	10.3	9.1	17.4	13.7	9.1	10.0
Under 18 years	12.9	11.3	23.7	(1/)	8.3	11.8
Related children under 18 years	12.4	10.7	23.4	(1/)	8.0	11.0
Related children under 5 years	13.8	11.3	28.0	(1/)	9.6	14.0
Related children 5 to 17 years	11.9	10.5	21.6	(1/)	7.4	9.8
18 years and over	9.6	8.5	15.7	12.7	9.4	9.5
18 to 64 years	10.1	8.7	17.6	11.1	9.8	9.8
65 years and over	8.0	7.7	9.4	28.6	7.9	8.4
People in families	7.3	6.2	13.8	15.2	6.0	6.7
Unrelated individuals 15 years and over	24.9	23.6	32.3	10.9	23.6	23.3

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

Source: U.S. Census Bureau, 2013-2017 American Community Survey 5-Year Estimates, "DP03: Selected Economic Characteristics: Hawaii State, and Counties" <<https://factfinder.census.gov/faces/nav/jsf/pages/searchresults.xhtml?refresh=t>> accessed April 18, 2019.

**Table 13.28-- POVERTY INCOME GUIDELINES FOR HAWAII, THE 48 CONTIGUOUS STATES, AND ALASKA: 2010 TO 2019**

[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	
Aug. 3, 2010	12,460	16,760	21,060	25,360	29,660	33,960	38,260	42,560	4,300
Jan. 20, 2011	12,540	16,930	21,320	25,710	30,100	34,490	38,880	43,270	4,390
Jan. 26, 2012	12,860	17,410	21,960	26,510	31,060	35,610	40,160	44,710	4,550
Jan. 24, 2013	13,230	17,850	22,470	27,090	31,710	36,330	40,950	45,570	4,620
Jan. 22, 2014	13,420	18,090	22,760	27,430	32,100	36,770	41,440	46,110	4,670
Jan. 22, 2015	13,550	18,330	23,110	27,890	32,670	37,450	42,230	47,010	4,780
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
Aug. 3, 2010									
U.S. 1/	10,830	14,570	18,310	22,050	25,790	29,530	33,270	37,010	3,740
Alaska	13,530	18,210	22,890	27,570	32,250	36,930	41,610	46,290	4,680
Jan. 20, 2011									
U.S. 1/	10,890	14,710	18,530	22,350	26,170	29,990	33,810	37,630	3,820
Alaska	13,600	18,380	23,160	27,940	32,720	37,500	42,280	47,060	4,780
Jan. 26, 2012									
U.S. 1/	11,170	15,130	19,090	23,050	27,010	30,970	34,930	38,890	3,960
Alaska	13,970	18,920	23,870	28,820	33,770	38,720	43,670	48,620	4,950
Jan. 24, 2013									
U.S. 1/	11,490	15,510	19,530	23,550	27,570	31,590	35,610	39,630	4,020
Alaska	14,350	19,380	24,410	29,440	34,470	39,500	44,530	49,560	5,030
Jan. 22, 2014									
U.S. 1/	11,670	15,730	19,790	23,850	27,910	31,970	36,030	40,090	4,060
Alaska	14,580	19,660	24,740	29,820	34,900	39,980	45,060	50,140	5,080
Jan. 22, 2015									
U.S. 1/	11,770	15,930	20,090	24,250	28,410	32,570	36,730	40,890	4,160
Alaska	14,720	19,920	25,120	30,320	35,520	40,720	45,920	51,120	5,200
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

Continued on next page.

**Table 13.28-- POVERTY INCOME GUIDELINES FOR HAWAII, THE 48 CONTIGUOUS STATES, AND ALASKA: 2010 TO 2019 -- 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 2010 <<http://aspe.hhs.gov/poverty/10poverty.shtml>> accessed August 3, 2010; for 2011 <<http://aspe.hhs.gov/poverty/11poverty.shtml>> accessed March 16, 2011; for 2012 <<http://aspe.hhs.gov/poverty/12poverty.shtml>> accessed March 27, 2012; for 2013 <<http://aspe.hhs.gov/poverty/13poverty.cfm>> accessed May 15, 2013; for 2014 <<http://aspe.hhs.gov/poverty/14poverty.cfm>> accessed February 21, 2014; for 2015 <<http://aspe.hhs.gov/poverty/15poverty.cfm>> accessed February 21, 2015; for 2016 <<https://federalregister.gov/a/2016-01450>> accessed February 1, 2016; for 2017 <<https://federalregister.gov/a/2017-02076>> accessed February 1, 2017; and 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.

**Table 13.29-- AVERAGE ANNUAL EXPENDITURES AND OTHER CHARACTERISTICS OF CONSUMER UNITS, FOR HONOLULU: 2000-2001 TO 2004-2005**

[Annual averages for two-year periods. The Consumer Expenditure Survey (CES) for 2005-2006 was released by BLS on October 26, 2007; 2006-2007 on November 25, 2008; 2007-2008 on October 6, 2009; 2008-2009 on October 5, 2010; 2009-2010 on September 27, 2011; 2010-2011 on September 25, 2012; 2011-2012 on September 10, 2013; 2012-2013 on September 9, 2014; 2013-2014 on September 3, 2015; and 2014-2015 on August 30, 2016 with Honolulu excluded. An updated CES for Honolulu had been restored for 2015-2016 and released on August 29, 2017. See table later in this section for details]

Item	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005
Average annual expenditures	43,024	43,458	44,505	48,339	54,937
Food	6,722	6,418	5,819	6,666	8,089
Food at home	3,935	3,879	3,269	3,592	4,231
Cereals and bakery products	582	542	462	499	556
Meats, poultry, fish, and eggs	1,152	1,182	866	860	1,090
Dairy products	345	336	287	317	335
Fruits and vegetables	765	750	630	693	831
Other food at home	1,091	1,069	1,024	1,223	1,419
Food away from home	2,788	2,539	2,549	3,075	3,858
Alcoholic beverages	554	489	357	367	463
Housing	13,903	14,207	15,156	15,874	17,400
Shelter	9,460	9,470	10,067	10,324	10,887
Owned dwellings	4,966	4,810	5,367	5,629	6,516
Rented dwellings	3,986	4,030	3,971	4,160	3,960
Other lodging	509	630	728	535	411
Utilities, fuels, & public services	2,182	2,200	2,492	2,606	2,813
Household operations	647	569	707	770	692
Housekeeping supplies	539	567	480	593	817
Household furn. & equipment	1,075	1,402	1,410	1,582	2,191
Apparel and services	1,761	1,597	1,467	1,467	2,157
Transportation	6,523	7,230	8,023	8,778	9,921
Vehicle purchases (net outlay)	2,329	3,040	3,724	4,356	4,768
Gasoline and motor oil	1,176	1,124	1,142	1,277	1,658
Other vehicle expenses	2,103	2,194	2,208	2,218	2,427
Public transportation	915	873	948	927	1,069
Health care	2,252	2,365	2,617	2,668	2,600
Entertainment	2,066	2,249	2,276	2,941	3,126
Personal care products & services	691	594	542	649	772
Reading	163	161	170	149	128
Education	864	1,088	1,040	1,020	1,320
Tobacco prod. & smoking supplies	247	297	300	270	241
Miscellaneous	763	759	831	825	861
Cash contributions	1,672	1,278	1,226	1,218	1,112
Personal insurance and pensions	4,844	4,727	4,684	5,447	6,746
Life & other personal insurance	636	641	607	554	520
Pensions and Social Security	4,208	4,086	4,076	4,893	6,226

Continued on next page.

**Table 13.29-- AVERAGE ANNUAL EXPENDITURES AND OTHER CHARACTERISTICS OF CONSUMER UNITS, FOR HONOLULU: 2000-2001 TO 2004-2005 -- Con.**

Item	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005
Number of consumer units	279,000	276,000	275,000	273,000	278,000
Consumer unit characteristics					
Income before taxes 1/	54,819	56,000	59,114	64,082	70,104
Age of reference person	52.9	53.9	53.7	52.1	51.8
Average number in consumer unit					
Persons	2.8	2.8	2.8	2.7	2.8
Children under 18	0.7	0.7	0.6	0.5	0.6
Persons 65 and over	0.4	0.5	0.5	0.4	0.4
Earners	1.5	1.4	1.4	1.5	1.5
Vehicles	1.6	1.6	1.6	1.7	1.8
Percent homeowner	52	53	57	57	61

1/ 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 December 27, 2006.

**Table 13.30-- AVERAGE ANNUAL EXPENDITURES AND OTHER CHARACTERISTICS OF CONSUMER UNITS, FOR SELECTED WESTERN METROPOLITAN STATISTICAL AREAS: 2004-2005**

[Annual averages for two-year periods. Number in units, unless otherwise specified. Expenditures in dollars. The Consumer Expenditure Survey for 2005- 2006 was released by BLS on October 26, 2007; 2006- 2007 on November 25, 2008; 2007- 2008 on October 6, 2009; 2008- 2009 on October 5, 2010; 2009- 2010 on September 27, 2011; 2010- 2011 on September 25, 2012; 2011-2012 on September 10, 2013; 2012-2013 on September 9, 2014; 2013-2014 on September 3, 2015; and 2014-2015 on August 30, 2016 with Honolulu excluded. An updated CES for Honolulu had been restored for 2015-2016 and released on August 29, 2017. See table later in this section for details]

Item	All consumer units in the West	Honolulu	Los Angeles	San Francisco	San Diego	Portland	Seattle	Anchorage	Phoenix	Denver
Average annual expenditures	50,305	54,937	55,760	60,992	59,805	50,313	54,027	59,427	49,009	49,996
Food	6,280	8,089	7,062	7,581	6,437	6,377	6,904	6,412	6,434	6,251
Food at home	3,580	4,231	3,876	3,909	3,462	3,557	3,908	3,713	3,599	3,789
Cereals and bakery products	467	556	492	519	458	453	475	457	470	511
Meats, poultry, fish, and eggs	843	1,090	976	888	761	783	840	846	859	886
Dairy products	406	335	411	445	404	432	457	437	415	428
Fruits and vegetables	635	831	749	772	606	650	666	605	632	619
Other food at home	1,228	1,419	1,248	1,285	1,233	1,239	1,469	1,369	1,222	1,344
Food away from home	2,701	3,858	3,185	3,672	2,976	2,820	2,996	2,698	2,835	2,462
Alcoholic beverages	517	463	485	628	613	526	781	636	585	635
Housing	16,828	17,400	19,911	22,885	21,484	16,039	17,483	18,764	14,719	15,772
Shelter	10,480	10,887	13,030	15,947	14,511	9,862	10,741	11,391	8,414	10,078
Owned dwellings	6,670	6,516	8,122	10,068	9,118	6,650	7,144	7,814	5,911	6,613
Rented dwellings	3,231	3,960	4,383	4,928	4,627	2,535	2,737	2,850	2,100	2,936
Other lodging	579	411	524	951	767	677	860	727	402	530
Utilities, fuels, and public services	2,795	2,813	2,908	2,711	2,767	2,878	2,769	3,228	3,057	3,013
Household operations	904	692	1,224	1,384	1,561	933	725	985	984	722
Housekeeping supplies	618	817	632	634	646	553	706	771	605	548
Household furn. & equipment	2,030	2,191	2,119	2,210	1,999	1,813	2,541	2,388	1,659	1,411
Apparel and services	1,954	2,157	2,386	2,382	1,935	1,822	1,833	1,820	1,876	1,755
Transportation	9,498	9,921	10,972	9,518	11,301	8,845	9,491	12,596	10,549	8,646
Vehicle purchases (net outlay)	4,268	4,768	4,996	3,347	5,681	3,964	3,897	6,082	5,490	3,529
Gasoline and motor oil	1,966	1,658	2,312	1,922	2,094	1,742	1,914	2,157	1,769	1,755
Other vehicle expenses	2,658	2,427	3,029	3,296	2,587	2,542	2,813	3,239	2,911	2,573
Public transportation	606	1,069	635	953	939	596	867	1,119	380	789

Continued on next page.

**Table 13.30-- AVERAGE ANNUAL EXPENDITURES AND OTHER CHARACTERISTICS OF CONSUMER UNITS, FOR SELECTED WESTERN METROPOLITAN STATISTICAL AREAS: 2004-2005 -- Con.**

Item	All consumer units in the West	Hono-lulu	Los Angeles	San Fran-cisco	San Diego	Port-land	Seattle	Anchor-age	Phoenix	Denver
Health care	2,602	2,600	2,275	2,773	3,038	2,693	2,910	3,397	2,890	2,724
Entertainment	2,636	3,126	2,719	2,938	2,653	3,057	3,002	3,420	2,355	3,227
Personal care products and services	621	772	798	664	805	578	625	615	666	636
Reading	153	128	158	212	192	188	214	218	132	144
Education	1,039	1,320	960	1,107	1,245	1,200	1,217	842	739	1,573
Tobacco prod. & smoking supplies	239	241	179	143	136	344	236	440	373	308
Miscellaneous	910	861	848	1,014	940	1,303	1,004	1,227	786	1,010
Cash contributions	1,576	1,112	1,272	1,607	2,520	1,775	2,070	1,853	1,662	1,624
Personal insurance and pensions	5,451	6,746	5,736	7,538	6,507	5,565	6,256	7,187	5,243	5,689
Life and other personal insurance	343	520	298	336	423	367	346	581	400	240
Pensions and Social Security	5,108	6,226	5,438	7,202	6,084	5,198	5,910	6,606	4,843	5,449
Number of consumer units (in 1,000's)	25,872	278	5,112	2,724	892	1,052	1,801	119	1,423	1,270
Consumer unit characteristics										
Income before taxes 1/	60,730	70,104	65,810	86,935	69,067	56,702	63,888	71,031	60,726	65,224
Age of reference person	47.0	51.8	46.9	47.0	50.1	47.9	47.8	45.8	45.7	45.6
Average number in consumer unit										
Persons	2.6	2.8	2.9	2.6	2.6	2.5	2.3	2.5	2.6	2.4
Children under 18	0.7	0.6	0.8	0.6	0.6	0.6	0.5	0.7	0.8	0.6
Persons 65 and over	0.3	0.4	0.3	0.3	0.4	0.3	0.2	0.2	0.3	0.3
Earners	1.4	1.5	1.5	1.4	1.4	1.4	1.5	1.5	1.3	1.4
Vehicles	2.1	1.8	1.9	1.8	1.9	2.2	2.4	2.5	1.8	1.9
Percent homeowner	62.0	61.0	58.0	56.0	63.0	63.0	66.0	71.0	70.0	64.0

1/ 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 2004-2005 <<http://www.bls.gov/cex/2005/msas/west.pdf>> accessed December 27, 2006.

**Table 13.31-- AVERAGE ANNUAL EXPENDITURES AND OTHER CHARACTERISTICS OF CONSUMER UNITS, FOR SELECTED WESTERN METROPOLITAN STATISTICAL AREAS: 2016-2017**

[Averages over two-year period. Number in units, unless otherwise specified. Expenditures in dollars. See also "Consumer Expenditures for the Honolulu Metropolitan Area: 2015-16" <[https://www.bls.gov/regions/west/news-release/2017/consumerexpenditures\\_honolulu\\_20171205.htm](https://www.bls.gov/regions/west/news-release/2017/consumerexpenditures_honolulu_20171205.htm)>]

Item	All consumer units in the West 1/	Honolulu	Los Angeles	San Francisco	San Diego	Seattle	Phoenix	Denver	Anchorage
Average annual expenditures	66,704	65,099	66,971	79,291	79,585	83,790	62,072	74,088	71,606
Food	8,571	10,036	8,727	8,918	9,984	10,958	6,856	8,855	8,306
Food at home	4,742	5,161	4,466	4,487	5,364	5,978	3,938	5,057	5,284
Cereals and bakery products	596	511	549	599	638	754	513	622	655
Meats, poultry, fish, and eggs	1,008	1,349	1,050	1,021	1,224	1,179	825	1,127	1,073
Dairy products	486	413	423	449	520	605	364	502	502
Fruits and vegetables	958	1,071	970	972	997	1,362	676	1,047	992
Other food at home	1,694	1,816	1,474	1,447	1,985	2,078	1,559	1,758	2,062
Food away from home	3,829	4,875	4,262	4,431	4,620	4,980	2,918	3,798	3,022
Alcoholic beverages	663	658	620	875	1,112	986	485	771	788
Housing	22,612	24,355	24,331	32,656	28,595	26,965	19,491	25,059	23,039
Shelter	14,210	16,502	16,454	22,885	18,677	17,241	10,634	15,452	14,231
Owned dwellings	7,514	6,982	7,822	11,958	10,855	9,377	5,738	8,388	7,966
Rented dwellings	5,845	8,769	7,881	9,652	6,807	6,881	4,113	5,727	5,342
Other lodging	851	751	751	1,275	1,016	982	783	1,337	924
Utilities, fuels, and public services	3,847	4,203	3,757	4,258	3,760	3,964	4,071	4,015	4,590
Household operations	1,565	1,441	1,583	2,580	2,081	2,461	1,702	1,910	1,407
Housekeeping supplies	788	716	761	560	876	775	822	962	719
Household furnishings and equip.	2,203	1,492	1,775	2,373	3,200	2,524	2,262	2,720	2,092
Apparel and services	2,054	1,667	2,150	1,878	2,563	3,884	1,635	2,387	1,648
Transportation	10,217	7,391	9,741	7,994	10,592	12,810	9,985	11,841	12,446
Vehicle purchases (net outlay)	4,170	1,954	3,346	1,904	3,188	5,363	4,430	5,261	5,850
Gasoline and motor oil	2,180	1,794	2,601	1,927	2,432	2,032	1,914	2,028	2,307
Other vehicle expenses	3,004	2,156	2,950	2,544	3,781	4,037	2,895	3,218	2,780
Public and other transportation	863	1,488	845	1,619	1,191	1,378	747	1,334	1,510

Continued on next page.

**Table 13.31-- AVERAGE ANNUAL EXPENDITURES AND OTHER CHARACTERISTICS OF CONSUMER UNITS, FOR SELECTED WESTERN METROPOLITAN STATISTICAL AREAS: 2016-2017 -- Con.**

Item	All consumer units in the West 1/	Honolulu	Los Angeles	San Francisco	San Diego	Seattle	Phoenix	Denver	Anchorage
Healthcare	4,857	3,977	3,956	5,013	5,272	5,546	5,328	6,046	4,557
Entertainment	3,540	3,285	2,764	3,413	4,513	4,295	3,138	4,340	4,346
Personal care products and services	854	705	868	949	1,086	841	795	1,215	778
Reading	143	77	110	217	192	200	141	141	121
Education	1,518	1,820	2,024	3,214	2,453	2,036	1,129	1,430	1,523
Tobacco products & smoking supplies	249	101	190	82	189	257	402	310	482
Miscellaneous	1,275	597	1,430	1,335	1,322	1,527	912	1,178	1,526
Cash contributions	2,268	3,512	1,522	2,412	2,038	3,502	1,452	2,397	1,867
Personal insurance and pensions	7,882	6,919	8,538	10,336	9,673	9,983	10,323	8,119	10,179
Life and other personal insurance	322	251	307	278	625	376	266	317	455
Pensions and Social Security	7,560	6,668	8,231	10,059	9,049	9,608	10,057	7,802	9,724
Number of consumer units (1,000's)	28,601	532	6,337	1,749	1,244	1,640	1,420	1,422	206
Consumer unit characteristics									
Income before taxes	85,107	93,672	76,471	124,002	99,931	117,844	73,834	105,790	96,094
Age of reference person	49.8	53.0	49.8	49.6	49.2	47.9	50.0	46.7	49.1
Average number in consumer unit									
People	2.7	2.7	2.8	2.5	2.7	2.4	2.5	2.5	2.6
Children under 18	0.7	0.6	0.7	0.5	0.7	0.5	0.7	0.6	0.6
Adults 65 and older	0.4	0.5	0.3	0.4	0.3	0.3	0.4	0.3	0.3
Earners	1.4	1.4	1.5	1.4	1.4	1.5	1.3	1.5	1.5
Vehicles	2.1	1.7	1.7	1.8	2.2	1.9	1.8	2.0	2.5
Percent homeowner	58.0	54.0	52.0	55.0	56.0	59.0	63.0	62.0	60.0

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 2018) <<https://www.bls.gov/cex/tables.htm>> accessed January 25, 2019.

**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: 2010 TO 2017**

[In millions of current dollars. BEA revised estimates in this series 1997 to 2016]

Industry	2010	2011	2012	2013	2014	2015	2016	2017
Personal consumption expenditures (PCE)	48,197	50,615	53,034	54,876	57,739	60,117	62,807	65,768
Goods	15,531	16,292	16,859	17,428	18,119	18,468	19,139	20,067
Durable goods	4,827	5,062	5,363	5,597	5,842	6,100	6,320	6,676
Motor vehicles & parts	1,237	1,329	1,434	1,537	1,623	1,740	1,784	1,830
Furnishings & durable household equipment	1,116	1,133	1,163	1,203	1,253	1,301	1,363	1,437
Recreational goods & vehicles	1,777	1,795	1,908	1,978	2,054	2,126	2,240	2,388
Other durable goods	697	805	858	880	911	933	934	1,021
Nondurable goods	10,704	11,230	11,496	11,831	12,277	12,369	12,819	13,391
Food & beverages purchased for off-premises consumption	4,553	4,760	4,800	5,016	5,210	5,350	5,576	5,826
Clothing and footwear	999	1,096	1,175	1,166	1,180	1,188	1,215	1,279
Gasoline & other energy goods	1,002	1,163	1,153	1,095	1,016	743	711	784
Other nondurable goods	4,150	4,211	4,367	4,554	4,871	5,087	5,317	5,502
Services	32,666	34,323	36,176	37,448	39,620	41,649	43,668	45,701
Household consumption expenditures (for services)	30,537	32,128	33,754	35,024	37,028	39,043	40,833	42,774
Housing and utilities	10,085	10,732	11,216	11,671	12,372	13,017	13,565	14,056
Health care	6,956	7,048	7,431	7,590	7,982	8,600	9,245	9,857
Transportation services	1,375	1,551	1,660	1,781	1,854	1,892	1,945	2,043
Recreation services	1,546	1,573	1,801	1,920	1,992	2,039	2,039	2,104
Food services & accom.	2,354	2,548	2,784	2,930	3,113	3,305	3,497	3,649
Financial services & insurance	3,764	4,041	4,071	4,214	4,543	4,823	5,001	5,276
Other services	4,457	4,635	4,791	4,918	5,173	5,368	5,542	5,788
Final consumption expenditures of nonprofit institutions serving households (NPISHs)	2,129	2,195	2,422	2,424	2,592	2,606	2,836	2,927
Gross output of nonprofit institutions	5,919	6,176	6,645	6,797	7,248	7,574	8,149	8,483
Less: Receipts from sales of goods & serv. by nonprof. inst	3,790	3,981	4,223	4,373	4,656	4,968	5,314	5,556

Source: U.S. Bureau of Economic Analysis, Interactive Tables: SAEXP1 Total personal consumption expenditures (PCE) by state: 1997-2017  
<https://www.bea.gov/itable/iTable.cfm?ReqID=70&step=1#reqid=70&step=1&isuri=1> accessed October 4, 2018. See also "Personal Consumption Expenditures, By State: 2017" (October 4, 2018)  
<https://www.bea.gov/news/2018/personal-consumption-expenditures-state-2017> accessed October 4, 2018.

**Table 13.38-- PERSONAL CONSUMPTION EXPENDITURES PER CAPITA,  
BY MAJOR TYPE OF PRODUCT: 2010 TO 2017**

[Per capita PCE estimates are in current dollars, and reflect Census Bureau midyear population estimates, for years 2010-2017 available as of December 2017. Per capita values are computed from unrounded data. BEA revised estimates in this series 1997 to 2016]

Industry	2010	2011	2012	2013	2014	2015	2016	2017
Personal consumption expend. (PCE) per cap.	35,340	36,722	38,078	38,973	40,727	42,148	43,961	46,071
Goods	11,388	11,820	12,104	12,377	12,780	12,948	13,396	14,057
Durable goods	3,539	3,673	3,850	3,975	4,121	4,277	4,424	4,677
Motor vehicles & parts	907	964	1,029	1,091	1,145	1,220	1,249	1,282
Furnishings & durable household equipment	818	822	835	854	884	912	954	1,007
Rec. goods & vehicles	1,303	1,302	1,370	1,405	1,449	1,490	1,568	1,673
Other durable goods	511	584	616	625	643	654	653	715
Nondurable goods	7,849	8,147	8,254	8,402	8,660	8,672	8,972	9,380
Food & bev. purchased for off-premises consumption	3,338	3,453	3,446	3,562	3,675	3,751	3,903	4,081
Clothing and footwear	733	795	844	828	833	833	851	896
Gasoline & other energy goods	735	844	828	778	716	521	497	549
Other nondurable goods	3,043	3,055	3,135	3,234	3,436	3,567	3,722	3,854
Services	23,952	24,902	25,974	26,596	27,947	29,200	30,565	32,014
Household consumption expenditures (for services)	22,391	23,309	24,235	24,874	26,118	27,373	28,581	29,963
Housing and utilities	7,395	7,786	8,053	8,289	8,727	9,126	9,495	9,847
Health care	5,100	5,113	5,335	5,391	5,630	6,029	6,471	6,905
Transportation services	1,008	1,125	1,192	1,265	1,308	1,326	1,361	1,431
Recreation services	1,133	1,141	1,293	1,364	1,405	1,429	1,427	1,474
Food services & accom.	1,726	1,849	1,999	2,081	2,196	2,317	2,447	2,556
Financial services & insur.	2,760	2,932	2,923	2,992	3,204	3,382	3,500	3,696
Other services	3,268	3,363	3,440	3,493	3,649	3,764	3,879	4,054
Final cons. expend. of of nonprofit inst. serving households (NPISHs)	1,561	1,593	1,739	1,721	1,828	1,827	1,985	2,051
Gross output of nonprofit institutions	4,340	4,481	4,771	4,827	5,112	5,310	5,704	5,942
Less: Receipts from sales of goods & serv. by nonprof. inst.	2,779	2,888	3,032	3,106	3,284	3,483	3,719	3,892

Source: U.S. Bureau of Economic Analysis, Interactive Tables: SAEXP2 Per capita personal consumption expenditures (PCE) by state, 1997-2017 <<https://www.bea.gov/itable/itable.cfm?ReqID=70&step=1#reqid=70&step=1&isuri=1>> accessed October 4, 2018. See also "Personal Consumption Expenditures, By State: 2017" (October 4, 2018) <<https://www.bea.gov/news/2018/personal-consumption-expenditures-state-2017>> accessed October 4, 2018.

**Table 13.39-- PERSONAL CONSUMPTION EXPENDITURES PER CAPITA  
FOR THE UNITED STATES AVERAGE, THE 50 STATES AND THE  
DISTRICT OF COLUMBIA: 2010 TO 2017**

[In current dollars. Per capita PCE estimates are in current dollars, and reflect Census Bureau midyear population estimates, for years 2010-2017 available as of December 2017. Per capita values are computed from unrounded data. BEA revised estimates in this series from 1997 to 2016]

State	2010	2011	2012	2013	2014	2015	2016	2017
U.S. average	32,901	34,114	35,026	35,762	37,085	38,275	39,456	40,878
Hawaii	35,340	36,722	38,078	38,973	40,727	42,148	43,961	46,071
Hawaii as % of U.S.	107.4	107.6	108.7	109.0	109.8	110.1	111.4	112.7
Alabama	27,339	28,177	28,827	29,290	30,123	30,870	31,572	32,489
Alaska	38,992	40,669	41,719	42,218	43,867	45,400	46,299	48,036
Arizona	29,125	29,988	30,467	30,910	31,863	32,594	33,256	34,548
Arkansas	26,356	27,438	28,212	28,846	29,824	30,649	31,695	32,875
California	34,268	35,585	36,701	37,419	38,952	40,719	42,528	44,366
Colorado	34,232	35,215	35,938	36,617	38,049	39,341	40,638	42,239
Connecticut	41,640	42,864	43,786	44,899	46,656	47,983	49,160	50,720
Delaware	35,569	36,835	37,479	38,174	39,410	40,504	41,307	42,351
Dist. of Col.	51,644	52,699	53,294	54,126	55,729	57,849	59,094	60,914
Florida	32,351	33,494	34,396	34,918	36,332	37,650	38,441	39,525
Georgia	28,485	29,552	30,234	30,922	32,071	32,879	33,851	35,028
<b>Hawaii</b>	<b>35,340</b>	<b>36,722</b>	<b>38,078</b>	<b>38,973</b>	<b>40,727</b>	<b>42,148</b>	<b>43,961</b>	<b>46,071</b>
Idaho	27,051	28,104	29,015	30,120	31,302	32,523	33,792	35,339
Illinois	34,335	35,491	36,252	36,891	38,398	39,873	41,247	42,927
Indiana	29,423	30,545	31,630	32,142	32,947	33,790	34,870	36,305
Iowa	30,575	31,875	32,727	33,397	34,550	35,419	36,483	37,652
Kansas	29,898	31,090	31,927	32,505	33,600	34,488	35,451	36,534
Kentucky	27,555	28,668	29,348	29,844	30,803	31,753	32,824	33,785
Louisiana	28,916	29,786	30,419	31,098	32,114	33,036	33,694	34,539
Maine	36,170	37,327	37,947	38,675	39,882	40,887	41,977	43,364
Maryland	37,109	38,055	38,890	39,555	40,855	42,156	43,498	45,034
Massachusetts	43,062	44,285	45,342	46,271	48,007	49,783	51,373	53,267
Michigan	31,713	32,946	33,648	34,323	35,579	36,693	37,983	39,237
Minnesota	35,984	37,448	38,353	39,252	40,627	41,957	43,473	45,354
Mississippi	25,137	26,126	26,785	27,256	27,900	28,497	29,197	30,027
Missouri	31,708	33,082	34,081	34,595	35,414	36,431	37,351	38,619
Montana	32,064	33,449	34,692	35,727	36,964	38,250	39,320	40,955
Nebraska	32,516	33,777	34,752	35,521	36,588	37,584	38,859	40,160
Nevada	33,146	34,428	35,199	35,912	37,182	38,146	38,946	39,806
New Hampshire	41,425	42,756	43,654	44,861	46,127	47,429	48,663	50,265
New Jersey	41,256	42,368	43,374	44,384	45,844	47,186	48,518	49,911

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: 2010 TO 2017 -- Con.**

State	2010	2011	2012	2013	2014	2015	2016	2017
New Mexico	28,443	29,482	30,285	30,910	32,166	33,059	33,814	34,696
New York	38,103	39,573	40,637	41,897	44,018	45,497	47,230	49,291
North Carolina	27,486	28,334	29,256	30,018	30,974	31,900	32,887	34,152
North Dakota	35,714	38,805	42,314	44,293	46,334	46,175	45,778	46,713
Ohio	31,705	33,113	34,219	34,912	36,086	37,199	38,141	39,403
Oklahoma	27,238	28,511	29,449	30,034	31,187	31,695	32,265	33,056
Oregon	32,127	33,329	34,054	35,039	36,560	38,052	39,287	40,805
Pennsylvania	35,267	36,561	37,222	37,997	39,152	40,252	41,370	42,819
Rhode Island	35,505	36,576	37,253	38,099	39,536	40,878	41,934	43,193
South Carolina	27,898	28,813	29,405	30,182	31,142	31,861	32,748	33,692
South Dakota	33,131	34,672	35,930	37,178	38,437	39,689	41,078	42,558
Tennessee	28,307	29,358	30,010	30,376	31,537	32,493	33,579	34,905
Texas	29,955	31,372	32,469	33,203	34,528	35,372	36,214	37,486
Utah	28,013	28,837	29,782	30,456	31,751	33,038	34,502	35,786
Vermont	37,957	39,722	40,821	42,351	44,023	45,383	46,518	47,845
Virginia	35,912	37,005	37,995	38,515	39,712	40,893	42,178	43,551
Washington	34,935	36,184	37,392	38,314	39,709	41,190	42,554	44,377
West Virginia	27,902	29,274	30,204	30,713	31,642	32,590	33,592	34,758
Wisconsin	32,993	34,222	34,760	35,659	36,838	37,958	39,186	40,660
Wyoming	34,003	35,776	36,864	37,815	39,078	39,345	39,650	41,036

Source: U.S. Bureau of Economic Analysis, Interactive Tables: SAEXP2 Per capita personal consumption expenditures (PCE) by state, 1997-2017

<<https://www.bea.gov/itable/iTable.cfm?ReqID=70&step=1#reqid=70&step=1&isuri=1>> accessed October 4, 2018. See also "Personal Consumption Expenditures, By State: 2017" (October 4, 2018) <<https://www.bea.gov/news/2018/personal-consumption-expenditures-state-2017>> accessed October 4, 2018.

**Table 13.40-- TOP WEALTHHOLDERS: 1962 TO 2013**

[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 wealthholders	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

Continued on next page.

**Table 13.40-- TOP WEALTHHOLDERS: 1962 TO 2013 -- 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.htm>> accessed September 18, 2006; "Top Wealthholders with Net Worth of \$1.5 Million or more by State of Residence: 2004", table 6 <<http://www.irs.gov/taxstats/article/0,,id=225455,00.html>> accessed August 25, 2008; Ibid. "Table 6 - Personal Wealth 2007: Top Wealth Holders with Net Worth of \$2.0 Million or More, Net Worth and Selected Assets, by State of Residence" <<https://www.irs.gov/uac/soi-tax-stats-personal-wealth-statistics>> accessed March 5, 2012; Ibid. 2013 <<https://www.irs.gov/uac/soi-tax-stats-personal-wealth-statistics>> accessed January 18, 2018; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

**Table 13.41--TOP WEALTHHOLDERS WITH NET WORTH OF \$1.5 MILLION OR MORE, NET WORTH AND SELECTED ASSETS, U.S. AND HAWAII: 2004, 2007, AND 2013**

[Data are estimates based on samples. Numbers are in thousands and amounts in millions of dollars]

Category	Hawaii	United States	Hawaii as percent of U.S.
2004: Wealthholders above \$1.5 million			
Net worth: Number (1,000's)	7	2,196	0.3
Amount	22,552	9,721,133	0.2
Total assets: Amount	24,375	10,340,723	0.2
Financial assets: Number (1,000's)	6	2,194	0.4
Amount	11,903	6,622,433	0.2
All other assets: Number (1,000's)	5	2,042	0.3
Amount	1,825	1,441,099	0.1
All real estate: Number (1,000's)	7	1,974	0.4
Amount	10,647	2,277,191	0.7
2007: Wealthholders above \$2.0 million			
Net worth: Number (1,000's)	7	1,841	0.4
Amount	75,601	11,627,389	0.7
Total assets: Amount	78,954	12,361,069	0.6
Financial assets: Number (1,000's)	6	1,838	0.3
Amount	59,625	7,717,780	0.8
All other assets: Number (1,000's)	6	1,717	0.3
Amount	5,193	2,125,608	0.2
All real estate: Number (1,000's)	7	1,654	0.4
Amount	14,136	2,517,681	0.6
2013: Wealthholders above \$5.0 million			
Net worth: Number	826	481,239	0.2
Amount	13,066	6,542,469	0.2
Total assets: Amount	13,379	6,852,453	0.2
Financial assets: Number	826	475,622	0.2
Amount	5,841	4,289,063	0.1
All other assets: Number	799	450,420	0.2
Amount	3,715	1,592,888	0.2
All real estate: Number	806	433,858	0.2
Amount	3,823	970,502	0.4

Source: U. S. Department of Treasury, Internal Revenue Service, IRS Tax Stats "Top Wealthholders with Net Worth of \$1.5 Million or more by State of Residence: 2004", table 6 <<http://www.irs.gov/taxstats/article/0,,id=185880,00.html>> accessed August 25, 2008; Ibid. "Table 6 - Personal Wealth 2007: Top Wealth Holders with Net Worth of \$2.0 Million or More, Net Worth and Selected Assets, by State of Residence" <<https://www.irs.gov/uac/soi-tax-stats-personal-wealth-statistics>> accessed March 5, 2012; "Table 6. Personal Wealth 2013: Top Wealth Holders with Net Worth of \$5 Million or More, Net Worth and Selected Assets, by State of Residence" <<https://www.irs.gov/uac/soi-tax-stats-personal-wealth-statistics>> accessed January 18, 2018; and calculations by Hawaii State Department of Business, Economic Development

**Table 13.42-- NET WORTH OF RICHEST RESIDENTS: 2006 TO 2018**

[There were no Hawaii residents on the Forbes 400 list in 2007]

Name	Residence	Age (yrs)	Net worth (million dollars)	Rank	Primary sources
2006 Anthony, Barbara Cox 1/	Honolulu	83	12,600	17	Inheritance (Cox Enterprises, newspapers, cable TV)
2008 Omidyar, Pierre	Honolulu	41	6,300	54	Self made, launched Ebay on-line auction 1995, technology
2009 Omidyar, Pierre	Honolulu	42	5,500	40	Self made, launched Ebay on-line auction 1995, technology
2010 Omidyar, Pierre	Honolulu	43	5,500	47	Self made, launched Ebay on-line auction 1995, technology
2011 Omidyar, Pierre	Honolulu	44	6,200	50	Self made, launched Ebay on-line auction 1995, technology
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 2/	Honolulu	50	9,600	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

1/ Sisters Barbara Cox Anthony and Anne Cox Chambers, of Atlanta, share a fortune. It was worth more than \$19 billion in 1999, \$20 billion in 2000, \$23 billion in 2001, \$19 billion in 2002, \$22 billion in 2003, \$22.6 billion in 2004, and \$25 billion in 2005. In 2006, the sisters tied at rank of 17 with net worth of \$12.6 billion each. They have been members of the Forbes 400 since 1982. Note: Mrs. Anthony died on May 28, 2007 at her home in Honolulu. She was 84.

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

Source: *Forbes*, "The Forbes 400 Richest Americans, 2006" <<http://www.forbes.com/400richest/>> accessed September 22, 2006; for 2008 accessed September 17, 2008; for 2009 accessed October 19, 2009; for 2010 accessed October 1, 2010; for 2011 accessed September 21, 2011; for 2012 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; and for 2018 <<http://www.forbes.com/wealth/forbes-400/list>> accessed January 25, 2019.

**Table 13.43-- HOUSEHOLD DEBT PER CAPITA FOR HAWAII AND THE UNITED STATES AVERAGE: 1999 TO 2018**

[Data subject to sampling variation. See also Hawaii Department of Business, Economic Development & Tourism, *An Analysis of Consumer Debt: How does Hawaii Compare with the Nation?* (May 2017) <[http://files.hawaii.gov/dbedt/economic/reports/consumer\\_debt\\_final.pdf](http://files.hawaii.gov/dbedt/economic/reports/consumer_debt_final.pdf)>]

Year 1/	Total 2/	Auto loan	Credit card	Mortgage	Student loan	Population 3/
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 4/	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
U. S. average 5/						
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
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 4/	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

Continued on next page.

**Table 13.43-- HOUSEHOLD DEBT PER CAPITA FOR HAWAII AND  
THE UNITED STATES AVERAGE: 1999 TO 2018 -- Con.**

1/ For the fourth quarter of the year indicated.

2/ Includes components not shown separately.

3/ Ages 18 years and older and with credit file with Equifax.

4/ For Hawaii 'Student loan' and for the United States 'Total' and 'Student loan' revised from previous *Data Book*.

5/ 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. 2003-2018 (March 2019)  
<[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 July 7, 2019.

**Table 13.44-- HOUSEHOLD DEBT DELINQUENCY PER CAPITA FOR HAWAII AND THE UNITED STATES AVERAGE: 1999 TO 2018**

[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. See also Hawaii State Department of Business, Economic Development & Tourism, *An Analysis of Consumer Debt: How does Hawaii Compare with the Nation?* (May 2017) <[http://files.hawaii.gov/dbedt/economic/reports/consumer\\_debt\\_final.pdf](http://files.hawaii.gov/dbedt/economic/reports/consumer_debt_final.pdf)>]

Year 1/	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 2/	3.34	6.20	1.30	9.93
2018	3.71	6.24	1.09	9.15
U. S. average 3/				
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)
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 2/	4.03	7.51	1.22	(NA)
2018	4.41	7.58	1.04	(NA)

Continued on next page.

**Table 13.44-- HOUSEHOLD DEBT DELINQUENCY PER CAPITA FOR  
HAWAII AND THE UNITED STATES AVERAGE: 1999 TO 2018 -- Con.**

NA Not available.

1/ For the fourth quarter of the year indicated.

2/ For Hawaii 'Mortgage loan delinquency' and 'Student loan delinquency' and for the United States Mortgage loan delinquency' revised from previous *Data Book*.

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 1999-2016" (May 2017) accessed June 13, 2017; and Ibid. 2003-2018 (March 2019)  
<[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 July 7, 2019.

**Table 13.45-- HOUSEHOLD DEBT PER CAPITA FOR EACH OF THE 50 STATES, THE DISTRICT OF COLUMBIA, PUERTO RICO, AND THE UNITED STATES AVERAGE: 2018**

[Data subject to sampling variation. Population for per capita calculations are those ages 18 years and older and with credit file with Equifax. See also Hawaii State Department of Business, Economic Development & Tourism, *An Analysis of Consumer Debt: How does Hawaii Compare with the Nation?* (May 2017) <[http://files.hawaii.gov/dbedt/economic/reports/consumer\\_debt\\_final.pdf](http://files.hawaii.gov/dbedt/economic/reports/consumer_debt_final.pdf)>]

Year 1/	Rank 2/	Total 3/	Auto loan	Credit card	Mortgage	Student loan
U. S. average 4/	(X)	50,090	4,700	3,220	33,680	5,390
Dist. of Columbia	1	86,730	3,010	4,180	63,430	13,320
Hawaii	2	72,590	3,860	4,060	54,980	3,780
California	3	71,860	4,580	3,610	55,920	4,530
Colorado	4	71,340	4,760	3,670	53,250	6,180
Maryland	5	71,120	5,160	3,910	51,590	6,740
Virginia	6	65,480	4,680	3,860	47,570	5,820
Washington	7	65,390	4,450	3,510	49,320	4,270
Massachusetts	8	64,680	3,910	3,600	47,140	6,140
Connecticut	9	59,330	3,680	3,870	41,980	5,890
Utah	10	59,320	5,220	3,050	43,310	4,350
New Jersey	11	58,590	4,020	4,040	40,630	6,090
Alaska	12	58,550	4,920	4,350	41,960	4,030
New Hampshire	13	55,650	5,360	3,530	36,760	5,860
Oregon	14	55,090	3,950	3,070	39,420	5,760
Delaware	15	54,200	4,850	3,340	37,250	6,040
Minnesota	16	54,190	4,130	3,290	37,460	6,280
Arizona	17	53,060	5,200	3,310	36,690	5,170
Nevada	18	52,770	5,260	3,390	37,350	4,170
Rhode Island	19	49,940	3,740	3,360	33,830	5,390
New York	20	49,680	3,700	3,840	32,620	6,090
Georgia	21	48,370	5,480	3,270	29,350	7,250
Idaho	22	48,260	4,610	2,830	32,360	5,050
Illinois	23	46,810	4,220	3,240	30,960	5,800
Wyoming	24	46,410	5,250	3,000	32,030	3,610
North Carolina	25	45,840	5,040	2,990	29,120	5,240
Florida	26	45,300	5,200	3,480	28,350	4,940
Vermont	27	45,270	5,050	3,090	28,260	5,480
Montana	28	44,960	4,240	2,940	30,220	4,670
North Dakota	29	44,140	5,290	3,100	27,470	5,510
South Carolina	30	43,880	4,780	2,830	27,000	5,870
Texas	31	43,660	6,720	3,270	26,330	4,970
Pennsylvania	32	42,440	4,150	3,120	25,480	6,210

Continued on next page.

**Table 13.45-- HOUSEHOLD DEBT PER CAPITA FOR EACH OF THE 50 STATES  
THE DISTRICT OF COLUMBIA, PUERTO RICO, AND THE UNITED STATES  
AVERAGE: 2018 -- Con.**

Year 1/	Rank 2/	Total 3/	Auto loan	Credit card	Mortgage	Student loan
Maine	33	42,230	4,490	2,830	26,090	5,340
South Dakota	34	41,880	4,520	2,840	25,850	5,170
Tennessee	35	40,370	4,620	2,570	24,850	5,050
Nebraska	36	40,310	4,160	2,870	25,680	5,080
Iowa	37	40,110	4,530	2,530	25,350	5,300
Wisconsin	38	40,060	3,790	2,660	26,310	4,850
New Mexico	39	39,650	5,420	2,740	24,990	4,070
Missouri	40	39,060	4,320	2,690	24,150	5,270
Louisiana	41	38,160	5,760	2,530	21,580	5,360
Kansas	42	38,120	4,120	2,830	23,690	5,480
Ohio	43	37,990	4,370	2,750	21,810	6,220
Indiana	44	37,750	4,270	2,570	22,880	5,300
Michigan	45	37,590	3,770	2,710	22,630	5,800
Alabama	46	36,780	4,960	2,420	21,140	4,920
Oklahoma	47	34,370	5,350	2,590	19,740	4,540
Kentucky	48	34,010	3,950	2,330	19,840	4,870
Arkansas	49	32,790	5,380	2,410	18,260	4,330
Mississippi	50	32,100	5,010	2,110	15,710	5,870
West Virginia	51	29,430	4,680	2,240	15,430	4,020
Puerto Rico	(X)	(NA)	(X)	(NA)	(X)	(NA)

NA Not available.

X Not applicable.

1/ For the fourth quarter of the year indicated.

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

3/ Includes components not shown separately.

4/ Data included Puerto Rico through 2016 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 2003-2018 (March 2019) <[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 July 7, 2019; and calculations by the Hawaii State Department of Business, Economic Development & Tourism.