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## Section 13

# INCOME, EXPENDITURES, AND WEALTH

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

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

**Table 13.01-- DIRECT INCOME FROM MAJOR EXPORT INDUSTRIES:  
1990 TO 2019**

[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 4/	(NA)	(NA)	(NA)	16,794.4
2018	(NA)	(NA)	(NA)	17,642.5
2019	(NA)	(NA)	(NA)	17,844.3

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.

4/ Visitor expenditures revised from previous *Data Book*.

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 Tourism Authority, Tourism Research, *Annual Visitor Research Report* (annual) continues report published by the Hawaii Visitors' Bureau, the Hawaii Visitors & Convention Bureau, and the Hawaii State Department of Business, Economic Development & Tourism, and available 1999 to current <<https://www.hawaiitourismauthority.org/research/annual-visitor-research-reports/>> accessed September 3, 2020 and records; 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 2019**

[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 2014 to 2018 and population and per capita estimates 2011 to 2018 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

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**Table 13.02-- GROSS DOMESTIC PRODUCT, TOTAL AND PER CAPITA  
AND RESIDENT POPULATION: 1963 TO 2019 -- 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	51,099	52,257	1,379,329
2012	73,583	73,583	52,755	52,755	1,394,804
2013	75,788	74,278	53,818	52,745	1,408,243
2014	77,854	74,529	55,039	52,688	1,414,538
2015	82,710	77,185	58,162	54,277	1,422,052
2016	85,844	78,905	60,133	55,273	1,427,559
2017	89,429	80,716	62,784	56,667	1,424,393
2018	93,798	82,652	66,027	58,181	1,420,593
2019	97,282	83,509	68,708	58,981	1,415,872

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 2019. 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 2019.

Source: U.S. Bureau of Economic Analysis, Gross Domestic Product by State (April 7, 2020) <<https://apps.bea.gov/iTable/iTable.cfm?acrdn=6&isuri=1&reqid=70&step=1#reqid=70&step=1&isuri=1>> accessed July 13, 2020; Ibid. SAINC1 Personal Income Summary: Personal Income, Population, Per Capita Personal Income" (March 24, 2020) <<https://apps.bea.gov/iTable/iTable.cfm?acrdn=6&isuri=1&reqid=70&step=1#reqid=70&step=1&isuri=1>> accessed July 13, 2020; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

**Table 13.03-- GROSS DOMESTIC PRODUCT, HAWAII AND THE UNITED STATES: 1963 TO 2019**

[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 2019. 2014 to 2018 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

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**Table 13.03-- GROSS DOMESTIC PRODUCT, HAWAII AND THE UNITED STATES: 1963 TO 2019 -- 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	77,854	74,529	101.286	17,527,258	16,912,038	104.415
2015	82,710	77,185	104.896	18,224,780	17,403,843	107.451
2016	85,844	78,905	107.233	18,715,040	17,688,890	109.211
2017	89,429	80,716	109.694	19,519,424	18,108,082	111.799
2018	93,798	82,652	112.325	20,580,223	18,638,164	115.072
2019	97,282	83,509	113.490	21,427,690	19,073,056	117.757

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 2019.

Source: U.S. Bureau of Economic Analysis, Gross Domestic Product by State (April 7, 2020) <<https://apps.bea.gov/itable/iTable.cfm?ReqID=70&step=1#reqid=70&step=1&isuri=1>> accessed July 14, 2020.



**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: 2009 TO 2019**

[In millions of current dollars. Based on the 2012 North American Industry Classification System (NAICS) basis. 2014 to 2018 data are revised from previous *Data Book*. See previous table for Gross Domestic Product for 1977 to 1997 on an SIC basis]

Industry	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Total, all industries	65,692	68,197	70,483	73,583	75,788	77,854	82,710	85,844	89,429	93,798	97,282
Private industries	51,091	53,085	54,707	57,485	59,611	61,000	65,444	68,269	71,554	75,387	78,160
Agri., forestry, fish., & hunting	457	480	559	536	519	471	488	465	464	451	509
Mining, quar., gas & oil extr.	104	87	70	70	63	62	65	72	69	92	85
Utilities	1,427	1,691	1,964	2,038	2,048	2,081	1,858	1,789	1,876	2,031	2,028
Construction	4,194	3,683	3,538	3,639	3,708	3,974	4,674	5,264	5,247	5,381	5,562
Manufacturing	1,327	1,260	1,353	1,426	1,541	1,671	1,657	1,568	1,780	2,000	1,896
Wholesale trade	2,074	2,143	2,239	2,344	2,455	2,517	2,678	2,646	2,758	2,846	2,969
Retail trade	4,310	4,480	4,814	5,098	5,257	5,278	5,518	5,583	5,779	6,090	6,246
Trans. & warehousing	2,723	3,181	3,103	3,398	3,613	3,744	4,226	4,555	4,948	5,231	5,341
Information	1,750	1,933	1,584	1,534	1,694	1,644	1,798	1,817	1,891	2,063	2,099
Finance and insurance	2,081	2,082	2,262	2,394	2,254	2,653	2,896	2,894	2,988	3,380	3,530
Real estate, rental, & leasing	12,631	13,482	13,666	14,321	14,705	14,627	16,092	17,373	18,099	18,866	19,771
Prof., scientific & tech. serv.	2,977	2,981	3,115	3,180	3,207	3,288	3,400	3,427	3,586	3,743	3,860
Mgt of companies & enterprises	718	750	794	887	985	992	1,026	1,066	1,095	1,140	1,262
Administrative & waste services	1,990	2,200	2,325	2,434	2,568	2,704	2,804	2,901	3,018	3,157	3,329
Educational services	844	871	893	931	921	920	922	942	919	975	1,017
Health care & social assistance	4,319	4,409	4,570	4,705	4,896	5,056	5,384	5,625	5,900	6,243	6,597
Arts, entertainment, & recreation	5,618	5,797	6,244	6,903	7,485	7,548	8,118	8,374	9,153	9,603	9,888
Accommodation & food services	4,847	5,090	5,546	6,137	6,587	6,602	7,174	7,469	8,120	8,491	8,817
Accommodation	2,991	3,179	3,548	4,018	4,316	4,181	4,515	4,605	5,022	(NA)	(NA)
Food serv. & drinking plcs	1,855	1,910	1,997	2,119	2,272	2,421	2,659	2,864	3,098	(NA)	(NA)
Other services, exc. gov't	1,548	1,575	1,613	1,649	1,693	1,770	1,843	1,910	1,984	2,096	2,170
Government	14,601	15,112	15,776	16,097	16,177	16,854	17,266	17,575	17,875	18,411	19,122
Federal civilian	3,475	3,766	3,997	4,099	3,957	4,077	4,208	4,350	4,492	(NA)	(NA)
Federal military	5,014	5,213	5,373	5,452	5,329	5,365	5,524	5,326	5,192	(NA)	(NA)
State & local	6,111	6,132	6,405	6,547	6,892	7,412	7,534	7,899	8,192	(NA)	(NA)

NA Not available.

Source: U.S. Bureau of Economic Analysis, Gross Domestic Product By State 1963 to 2019 (April 7, 2020)

**Table 13.06-- GROSS DOMESTIC PRODUCT, BY NAICS INDUSTRY, IN CONSTANT DOLLARS: 2009 TO 2019**

[In millions of chained 2012 dollars. Based on the 2012 North American Industry Classification System (NAICS) basis. 2014 to 2018 data are revised from previous *Data Book*]

Industry	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Total, all industries	69,095	71,007	72,080	73,583	74,278	74,529	77,185	78,905	80,716	82,652	83,509
Private industries	53,628	55,410	56,086	57,485	58,467	58,488	61,187	62,780	64,609	66,545	67,249
Agri., forestry, fishing, & hunting	721	648	577	536	504	497	612	676	624	628	727
Mining	125	94	69	70	70	71	81	92	79	103	122
Utilities	1,311	1,612	1,886	2,038	1,978	1,857	1,649	1,651	1,690	1,766	1,754
Construction	4,279	3,840	3,634	3,639	3,580	3,605	4,063	4,414	4,246	4,192	4,102
Manufacturing	1,758	1,536	1,445	1,426	1,590	1,736	1,723	1,774	1,880	1,924	1,799
Wholesale trade	2,224	2,285	2,312	2,344	2,408	2,450	2,589	2,545	2,629	2,648	2,641
Retail trade	4,590	4,736	4,979	5,098	5,187	5,166	5,308	5,389	5,628	5,908	6,025
Trans. & warehousing	3,011	3,409	3,288	3,398	3,529	3,500	3,683	3,944	4,285	4,476	4,413
Information	1,718	1,920	1,586	1,534	1,693	1,660	1,878	1,945	2,073	2,298	2,332
Finance and insurance	2,290	2,196	2,350	2,394	2,179	2,452	2,601	2,477	2,502	2,653	2,760
Real estate, rental, & leasing	12,820	13,812	13,884	14,321	14,440	14,057	15,001	15,778	16,047	16,395	16,665
Prof., scientific & tech. services	3,087	3,068	3,160	3,180	3,159	3,218	3,258	3,262	3,362	3,462	3,530
Mgt of companies & enterprises	738	762	802	887	977	1,008	1,023	1,064	1,101	1,161	1,311
Administrative & waste services	2,008	2,235	2,351	2,434	2,526	2,607	2,628	2,633	2,699	2,784	2,859
Educational services	924	929	925	931	892	866	847	845	801	828	844
Health care & social assistance	4,566	4,556	4,658	4,705	4,837	4,944	5,204	5,317	5,483	5,716	5,919
Arts, entertainment, & recreation	808	742	723	766	884	913	876	813	916	966	907
Accommodation & food services	5,118	5,391	5,801	6,137	6,403	6,230	6,514	6,504	6,905	6,988	6,984
Accommodation	3,137	3,370	3,701	4,018	4,201	3,935	4,113	4,037	4,302	(NA)	(NA)
Food serv. & drinking places	1,982	2,021	2,101	2,119	2,202	2,295	2,402	2,466	2,602	(NA)	(NA)
Other services, exc. gov't	1,672	1,661	1,660	1,649	1,641	1,671	1,684	1,692	1,708	1,762	1,754
Government	15,467	15,597	15,994	16,097	15,812	16,041	16,003	16,131	16,114	16,116	16,269
Federal civilian	3,668	3,869	4,027	4,099	3,920	3,947	3,987	4,083	4,137	(NA)	(NA)
Federal military	5,292	5,355	5,412	5,452	5,280	5,194	5,234	4,999	4,782	(NA)	(NA)
State & local	6,509	6,374	6,555	6,547	6,609	6,891	6,777	7,033	7,171	(NA)	(NA)

NA Not available.

Source: U.S. Bureau of Economic Analysis, Gross Domestic Product By State 1963 to 2019 (April 7, 2020)

<<https://www.bea.gov/itable/iTable.cfm?ReqID=70&step=1>> accessed July 14, 2020.

**Table 13.07-- TOTAL AND PER CAPITA PERSONAL INCOME FOR HAWAII AND THE UNITED STATES: 1969 TO 2019**

[Hawaii personal income, per capita personal income and Hawaii as percent of U.S. average for 1998 to 2009, and all 2010 to 2018 data are revised from previous *Data Book*]

Year	Personal income (millions of dollars)		Resident population 1/		Per capita personal income 2/		Hawaii as percent of U.S. average
	Hawaii	U.S.	Hawaii	U.S.	Dollars		
					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	32,531	7,601,594	1,215,233	275,854,104	26,769	27,557	97.1
1999	33,658	8,001,563	1,210,300	279,040,168	27,809	28,675	97.0
2000	35,682	8,650,325	1,213,519	282,162,411	29,404	30,657	95.9

Continued on next page.

**Table 13.07-- TOTAL AND PER CAPITA PERSONAL INCOME FOR HAWAII AND THE UNITED STATES: 1969 TO 2019 -- 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	37,204	9,001,839	1,225,948	284,968,955	30,347	31,589	96.1
2002	38,955	9,155,663	1,239,613	287,625,193	31,425	31,832	98.7
2003	40,791	9,480,901	1,251,154	290,107,933	32,603	32,681	99.8
2004	43,977	10,028,781	1,273,569	292,805,298	34,531	34,251	100.8
2005	47,306	10,593,946	1,292,729	295,516,599	36,594	35,849	102.1
2006	50,701	11,372,589	1,309,731	298,379,912	38,711	38,114	101.6
2007	53,423	12,002,204	1,315,675	301,231,207	40,605	39,844	101.9
2008	56,060	12,438,527	1,332,213	304,093,966	42,080	40,904	102.9
2009	55,690	12,051,307	1,346,717	306,771,529	41,352	39,284	105.3
2010	57,179	12,541,995	1,363,963	309,321,666	41,921	40,547	103.4
2011	60,045	13,315,478	1,379,329	311,556,874	43,532	42,739	101.9
2012	62,456	13,998,383	1,394,804	313,830,990	44,778	44,605	100.4
2013	63,317	14,175,503	1,408,243	315,993,715	44,961	44,860	100.2
2014	66,846	14,982,715	1,414,538	318,301,008	47,257	47,071	100.4
2015	70,385	15,709,242	1,422,052	320,635,163	49,495	48,994	101.0
2016	72,879	16,111,636	1,427,559	322,941,311	51,051	49,890	102.3
2017	75,690	16,870,106	1,424,393	324,985,539	53,138	51,910	102.4
2018	78,721	17,813,035	1,420,593	326,687,501	55,414	54,526	101.6
2019	81,343	18,599,062	1,415,872	328,239,523	57,450	56,663	101.4

1/ U.S. Census Bureau midyear population estimate. 2010-2019 use state population estimates available as of December 2019.

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 24, 2020) <<http://www.bea.gov/iTable/iTable.cfm?ReqID=70&step=1>> accessed March 24, 2020; 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 2019**

[Hawaii personal income, per capita personal income and Hawaii as percent of U.S. average for 1998 to 2009, and all 2010 to 2018 data are 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	28,667	6,570,164	1,215,233	275,854,104	23,589	23,818	99.0
1999	29,622	6,890,679	1,210,300	279,040,168	24,475	24,694	99.1
2000	31,336	7,415,075	1,213,519	282,162,411	25,823	26,279	98.3

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**Table 13.08-- TOTAL AND PER CAPITA DISPOSABLE PERSONAL INCOME FOR HAWAII AND THE UNITED STATES: 1969 TO 2019 -- 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	32,735	7,763,912	1,225,948	284,968,955	26,701	27,245	98.0
2002	34,909	8,104,480	1,239,613	287,625,193	28,161	28,177	99.9
2003	36,790	8,478,455	1,251,154	290,107,933	29,405	29,225	100.6
2004	39,661	8,981,157	1,273,569	292,805,298	31,142	30,673	101.5
2005	42,189	9,382,761	1,292,729	295,516,599	32,636	31,750	102.8
2006	45,128	10,017,121	1,309,731	298,379,912	34,456	33,572	102.6
2007	47,514	10,511,373	1,315,675	301,231,207	36,113	34,895	103.5
2008	50,136	10,932,716	1,332,213	304,093,966	37,633	35,952	104.7
2009	50,916	10,900,400	1,346,717	306,771,529	37,808	35,533	106.4
2010	52,409	11,305,991	1,363,963	309,321,666	38,424	36,551	105.1
2011	54,603	11,863,823	1,379,329	311,556,874	39,586	38,079	104.0
2012	56,782	12,490,913	1,394,804	313,830,990	40,710	39,801	102.3
2013	56,949	12,501,275	1,408,243	315,993,715	40,440	39,562	102.2
2014	60,081	13,200,377	1,414,538	318,301,008	42,474	41,471	102.4
2015	62,809	13,773,169	1,422,052	320,635,163	44,168	42,956	102.8
2016	64,966	14,157,321	1,427,559	322,941,311	45,509	43,839	103.8
2017	67,403	14,826,143	1,424,393	324,985,539	47,320	45,621	103.7
2018	70,296	15,737,171	1,420,593	326,687,501	49,483	48,172	102.7
2019	72,604	16,419,398	1,415,872	328,239,523	51,279	50,023	102.5

1/ U.S. Census Bureau midyear population estimate. 2010-2019 use state population estimates available as of December 2019.

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 24, 2020) <<http://www.bea.gov/iTable/iTable.cfm?ReqID=70&step=1>> accessed March 24, 2020; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

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

[In thousands of dollars. The estimates of earnings are based on the 1987 Standard Industrial Classification (SIC) Code.  
BEA revised the state personal income series from 1998 to 2001]

Item	1996	1997	1998	1999	2000	2001
Personal income	30,894,933	31,907,547	32,531,130	33,657,545	35,682,033	37,204,033
Earnings by place of work	23,100,404	23,742,063	24,118,706	25,075,968	26,592,658	28,063,097
Wages & salaries	16,718,142	17,215,868	17,621,036	18,185,436	19,173,030	19,831,092
Supplements to wages and salaries 1/	4,028,285	4,043,017	4,098,585	4,214,313	4,474,279	4,803,051
Emp'er cont. for emp. pension & ins. funds	2,720,336	2,717,470	2,771,192	2,860,987	3,043,854	3,296,890
Employer cont. for gov't social ins.	1,307,949	1,325,547	1,327,393	1,353,326	1,430,425	1,506,161
Proprietors' income 2/	2,353,977	2,483,178	2,399,085	2,676,219	2,945,349	3,428,954
Farm proprietors' income	19,866	36,106	38,283	43,843	40,387	39,138
Nonfarm proprietors' income	2,334,111	2,447,072	2,360,802	2,632,376	2,904,962	3,389,816
Dividends, interest, and rent 3/	6,704,753	7,101,810	7,317,202	7,399,222	7,848,110	7,738,376
Personal current transfer receipts 4/	3,679,587	3,693,737	3,766,251	3,922,182	4,130,169	4,450,371
Less: Contrib. for gov't social ins. 5/	2,589,811	2,630,063	2,671,029	2,739,827	2,888,904	3,047,811
Emp'ee & self-emp. cont. for gov't soc. ins.	1,281,862	1,304,516	1,343,636	1,386,501	1,458,479	1,541,650
Employer cont. for gov't social ins.	1,307,949	1,325,547	1,327,393	1,353,326	1,430,425	1,506,161
Earnings by industry	23,100,404	23,742,063	24,118,706	25,075,968	26,592,658	28,063,097
Farm earnings	195,326	204,858	217,524	244,550	240,333	236,703
Nonfarm earnings	22,905,078	23,537,205	23,901,182	24,831,418	26,352,325	27,826,394
Private nonfarm earnings	16,562,229	16,891,007	17,096,942	17,686,901	18,989,298	20,082,958
Agri. services, forestry, & fishing	141,522	142,227	131,461	138,439	143,871	154,316
Mining	24,569	23,241	24,000	23,986	25,358	26,447
Construction	1,547,150	1,460,164	1,401,252	1,429,061	1,634,386	1,741,050
Manufacturing	749,900	768,161	746,726	765,149	797,087	849,485
Transportation & public utilities	1,857,393	1,887,820	1,882,331	1,963,044	2,066,438	2,163,100

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

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

NA Not available.

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

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

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

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

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

Source: U.S. Bureau of Economic Analysis, State Personal Income (September 24, 2019) "SAINC5S Personal Income by Major Component and Earnings by SIC Industry" <<http://www.bea.gov/iTable/iTable.cfm?reqid=70&step=1>> accessed July 15, 2020; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

**Table 13.10-- PERSONAL INCOME BY MAJOR SOURCE, BY NAICS  
INDUSTRY: 2016 TO 2019**

[In thousands of dollars. The estimates for 2016 are based on the 2012 North American Industry Classification System (NAICS) Code, and 2017 forward on the 2017 NAICS. BEA revised estimates for this series from 2010 to 2018. For earlier data, see source]

Item	2016	2017	2018	2019
Personal income	72,878,649	75,689,488	78,721,133	81,342,516
Earnings by place of work	51,458,928	53,506,971	55,471,571	57,294,292
Less: Contrib. for gov't social ins. 1/	5,831,314	6,068,898	6,334,414	6,554,325
Employee and self-employed	3,022,513	3,157,421	3,328,766	3,454,516
Employer	2,808,801	2,911,477	3,005,648	3,099,809
Net earnings by place of residence	45,627,614	47,438,073	49,137,157	50,739,967
Dividends, interest, and rent 2/	15,833,993	16,401,073	17,494,327	17,880,259
Personal current transfer receipts	11,417,042	11,850,342	12,089,649	12,722,290
Wages and salaries	35,831,647	37,042,738	38,311,793	39,528,881
Supp. to wages & sal.- emp'er contrib.	10,099,971	10,285,874	10,804,488	11,156,115
For employee pension & ins. funds 3/	7,291,170	7,374,397	7,798,840	8,056,306
For government social insurance	2,808,801	2,911,477	3,005,648	3,099,809
Proprietors' income 4/	5,527,310	6,178,359	6,355,290	6,609,296
Farm proprietors' income	-1,880	82,059	31,430	60,323
Nonfarm proprietors' income	5,529,190	6,096,300	6,323,860	6,548,973
Farm earnings	289,634	298,772	257,994	302,775
Nonfarm earnings	51,169,294	53,208,199	55,213,577	56,991,517
Private earnings	35,941,975	37,735,901	39,316,009	40,571,861
Forestry, fishing, rel. activ., & other	86,405	93,905	96,780	108,666
Mining, quarrying, oil & gas extraction	30,121	29,103	30,056	34,531
Utilities	561,342	572,583	604,170	589,281
Construction	4,343,653	4,341,228	4,474,364	4,589,688
Manufacturing	931,666	960,660	988,989	976,613
Wholesale trade	1,329,176	1,408,768	1,446,889	1,541,188
Retail trade	3,050,612	3,180,385	3,327,506	3,390,129
Transportation and warehousing	2,155,591	2,354,776	2,417,609	2,536,827
Information	740,794	791,156	885,828	817,441
Finance and insurance	1,510,138	1,644,987	1,683,022	1,810,919
Real estate and rental and leasing	1,710,640	1,843,795	1,863,882	1,951,825
Prof., scientific, & tech. services	2,860,485	3,014,790	3,122,491	3,221,900
Mgt of companies & enterprises	938,639	969,093	1,006,427	1,071,582
Admin. & supp. & waste mgt. & remed.	2,424,712	2,518,325	2,618,502	2,311,308
Educational services	792,605	769,373	820,282	855,989
Health care and social assistance	5,102,001	5,323,497	5,616,196	5,950,702
Arts, entertainment, and recreation	632,483	687,708	735,420	786,310
Accommodation & food services	4,677,825	5,082,079	5,308,940	5,647,687
Other services (exc. gov't & gov't ent.)	2,063,087	2,149,690	2,268,656	2,379,275

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**Table 13.10-- PERSONAL INCOME BY MAJOR SOURCE, BY NAICS INDUSTRY: 2016 TO 2019 -- Con.**

Item	2016	2017	2018	2019
Gov't and gov't enterprises	15,227,319	15,472,298	15,897,568	16,419,656
Federal	8,491,157	8,469,782	8,791,537	9,126,480
Civilian	3,657,868	3,768,782	3,901,342	4,053,691
Military	4,833,289	4,701,000	4,890,195	5,072,789
State and local	6,736,162	7,002,516	7,106,031	7,293,176
State	5,030,509	5,213,861	5,241,490	(NA)
Local	1,705,653	1,788,655	1,864,541	(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 24, 2020) <<http://www.bea.gov/iTable/iTable.cfm?reqid=70&step=1>> accessed March 24, 2020; 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 2018**

[2008 to 2017 revised from previous *Data Book*]

State	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Real personal income (millions of chained 2012 dollars) 1/											
Alabama	191,199	189,053	192,366	195,685	196,547	196,434	201,887	210,057	213,613	217,135	221,887
Alaska	32,704	32,808	35,043	36,763	37,230	36,603	37,656	39,123	37,865	37,905	38,827
Arizona	236,375	225,708	228,951	236,158	244,200	248,829	261,265	274,422	284,330	295,486	305,947
Arkansas	112,445	111,031	111,458	116,067	122,111	120,730	127,265	130,430	133,383	137,027	141,932
California	1,512,957	1,467,747	1,501,074	1,565,877	1,643,599	1,648,756	1,731,412	1,856,156	1,902,709	1,952,522	2,023,347
Colorado	221,330	209,607	213,092	224,786	234,861	241,406	259,111	270,237	274,545	288,143	303,432
Connecticut	208,683	206,329	212,695	214,513	214,002	208,140	214,265	219,602	224,200	228,854	239,214
Delaware	37,575	37,475	37,402	39,950	39,915	40,224	41,305	43,897	44,361	45,654	47,730
Dist. of Colum.	32,653	32,784	34,083	36,239	36,957	37,327	38,927	42,399	44,754	44,851	46,090
Florida	767,918	727,914	766,518	786,976	801,998	792,351	838,939	894,763	907,891	949,540	984,580
Georgia	380,563	375,076	380,458	398,311	400,844	400,847	424,077	444,594	457,399	473,452	488,463
<b>Hawaii</b>	<b>50,529</b>	<b>50,711</b>	<b>51,082</b>	<b>52,460</b>	<b>53,116</b>	<b>52,907</b>	<b>55,007</b>	<b>57,414</b>	<b>59,093</b>	<b>60,367</b>	<b>61,931</b>
Idaho	56,156	54,522	56,213	58,104	60,220	61,851	64,329	68,597	71,560	74,328	77,362
Illinois	586,344	554,775	560,979	573,658	590,346	602,177	625,264	650,946	654,945	663,557	685,680
Indiana	264,240	256,976	263,724	273,203	281,855	281,890	290,531	303,958	311,688	317,999	328,057
Iowa	139,703	134,829	136,409	142,481	146,602	146,703	150,185	155,967	155,761	157,087	164,635
Kansas	136,538	131,705	131,693	138,086	143,860	144,011	145,757	148,663	147,945	149,705	154,667
Kentucky	168,322	166,850	170,327	174,492	176,826	175,211	183,101	189,710	193,857	197,818	200,569
Louisiana	197,369	191,060	196,445	198,745	204,485	205,097	212,379	215,591	214,315	217,033	224,496
Maine	53,576	53,546	54,436	55,001	54,455	53,544	55,287	56,871	57,891	59,479	60,768
Maryland	271,158	267,520	273,116	281,917	286,716	282,682	287,924	303,388	313,333	316,802	328,106
Massachusetts	330,079	327,855	337,928	346,692	359,096	356,915	368,189	390,535	394,639	407,011	418,918
Michigan	396,274	377,478	386,607	400,197	409,885	409,183	425,386	452,049	463,664	471,112	486,642
Minnesota	247,353	236,306	243,924	254,762	264,067	263,018	273,612	286,901	289,755	295,850	307,540
Mississippi	110,775	109,685	110,929	112,693	115,022	114,682	116,792	118,098	119,294	120,870	122,003
Missouri	266,132	261,595	261,949	264,196	271,061	267,818	274,322	284,047	290,535	295,763	305,950
Montana	38,460	38,040	39,650	41,457	43,339	42,547	44,031	45,829	46,950	48,143	50,283

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**Table 13.11-- PERSONAL INCOME, TOTAL AND PER CAPITA, IN CONSTANT DOLLARS, BY STATE:  
2008 TO 2018 -- Con.**

State	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Nebraska	85,815	84,628	86,861	94,636	95,374	94,716	98,991	103,198	101,331	102,546	106,598
Nevada	108,612	102,555	105,497	107,036	110,396	109,239	116,810	126,357	131,795	136,913	142,194
New Hampshire	59,727	59,208	60,602	62,641	64,055	63,111	64,685	67,320	68,439	70,106	72,860
New Jersey	427,256	413,140	415,351	422,550	430,479	432,620	445,156	464,866	469,915	481,061	490,276
New Mexico	75,826	75,246	76,644	78,071	78,598	76,141	79,909	82,862	84,758	84,817	88,922
New York	859,065	843,665	863,297	890,153	917,629	917,824	938,992	976,336	996,101	1,049,840	1,070,638
North Carolina	405,945	391,657	391,800	396,523	415,083	404,815	424,196	447,825	457,409	469,294	484,301
North Dakota	31,965	31,564	34,445	37,429	42,793	41,871	44,152	42,915	41,799	41,689	43,217
Ohio	498,750	489,138	492,393	513,527	525,966	525,407	540,330	561,307	566,820	579,920	598,402
Oklahoma	169,510	156,467	160,539	168,672	176,414	182,392	192,186	187,297	178,719	183,477	191,625
Oregon	151,384	145,625	147,362	151,792	156,747	156,875	165,985	179,151	182,510	189,022	195,792
Pennsylvania	567,551	555,518	568,083	584,801	597,932	594,297	614,709	637,721	648,065	659,951	685,699
Rhode Island	46,804	45,780	47,811	48,383	49,503	48,810	49,633	51,455	51,173	52,831	54,249
South Carolina	174,417	169,740	174,239	179,158	185,043	185,839	196,368	207,976	212,873	220,665	226,402
South Dakota	40,069	39,502	40,468	43,016	42,446	42,822	44,128	45,922	45,823	46,340	48,660
Tennessee	255,980	254,563	263,036	272,377	279,877	278,991	289,575	303,694	312,571	318,396	328,024
Texas	1,053,601	1,006,296	1,051,159	1,122,893	1,179,228	1,190,095	1,260,097	1,286,833	1,271,229	1,328,582	1,386,862
Utah	99,126	94,528	96,457	101,112	106,344	107,712	113,830	122,912	129,377	134,827	140,705
Vermont	27,070	26,659	27,301	28,060	28,203	28,185	28,394	29,338	29,750	29,811	30,594
Virginia	368,604	360,265	370,830	383,703	394,715	387,775	400,070	419,305	425,356	434,821	448,050
Washington	301,548	287,531	292,579	302,844	318,741	319,146	337,219	356,532	370,236	385,815	402,539
West Virginia	70,388	70,579	70,991	73,084	73,727	72,289	73,836	74,543	74,213	76,255	78,068
Wisconsin	251,383	247,720	250,410	257,262	263,611	262,634	269,732	281,326	285,847	292,635	303,040
Wyoming	29,386	27,169	28,183	29,957	32,266	31,695	33,238	33,734	32,068	32,733	34,921

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**Table 13.11-- PERSONAL INCOME, TOTAL AND PER CAPITA, IN CONSTANT DOLLARS, BY STATE:  
2008 TO 2018 -- Con.**

State	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Real per capita personal income (chained (2012) dollars) 1/											
Alabama	40,524	39,734	40,198	40,776	40,815	40,669	41,697	43,290	43,922	44,545	45,397
Alaska	47,573	46,942	49,086	50,909	50,968	49,660	51,144	53,048	51,069	51,243	52,816
Arizona	37,637	35,583	35,734	36,486	37,254	37,515	38,818	40,181	40,963	41,949	42,742
Arkansas	39,117	38,328	38,145	39,470	41,363	40,795	42,888	43,797	44,611	45,655	47,158
California	41,333	39,710	40,222	41,603	43,311	43,093	44,859	47,694	48,579	49,609	51,274
Colorado	45,264	42,156	42,219	43,894	45,230	45,816	48,431	49,579	49,564	51,345	53,315
Connecticut	58,857	57,928	59,427	59,782	59,535	57,900	59,609	61,219	62,658	64,045	66,978
Delaware	42,512	42,024	41,576	44,027	43,615	43,552	44,295	46,637	46,749	47,714	49,436
Dist. of Colum.	56,274	55,357	56,315	58,469	58,206	57,375	58,772	62,776	65,256	64,542	65,697
Florida	41,448	39,025	40,674	41,304	41,559	40,539	42,273	44,275	44,044	45,295	46,346
Georgia	40,039	38,986	39,174	40,634	40,483	40,195	42,124	43,680	44,400	45,479	46,471
<b>Hawaii</b>	<b>37,928</b>	<b>37,655</b>	<b>37,451</b>	<b>38,033</b>	<b>38,081</b>	<b>37,569</b>	<b>38,887</b>	<b>40,374</b>	<b>41,394</b>	<b>42,381</b>	<b>43,595</b>
Idaho	36,600	35,075	35,787	36,684	37,748	38,388	39,438	41,547	42,535	43,272	44,193
Illinois	45,998	43,353	43,688	44,582	45,825	46,698	48,528	50,622	51,086	51,926	53,893
Indiana	41,128	39,784	40,633	41,925	43,112	42,914	44,062	45,995	46,981	47,761	48,997
Iowa	46,309	44,456	44,713	46,466	47,657	47,431	48,301	49,974	49,742	50,003	52,288
Kansas	48,623	46,494	46,076	48,127	49,860	49,776	50,253	51,104	50,826	51,468	53,125
Kentucky	39,237	38,649	39,172	39,931	40,313	39,779	41,479	42,863	43,679	44,431	44,959
Louisiana	44,497	42,537	43,227	43,436	44,444	44,350	45,732	46,218	45,812	46,468	48,178
Maine	40,267	40,272	41,002	41,407	41,013	40,319	41,553	42,816	43,484	44,566	45,381
Maryland	47,697	46,684	47,181	48,278	48,703	47,725	48,331	50,687	52,193	52,591	54,360
Massachusetts	51,025	50,303	51,464	52,421	53,894	53,165	54,445	57,480	57,834	59,333	60,866
Michigan	39,839	38,123	39,140	40,496	41,414	41,277	42,839	45,516	46,597	47,238	48,742
Minnesota	47,142	44,745	45,929	47,653	49,114	48,586	50,194	52,335	52,466	53,151	54,857
Mississippi	37,579	37,071	37,343	37,833	38,548	38,372	39,055	39,518	39,925	40,445	40,927
Missouri	44,925	43,884	43,687	43,957	44,994	44,336	45,296	46,782	47,729	48,433	49,979
Montana	39,389	38,659	40,022	41,569	43,176	41,977	43,089	44,473	45,107	45,742	47,407

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**Table 13.11-- PERSONAL INCOME, TOTAL AND PER CAPITA, IN CONSTANT DOLLARS, BY STATE:  
2008 TO 2018 -- Con.**

State	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Nebraska	47,771	46,687	47,477	51,414	51,461	50,779	52,674	54,565	53,175	53,522	55,358
Nevada	40,930	38,200	39,038	39,457	40,232	39,352	41,457	44,074	45,173	46,100	46,970
New Hampshire	45,389	44,987	46,023	47,448	48,372	47,572	48,513	50,376	50,986	51,977	53,832
New Jersey	49,047	47,186	47,202	47,864	48,670	48,845	50,218	52,421	52,973	54,140	55,174
New Mexico	37,712	36,943	37,124	37,526	37,655	36,391	38,242	39,660	40,522	40,548	42,491
New York	44,714	43,697	44,500	45,651	46,883	46,769	47,783	49,675	50,735	53,592	54,819
North Carolina	43,606	41,447	40,922	41,058	42,575	41,126	42,706	44,641	45,044	45,703	46,650
North Dakota	48,610	47,467	51,051	54,623	61,031	57,990	59,875	56,912	55,405	55,221	57,008
Ohio	43,312	42,427	42,671	44,482	45,542	45,385	46,569	48,316	48,719	49,737	51,249
Oklahoma	46,201	42,089	42,697	44,524	46,196	47,335	49,556	47,908	45,518	46,671	48,633
Oregon	40,168	38,236	38,400	39,202	40,202	39,994	41,881	44,612	44,624	45,618	46,819
Pennsylvania	45,000	43,856	44,692	45,882	46,834	46,516	48,068	49,881	50,700	51,608	53,566
Rhode Island	44,364	43,449	45,363	45,919	46,939	46,262	47,004	48,723	48,424	50,045	51,261
South Carolina	38,511	36,981	37,587	38,347	39,226	39,008	40,710	42,514	42,935	43,946	44,531
South Dakota	50,142	48,945	49,584	52,230	50,921	50,838	51,968	53,774	53,098	53,089	55,377
Tennessee	40,974	40,368	41,388	42,564	43,366	42,959	44,269	46,076	47,031	47,459	48,441
Texas	43,342	40,574	41,643	43,785	45,208	44,943	46,732	46,845	45,540	46,954	48,443
Utah	37,223	34,709	34,755	35,927	37,269	37,172	38,759	41,220	42,532	43,478	44,618
Vermont	43,371	42,666	43,621	44,749	45,046	45,009	45,415	46,924	47,703	47,747	49,001
Virginia	47,055	45,454	46,217	47,364	48,224	46,989	48,137	50,145	50,577	51,376	52,704
Washington	45,952	43,125	43,391	44,362	46,214	45,828	47,801	49,770	50,754	51,973	53,502
West Virginia	38,248	38,197	38,286	39,371	39,705	38,992	39,923	40,468	40,531	41,967	43,268
Wisconsin	44,564	43,695	44,005	45,092	46,086	45,781	46,897	48,833	49,518	50,540	52,182
Wyoming	53,815	48,528	49,926	52,805	55,988	54,446	57,058	57,604	54,891	56,541	60,458

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 18, 2020) <<http://www.bea.gov/iTable/iTable.cfm?ReqID=70&step=1>> accessed May 18, 2020; and calculations by Hawaii State Department of Business, Economic Development & Tourism. See also "Real Personal Income for States and Metropolitan Areas, 2018" <<https://www.bea.gov/news/2020/real-personal-income-state-and-metropolitan-area-2018>>.

**Table 13.12-- PERSONAL INCOME, TOTAL AND PER CAPITA, AND POPULATION BY COUNTY: 1994 TO 2018**

Year	State total	City & County of Honolulu	Hawaii	Kauai	Maui and Kalawao
Total (\$1,000)					
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 1/	32,531,130	25,412,931	2,934,325	1,312,259	2,871,615
1999 1/	33,657,545	26,113,634	3,081,127	1,367,324	3,095,460
2000 1/	35,682,033	27,571,297	3,326,966	1,469,363	3,314,407
2001 1/	37,204,033	28,626,089	3,510,902	1,535,779	3,531,263
2002 1/	38,954,769	29,894,595	3,725,896	1,597,358	3,736,920
2003 1/	40,791,025	31,170,188	3,942,552	1,702,671	3,975,614
2004 1/	43,977,375	33,368,413	4,379,204	1,888,102	4,341,656
2005 1/	47,306,326	35,728,717	4,848,840	2,024,507	4,704,262
2006 1/	50,701,090	38,249,805	5,227,476	2,159,942	5,063,867
2007 1/	53,423,078	40,176,577	5,570,974	2,302,505	5,373,022
2008 1/	56,059,909	42,118,992	5,903,907	2,412,045	5,624,965
2009 1/	55,690,031	42,371,822	5,675,130	2,322,396	5,320,683
2010 1/	57,179,141	43,397,685	5,869,367	2,375,385	5,536,704
2011 1/	60,044,624	45,532,320	6,142,665	2,492,278	5,877,361
2012 1/	62,455,917	47,177,994	6,369,930	2,599,394	6,308,599
2013 1/	63,316,600	47,857,319	6,445,702	2,700,471	6,313,108
2014 1/	66,846,123	50,358,033	6,866,362	2,890,458	6,731,270
2015 1/	70,384,467	52,747,310	7,403,169	3,072,470	7,161,518
2016 1/	72,878,649	54,459,502	7,727,884	3,202,096	7,489,167
2017 1/	75,689,488	56,274,893	8,156,188	3,379,704	7,878,703
2018	78,721,133	58,420,993	8,531,484	3,564,549	8,204,107
Population 2/					
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

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**Table 13.12-- PERSONAL INCOME, TOTAL AND PER CAPITA, AND POPULATION BY COUNTY: 1994 TO 2018-- Con.**

Year	State total	City & County of Honolulu	Hawaii	Kauai	Maui and Kalawao
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/	1,363,963	956,296	185,358	67,213	155,096
2011 1/	1,379,252	967,287	187,066	67,898	157,001
2012 1/	1,394,905	978,073	189,164	68,691	158,977
2013 1/	1,408,453	986,222	191,466	69,660	161,105
2014 1/	1,414,862	987,649	193,736	70,324	163,153
2015 1/	1,422,484	991,339	195,941	71,074	164,130
2016 1/	1,428,105	992,692	198,126	71,575	165,712
2017 1/	1,424,203	986,429	199,503	71,780	166,491
2018	1,420,491	980,080	200,983	72,133	167,295
Per capita (dollars) 3/					
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 1/	26,769	28,653	20,121	22,687	23,038
1999 1/	27,809	29,712	20,964	23,468	24,536
2000 1/	29,404	31,452	22,292	25,088	25,678
2001 1/	30,347	32,428	23,145	25,997	26,666
2002 1/	31,425	33,572	24,104	26,631	27,767
2003 1/	32,603	34,854	24,883	28,002	28,893
2004 1/	34,531	36,749	26,891	30,407	30,874
2005 1/	36,594	38,912	28,821	32,205	32,794
2006 1/	38,711	41,264	30,123	34,034	34,737
2007 1/	40,605	43,418	31,345	35,703	36,276
2008 1/	42,080	45,111	32,527	36,767	37,147
2009 1/	41,352	44,925	30,905	34,914	34,687
2010 1/	41,921	45,381	31,665	35,341	35,699
2011 1/	43,534	47,072	32,837	36,706	37,435
2012 1/	44,774	48,236	33,674	37,842	39,682
2013 1/	44,955	48,526	33,665	38,766	39,186
2014 1/	47,246	50,988	35,442	41,102	41,257
2015 1/	49,480	53,208	37,783	43,229	43,633
2016 1/	51,032	54,860	39,005	44,738	45,194
2017 1/	53,145	57,049	40,883	47,084	47,322
2018	55,418	59,608	42,449	49,416	49,040

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**Table 13.12-- PERSONAL INCOME, TOTAL AND PER CAPITA, AND  
POPULATION BY COUNTY: 1994 TO 2018-- Con.**

1/ 1998 to 2017 Personal income and per capita personal income and 2010 to 2017 population revised from previous *Data Book*.

2/ Census Bureau midyear population estimates. Estimates for 2010-2018 reflect county population estimates available as of March 2019.

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&acrdn=7#reqid=70&step=1&isuri=1>> accessed July 17, 2020. See also "Local Area Personal Income, 2018" (November 14, 2019)

<<https://www.bea.gov/system/files/2019-11/lapi1119.pdf>> 'accessed July 17, 2020.

**Table 13.13-- PERFORMANCE RANKINGS FOR METROPOLITAN STATISTICAL AREAS, URBAN HONOLULU AND SAN FRANCISCO-REDWOOD CITY-SOUTH SAN FRANCISCO: 2018 AND 2020**

[See also 'Methodology' <<https://milkeninstitute.org/reports/best-performing-cities-2020/methodology>> accessed March 2, 2020]

Category and location	2018		2020	
	Period	Rank 1/	Period	Rank 1/
Urban Honolulu				
Overall	2018	141	2020	167
Job growth (5-year)	2012 to 2017	139	2013 to 2018	157
Job growth (1-year)	2016 to 2017	145	2017 to 2018	183
Wage growth (5-year)	2011 to 2016	102	2012 to 2017	117
Wage growth (1-year)	2015 to 2016	98	2016 to 2017	161
Short-term job growth	August: 2017 to 2018	73	August: 2018 to 2019	136
High tech GDP growth (5-year)	2012 to 2017	130	2013 to 2018	120
High tech GDP growth (1-year)	2016 to 2017	172	2017 to 2018	95
High-tech GDP concentration 2/	2017	172	2018	168
Number of high-tech GDP industries with location quotients over 1 2/	2017	176	2018	151
San Francisco-Redwood City- South San Francisco				
Overall	2018	4	2020	1
Job growth (5-year)	2012 to 2017	11	2013 to 2018	13
Job growth (1-year)	2016 to 2017	40	2017 to 2018	22
Wage growth (5-year)	2011 to 2016	1	2012 to 2017	2
Wage growth (1-year)	2015 to 2016	1	2016 to 2017	2
Short-term job growth	August: 2017 to 2018	59	August: 2018 to 2019	11
High tech GDP growth (5-year)	2012 to 2017	1	2013 to 2018	1
High tech GDP growth (1-year)	2016 to 2017	11	2017 to 2018	8
High-tech GDP concentration 2/	2017	5	2018	2
Number of high-tech GDP industries with location quotients over 1 2/	2017	15	2018	17

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: 2018, Where America's Jobs Are Created and Sustained* (January 2019) <<http://www.best-cities.org/>> accessed January 25, 2019; and *Ibid.* 2020 (March 2, 2020) <<https://milkeninstitute.org/reports/best-performing-cities-2020>> accessed March 2, 2020.

**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

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**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

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

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

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

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



**Table 13.17-- MEDIAN INCOME OF HOUSEHOLDS, FAMILIES, UNRELATED INDIVIDUALS AND PERSONS: 1949 TO 2018**

[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
2018	80,212	95,448	43,432	51,413	42,584

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 Community Survey 1-Year Estimates Hawaii Geographic Area Profiles "DP03 Selected Economic Characteristics" (annual) <<http://census.hawaii.gov/acs/>> accessed January 22, 2020.

**Table 13.18-- MEDIAN INCOME OF FOUR-PERSON FAMILIES IN HAWAII AND THE UNITED STATES: 2005 TO 2018**

[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
2018	112,345	94,593	7	118.8

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

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

Source: U.S. Census Bureau, "American Community Survey 1-Year Estimates, Table B19119. Median Family Income In The Past 12 Months (In Inflation-Adjusted Dollars) By Family Size" (annual) <<https://data.census.gov>> accessed January 22, 2020 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 2018 DOLLARS: 1984 TO 2018**

[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 2018 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

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**Table 13.19 -- MEDIAN MONEY INCOME OF HOUSEHOLDS, FOR HAWAII AND THE UNITED STATES, IN CURRENT AND CONSTANT 2018 DOLLARS: 1984 TO 2018 -- Con.**

Year	Median income in current dollars -- Con.					
	Hawaii			United States		
	Amount (dollars)	Percent change	Standard error	Amount (dollars)	Percent change	Standard error
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/	64,235	14.2	3,918	53,585	5.0	654
2014	71,223	10.9	2,676	53,657	0.1	392
2015	64,514	-9.4	2,840	56,516	5.3	321
2016	72,133	11.8	2,510	59,039	4.5	436
2017 2/	73,599	2.0	2,352	61,136	3.6	322
2018	80,108	8.8	3,482	63,179	3.3	420
Median income in constant (2018) dollars						
1984	66,659	(NA)	2,807	51,742	(NA)	235
1985	64,634	-3.0	3,227	52,709	1.9	286
1986	63,614	-1.6	2,645	54,608	3.6	283
1987	74,261	16.7	2,277	55,260	1.2	269
1988	67,583	-9.0	3,033	55,716	0.8	284
1989	68,695	1.6	2,604	56,678	1.7	312
1990	72,729	5.9	2,642	55,952	-1.3	286
1991	67,155	-7.7	2,939	54,318	-2.9	260
1992	74,088	10.3	2,525	53,897	-0.8	255
1993	73,208	-1.2	3,018	53,610	-0.5	251
1994	71,027	-3.0	4,073	54,233	1.2	247
1995	70,334	-1.0	2,121	55,931	3.1	323
1996	66,785	-5.0	3,027	56,744	1.5	286
1997	64,060	-4.1	2,189	57,911	2.1	268
1998	63,039	-1.6	3,658	60,040	3.7	355
1999	67,284	6.7	2,770	61,526	2.5	287
2000	75,373	12.0	1,744	61,399	-0.2	193
2001	67,447	-10.5	1,786	60,038	-2.2	183
2002	66,210	-1.8	1,919	59,360	-1.1	195
2003	70,941	7.1	1,823	59,286	-0.1	257
2004	74,949	5.6	2,252	59,080	-0.3	261

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**Table 13.19 -- MEDIAN MONEY INCOME OF HOUSEHOLDS, FOR HAWAII AND THE UNITED STATES, IN CURRENT AND CONSTANT 2018 DOLLARS: 1984 TO 2018 -- Con.**

Year	Median income in constant dollars -- Con.					
	Hawaii			United States		
	Amount (dollars)	Percent change	Standard error	Amount (dollars)	Percent change	Standard error
2005	76,803	2.5	1,562	59,712	1.1	200
2006	75,496	-1.7	1,961	60,178	0.8	258
2007	77,726	3.0	2,580	60,985	1.3	170
2008	71,927	-7.5	1,732	58,811	-3.6	160
2009	65,289	-9.2	2,373	58,400	-0.7	250
2010	68,719	5.3	3,152	56,873	-2.6	375
2011	66,068	-3.9	2,832	56,006	-1.5	281
2012	61,648	-6.7	2,471	55,900	-0.2	229
2013 1/	69,355	12.5	4,230	57,856	3.5	706
2014	75,619	9.0	2,841	56,969	-1.5	416
2015	68,379	-9.6	3,010	59,901	5.1	340
2016	75,480	10.4	2,626	61,779	3.1	456
2017 2/	75,393	-0.1	2,409	62,626	1.4	330
2018	80,108	6.3	3,482	63,179	0.9	420

NA Not available.

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

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

Source: U.S. Census Bureau, Historical Income Tables - Households, Table H-8. Median Household Income by State: 1984 to 2018 <<https://www2.census.gov/programs-surveys/cps/tables/time-series/historical-income-households/h08.xls>> accessed January 22, 2020; 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 2018 DOLLARS: 1984 TO 2018**

[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	65,646	(NA)	2,482	52,226	(NA)	215
1985-1986	64,124	-2.3	2,418	53,659	2.7	234
1986-1987	68,938	7.5	2,025	54,934	2.4	227
1987-1988	70,922	2.9	2,192	55,488	1.0	228
1988-1989	68,139	-3.9	2,319	56,197	1.3	245
1989-1990	70,712	3.8	2,155	56,315	0.2	246
1990-1991	69,942	-1.1	2,294	55,135	-2.1	224
1991-1992	70,622	1.0	2,247	54,108	-1.9	211
1992-1993	73,648	4.3	2,281	53,754	-0.7	208
1993-1994	72,118	-2.1	2,929	53,921	0.3	204
1994-1995	70,681	-2.0	2,604	55,082	2.2	235
1995-1996	68,559	-3.0	2,130	56,338	2.3	251
1996-1997	65,422	-4.6	2,156	57,328	1.8	228
1997-1998	63,549	-2.9	2,438	58,976	2.9	257
1998-1999	65,161	2.5	2,653	60,783	3.1	265
1999-2000	71,328	9.5	1,877	61,463	1.1	199
2000-2001	71,410	0.1	1,450	60,719	-1.2	155
2001-2002	66,828	-6.4	1,522	59,699	-1.7	155
2002-2003	68,575	2.6	1,537	59,323	-0.6	186
2003-2004	72,945	6.4	1,678	59,183	-0.2	213
2004-2005	75,876	4.0	1,579	59,396	0.4	190
2005-2006	76,150	0.4	1,452	59,945	0.9	189
2006-2007	76,611	0.6	1,874	60,582	1.1	178
2007-2008	74,826	-2.3	1,788	59,898	-1.1	136
2008-2009	68,608	-8.3	1,696	58,605	-2.2	170
2009-2010	67,095	-2.2	2,618	57,553	-1.8	332
2010-2011	67,394	0.4	2,417	56,440	-1.9	285
2011-2012	63,858	-5.2	2,040	55,953	-0.9	210
2012-2013 1/	63,975	0.2	1,743	55,990	0.1	198
2014-2015 1/	71,999	12.5	2,251	58,435	4.4	268
2015-2016	71,929	-0.1	2,049	60,840	4.1	288
2016-2017	75,425	4.9	1,902	62,323	2.4	315
2017-2018	77,750	3.1	2,269	62,903	0.9	319

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**Table 13.20- MEDIAN MONEY INCOME OF HOUSEHOLDS, FOR HAWAII  
AND THE UNITED STATES, 2-YEAR MOVING AVERAGES IN  
CONSTANT 2018 DOLLARS: 1984 TO 2018 -- 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 2018 Two-Year Moving Averages" <<https://www2.census.gov/programs-surveys/cps/tables/time-series/historical-income-households/h08a.xls>> accessed July 18, 2020 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 2018 DOLLARS: 1984 TO 2018**

[Based on small samples and subject to considerable sampling variation. From surveys conducted in March or April of following year. Median income in 2018 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	64,969	2,044	5	53,020	189	22 & 23
1985-1987	67,503	1,909	5	54,192	196	23 & 24
1986-1988	68,486	1,839	6	55,195	194	24 & 25
1987-1989	70,180	1,872	5	55,884	202	22 & 23
1988-1990	69,669	1,924	6	56,115	207	21 & 22
1989-1991	69,526	1,905	6	55,649	200	20 & 21
1990-1992	71,324	1,904	3	54,722	186	23 & 24
1991-1993	71,484	1,962	3	53,942	178	23 & 24
1992-1994	72,775	2,261	2	53,913	175	23 & 24
1993-1995	71,523	2,232	2	54,591	191	22 & 23
1994-1996	69,382	2,129	3	55,636	202	22 & 23
1995-1997	67,060	1,751	5	56,862	205	22 & 23
1996-1998	64,628	2,043	14	58,232	211	22 & 23
1997-1999	64,794	2,069	16	59,826	216	22 & 23
1998-2000	68,565	1,960	10	60,989	199	21 & 22
1999-2001	70,034	1,471	9	60,988	155	20 & 21
2000-2002	69,676	1,269	10	60,266	133	24 & 25
2001-2003	68,199	1,293	11	59,561	148	24 & 25
2002-2004	70,700	1,390	8	59,242	168	20 & 21
2003-2005	74,231	1,341	4	59,359	169	21 & 22
2004-2006	75,749	1,332	3	59,657	166	22 & 23
2005-2007	76,675	1,439	4	60,292	150	20 & 21
2006-2008	75,049	1,497	5	59,992	138	22 & 23
2007-2009	71,647	1,538	7	59,399	135	22 & 23
2008-2010	68,248	1,528	10	58,093	155	26 & 27
2009-2011	66,753	2,239	9	57,038	277	26 & 27
2010-2012	65,478	1,994	11	56,260	231	24 & 25
2011-2013 2/	64,673	1,561	12	55,995	184	26 & 27
2013-2015 2/	71,117	2,127	6	58,242	301	25 & 26
2014-2016 2/	73,159	1,794	6	59,550	241	27 & 28
2015-2017 2/	73,076	1,549	10	61,516	247	25 & 26
2016-2018 2/	76,759	1,816	6	62,589	294	25 & 26

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**Table 13.21-- MEDIAN MONEY INCOME OF HOUSEHOLDS, FOR HAWAII AND THE UNITED STATES, 3-YEAR MOVING AVERAGES IN CONSTANT 2018 DOLLARS: 1984 TO 2018 -- 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 2018 Three-Year Moving Averages" <<http://www2.census.gov/programs-surveys/cps/tables/time-series/historical-income-households/h08b.xls>> accessed July 18, 2020; 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): 2014-2018**

[Average of the 5-year period]

Geographic area	Median income (dollars) 1/		Percent below poverty level 2/	
	Households	Families	Persons	Families
State	78,084	90,935	9.9	6.7
County: Hawaii	59,297	71,029	16.6	11.9
Honolulu	82,906	97,139	8.7	5.7
Kalawao	61,875	123,750	10.6	25.0
Kauai	78,482	89,485	8.5	6.3
Maui	77,117	85,722	9.7	6.6
CDP: Hilo	60,120	74,271	19.0	12.2
East Honolulu	126,608	143,415	3.3	2.2
Kailua (Oahu)	112,797	126,430	5.2	3.1
Kaneohe	104,784	113,740	5.1	3.0
Pearl City	94,417	107,469	4.3	2.8
Urban Honolulu	68,873	85,776	11.3	7.4
Waipahu	77,227	80,665	11.8	9.5
Kahului	81,614	84,881	10.0	6.3
Lihue	72,179	88,702	4.7	1.4

1/ Inflation- adjusted 2018 dollars for 2014-2018.

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: Hawaii State Department of Business, Economic Development & Tourism, 2014-2018 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://census.hawaii.gov/acs/acs-2018/5-yr-dp/>> accessed June 6, 2020.

**Table 13.23-- ESTIMATED MEDIAN HOUSEHOLD INCOME AND POVERTY STATUS, BY COUNTY: 2016 TO 2018**

[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
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
2018					
State total	80,527	124,400	9.0	35,184	11.8
Hawaii	56,383	30,903	15.6	9,591	22.5
Honolulu	83,695	73,345	7.7	20,035	9.8
Kalawao 2/	(NA)	(NA)	(NA)	(NA)	(NA)
Kauai	73,981	6,021	8.5	1,836	11.9
Maui 2/	78,503	14,130	8.6	3,721	10.5

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 22, 2020.

**Table 13.24-- INCOME OF HOUSEHOLDS AND FAMILIES: 2016 TO 2018**

[Data based on a sample and may be subject to sampling variation]

Income	Households		Families	
	Number	Percent	Number	Percent
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)
2018 (in 2018 inflation-adjusted dollars)	455,309	100.0	316,849	100.0
Less than \$10,000	24,091	5.3	8,444	2.7
\$10,000 to \$14,999	9,842	2.2	3,263	1.0
\$15,000 to \$24,999	27,911	6.1	12,464	3.9
\$25,000 to \$34,999	32,712	7.2	17,776	5.6
\$35,000 to \$49,999	47,812	10.5	29,475	9.3
\$50,000 to \$74,999	70,691	15.5	48,124	15.2
\$75,000 to \$99,999	60,450	13.3	46,125	14.6
\$100,000 to \$149,999	91,465	20.1	73,807	23.3
\$150,000 to \$199,999	43,919	9.6	38,315	12.1
\$200,000 or more	46,416	10.2	39,056	12.3
Median income (dollars)	80,212	(X)	95,448	(X)

X Not applicable.

Source: U.S. Census Bureau, American Community Survey 1-Year Estimates, Hawaii (annual) "DP03: Selected Economic Characteristics" <<https://data.census.gov>> accessed January 22, 2020.

**Table 13.25-- INCOME TYPE AND PER CAPITA INCOME, BY COUNTY: 2013-2017 AND 2014-2018**

[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 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
Households 2014- 2018						
With earnings (number)	367,315	256,434	49,342	41	17,591	43,907
Mean earnings (dollars) 1/	95,152	99,402	76,447	78,010	88,399	94,071
With Social Security income (number)	162,578	106,089	27,897	6	8,592	19,994
Mean Social Security income (dollars) 1/	19,702	19,759	19,296	7,100	20,084	19,805
With retirement income (number)	108,699	76,050	15,756	4	5,077	11,812
Mean retirement income (dollars) 1/	30,984	32,526	28,376	(2/)	28,636	25,550
With Supplemental Security income (number)	19,767	12,545	4,092	2	840	2,288
Mean Supplemental Security income (dollars) 1/	9,968	9,741	10,209	(2/)	10,616	10,550
With cash public assistance income (number)	14,042	9,348	2,762	2	491	1,439
Mean cash public assistance income (dollars) 1/	4,540	4,314	4,834	(2/)	5,027	5,285
With Food Stamp/SNAP benefits in the past 12 months	50,897	30,132	13,250	1	2,135	5,379
Per capita income (dollars) 1/	34,035	35,202	29,253	47,709	31,674	33,792

1/ In 2017-inflation adjusted dollars for 2013-2017, and 2018-inflation adjusted dollars for 2014-2018.

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

Source: U.S. Census Bureau, American Community Survey 5-Year Estimates 2013-2017, "DP03: Selected Economic Characteristics: Hawaii State, and Counties" <<https://factfinder.census.gov/faces/nav/jsf/pages/searchresults.xhtml?refresh=T>> accessed January 25, 2019; and Ibid. 2014-2018 <<https://data.census.gov>> accessed January 22, 2020.

**Table 13.26-- POVERTY STATUS OF PERSONS: 1980 TO 2018**

[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/	1,338	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/ 3/	1,402	149	17	10.6	1.2
2018	1,393	128	16	9.2	1.1

Continued on next page.

## **Table 13.26-- POVERTY STATUS OF PERSONS: 1980 TO 2018 -- 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, 12.3 percent in 2017 and 11.8 percent in 2018.

2/ 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.

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

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 24, 2020.

**Table 13.27-- POVERTY STATUS, FOR THE STATE AND BY COUNTY: 2014-2018**

[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 2014-2018. Data in percent below poverty level]

Subject	State total	City & County of Honolulu	Hawaii County	Kalawao County	Kauai County	Maui County
All families	6.7	5.7	11.9	25.0	6.3	6.6
With related children under 18 years	10.0	8.3	19.7	(1/)	7.6	9.7
With related children under 5 years only	9.1	7.1	21.4	(1/)	11.4	10.4
Married couple families	3.8	3.4	6.1	25.0	3.4	3.9
With related children under 18 years	4.5	4.1	7.5	(1/)	2.7	5.2
With related children under 5 years only	3.2	3.0	4.8	(1/)	1.9	3.4
Families with female householder, no husband present	17.9	15.7	30.1	(1/)	14.8	16.0
With related children under 18 years	26.9	24.4	42.7	(1/)	16.9	22.2
With related children under 5 years only	33.5	29.1	47.3	(1/)	31.9	35.7
All people	9.9	8.7	16.6	10.6	8.5	9.7
Under 18 years	12.5	10.7	23.4	(1/)	7.9	11.7
Related children under 18 years	12.1	10.3	23.1	(1/)	7.5	11.1
Related children under 5 years	13.9	11.1	29.2	(1/)	10.6	15.4
Related children 5 to 17 years	11.3	10.0	20.8	(1/)	6.3	9.5
18 years and over	9.2	8.2	14.7	10.6	8.6	9.2
18 to 64 years	9.6	8.3	16.5	11.9	9.2	9.5
65 years and over	8.0	7.8	9.4	0.0	6.7	7.9
People in families	6.9	5.9	12.9	15.0	5.6	6.7
Unrelated individuals 15 years and over	24.3	23.1	31.6	8.7	21.5	22.8

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

Source: U.S. Census Bureau, 2014-2018 American Community Survey 5-Year Estimates, "DP03: Selected Economic Characteristics: Hawaii State, and Counties" <<https://data.census.gov/>> accessed July 19, 2020.



**Table 13.28-- POVERTY INCOME GUIDELINES FOR HAWAII, THE 48 CONTIGUOUS STATES, AND ALASKA: 2011 TO 2020**

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

Effective date	Size of family unit								Add'n member
	1	2	3	4	5	6	7	8	
Jan. 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
Jan. 15, 2020	14,680	19,830	24,980	30,130	35,280	40,430	45,580	50,730	5,150
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
Jan. 15, 2020									
U.S. 1/	12,760	17,240	21,720	26,200	30,680	35,160	39,640	44,120	4,480
Alaska	15,950	21,550	27,150	32,750	38,350	43,950	49,550	55,150	5,600

Continued on next page.

**Table 13.28-- POVERTY INCOME GUIDELINES FOR HAWAII, THE 48 CONTIGUOUS STATES, AND ALASKA: 2011 TO 2020 -- 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; 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; and for 2020 <<https://aspe.hhs.gov/prior-hhs-poverty-guidelines-and-federal-register-references>> accessed February 3, 2020.

**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

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**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

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**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: 2017-2018**

[Averages over two-year period. Number in units, unless otherwise specified. Expenditures in dollars. See also "Consumer Expenditures Honolulu Metropolitan Area: 2017-18" <[https://www.bls.gov/regions/west/news-release/consumerexpenditures\\_honolulu.htm](https://www.bls.gov/regions/west/news-release/consumerexpenditures_honolulu.htm)>]

Item	All consumer units in the West 1/	Honolulu	Los Angeles	San Francisco	San Diego	Seattle	Phoenix	Denver	Anchorage
Average annual expenditures	68,276	60,710	68,129	80,733	79,672	84,864	66,908	73,670	71,855
Food	8,947	10,985	8,974	10,146	10,613	11,412	7,817	9,106	9,031
Food at home	4,962	5,899	4,543	5,192	5,580	6,195	3,926	5,256	5,779
Cereals and bakery products	618	691	563	644	700	763	534	606	790
Meats, poultry, fish, and eggs	1,024	1,467	1,030	1,165	1,334	1,217	677	1,237	1,202
Dairy products	513	508	431	543	520	645	367	492	550
Fruits and vegetables	998	1,265	955	1,091	1,033	1,358	695	1,184	1,011
Other food at home	1,808	1,968	1,563	1,749	1,993	2,212	1,654	1,737	2,226
Food away from home	3,985	5,086	4,431	4,954	5,033	5,217	3,890	3,850	3,252
Alcoholic beverages	702	517	657	800	1,218	1,124	527	772	878
Housing	23,035	23,045	24,326	31,786	28,591	29,269	20,730	25,164	22,619
Shelter	14,470	14,710	16,613	21,578	19,562	18,966	10,767	15,149	13,688
Owned dwellings	7,575	7,376	7,767	10,932	10,176	10,040	6,251	7,907	8,133
Rented dwellings	6,029	6,949	8,063	9,362	8,061	7,764	3,568	6,283	4,682
Other lodging	867	385	783	1,285	1,325	1,162	948	960	873
Utilities, fuels, and public services	3,910	4,416	3,787	4,385	3,689	4,004	4,337	4,126	4,744
Household operations	1,657	1,263	1,554	3,230	2,180	2,399	1,770	2,001	1,254
Housekeeping supplies	838	838	757	703	833	923	912	1,065	845
Household furnishings and equip.	2,159	1,817	1,616	1,890	2,327	2,977	2,944	2,822	2,088
Apparel and services	2,059	1,634	2,089	2,134	2,582	3,155	2,120	2,359	2,277
Transportation	10,550	6,611	9,273	9,138	11,363	11,999	12,720	11,218	11,290
Vehicle purchases (net outlay)	4,405	1,595	2,966	2,860	3,737	4,412	6,531	4,591	5,025
Gasoline and motor oil	2,293	1,800	2,706	1,977	2,487	2,175	2,041	2,026	2,366
Other vehicle expenses	2,931	2,202	2,683	2,797	3,523	3,978	3,537	3,420	2,509
Public and other transportation	921	1,014	918	1,504	1,616	1,434	610	1,181	1,390

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**Table 13.31-- AVERAGE ANNUAL EXPENDITURES AND OTHER CHARACTERISTICS OF CONSUMER UNITS, FOR SELECTED WESTERN METROPOLITAN STATISTICAL AREAS: 2017-2018 -- Con.**

Item	All consumer units in the West 1/	Honolulu	Los Angeles	San Francisco	San Diego	Seattle	Phoenix	Denver	Anchorage
Healthcare	4,834	4,134	3,890	4,602	5,174	5,355	6,038	5,820	5,233
Entertainment	3,729	2,665	2,853	3,309	4,576	4,334	3,776	4,431	4,376
Personal care products and services	864	798	811	950	1,020	911	1,004	1,318	784
Reading	117	53	94	177	124	157	78	129	108
Education	1,521	1,074	2,334	3,746	1,264	2,047	804	1,461	1,116
Tobacco products & smoking supplies	261	178	211	93	147	298	554	294	535
Miscellaneous	1,201	358	1,247	1,664	1,639	1,454	930	1,144	1,069
Cash contributions	2,387	1,456	1,654	2,461	1,793	2,630	1,376	1,992	1,802
Personal insurance and pensions	8,070	7,202	9,716	9,728	9,567	10,719	8,434	8,463	10,736
Life and other personal insurance	374	289	393	318	593	411	332	317	529
Pensions and Social Security	7,696	6,912	9,323	9,410	8,974	10,308	8,102	8,146	10,207
Number of consumer units (1,000's)	28,992	537	6,605	1,856	1,147	1,872	1,279	1,344	210
Consumer unit characteristics									
Income before taxes	82,878	94,905	82,119	122,977	100,327	117,499	71,250	95,984	93,396
Age of reference person	49.9	56.6	49.2	51.5	49.2	45.5	51.9	48.0	51.8
Average number in consumer unit	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
People	2.6	2.8	2.8	2.5	2.7	2.4	2.5	2.5	2.4
Children under 18	0.7	0.6	0.7	0.5	0.7	0.6	0.6	0.7	0.5
Adults 65 and older	0.4	0.6	0.3	0.4	0.4	0.2	0.4	0.3	0.3
Earners	1.4	1.5	1.5	1.4	1.3	1.5	1.2	1.5	1.5
Vehicles	2.0	1.8	1.7	1.7	2.2	2.0	2.0	2.0	2.4
Percent homeowner	59.0	62.0	52.0	57.0	55.0	55.0	68.0	62.0	63.0

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 2019) <<https://www.bls.gov/cex/tables.htm>> accessed July 15, 2020.



**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: 2012 TO 2018**

[In millions of current dollars. BEA revised estimates in this series 2014 to 2017]

Industry	2012	2013	2014	2015	2016	2017	2018
Personal consumption expenditures (PCE)	53,034	54,876	57,788	60,111	62,839	65,911	69,262
Goods	16,859	17,428	18,153	18,468	19,167	20,130	21,212
Durable goods	5,363	5,597	5,842	6,066	6,360	6,742	7,089
Motor vehicles & parts	1,434	1,537	1,623	1,741	1,786	1,844	1,882
Furnishings & durable household equipment	1,163	1,203	1,262	1,326	1,396	1,479	1,553
Recreational goods & vehicles	1,908	1,978	2,049	2,080	2,242	2,447	2,577
Other durable goods	858	880	909	920	935	972	1,076
Nondurable goods	11,496	11,831	12,311	12,401	12,807	13,388	14,123
Food & beverages purchased for off-premises consumption	4,800	5,016	5,205	5,341	5,528	5,838	6,172
Clothing and footwear	1,175	1,166	1,222	1,235	1,260	1,240	1,372
Gasoline & other energy goods	1,153	1,095	1,016	743	711	788	898
Other nondurable goods	4,367	4,554	4,868	5,083	5,308	5,522	5,681
Services	36,176	37,448	39,635	41,644	43,672	45,781	48,050
Household consumption expenditures (for services)	33,754	35,024	37,046	39,010	40,803	42,795	44,873
Housing and utilities	11,216	11,671	12,338	13,001	13,587	14,137	14,634
Health care	7,431	7,590	7,992	8,579	9,198	9,745	10,318
Transportation services	1,660	1,781	1,851	1,871	1,984	2,098	2,228
Recreation services	1,801	1,920	1,995	2,033	2,057	2,127	2,189
Food services & accom.	2,784	2,930	3,114	3,307	3,492	3,704	3,871
Financial services & insurance	4,071	4,214	4,533	4,786	4,919	5,172	5,528
Other services	4,791	4,918	5,224	5,434	5,567	5,813	6,106
Final consumption expenditures of nonprofit institutions serving households (NPISHs)	2,422	2,424	2,589	2,633	2,869	2,985	3,177
Gross output of nonprofit institutions	6,645	6,797	7,248	7,631	8,211	8,540	8,968
Less: Receipts from sales of goods & serv. by nonprof. inst.	4,223	4,373	4,659	4,998	5,342	5,554	5,790

Source: U.S. Bureau of Economic Analysis, Interactive Tables: SAEXP1 Total personal consumption expenditures (PCE) by state: 1997 to 2018  
<https://www.bea.gov/itable/itable.cfm?ReqID=70&step=1#reqid=70&step=1&isuri=1> accessed October 3, 2019. See also "Personal Consumption Expenditures, By State: 2018" (October 3, 2019)  
<https://www.bea.gov/news/2019/personal-consumption-expenditures-state-2018> accessed October 3, 2019.

**Table 13.38-- PERSONAL CONSUMPTION EXPENDITURES PER CAPITA,  
BY MAJOR TYPE OF PRODUCT: 2012 TO 2018**

[Per capita PCE estimates are in current dollars, and reflect Census Bureau midyear population estimates, for years 2012-2018 available as of December 2018. Per capita values are computed from unrounded data. 2014 to 2017 revised from previous *Data Book*]

Industry	2012	2013	2014	2015	2016	2017	2018
Personal consumption expend. (PCE) per cap.	38,078	38,973	40,844	42,258	44,001	46,279	48,759
Goods	12,104	12,377	12,830	12,983	13,421	14,134	14,933
Durable goods	3,850	3,975	4,129	4,265	4,453	4,734	4,991
Motor vehicles & parts	1,029	1,091	1,147	1,224	1,251	1,295	1,325
Furnishings & durable household equipment	835	854	892	932	978	1,039	1,094
Rec. goods & vehicles	1,370	1,405	1,448	1,462	1,570	1,718	1,814
Other durable goods	616	625	642	646	655	682	758
Nondurable goods	8,254	8,402	8,701	8,718	8,968	9,400	9,942
Food & bev. purchased for off-premises consumption	3,446	3,562	3,679	3,754	3,871	4,099	4,345
Clothing and footwear	844	828	864	868	882	871	966
Gasoline & other energy goods	828	778	718	523	498	553	632
Other nondurable goods	3,135	3,234	3,441	3,573	3,717	3,877	3,999
Services	25,974	26,596	28,013	29,275	30,581	32,145	33,827
Household consumption expenditures (for services)	24,235	24,874	26,184	27,424	28,572	30,049	31,590
Housing and utilities	8,053	8,289	8,720	9,139	9,514	9,927	10,302
Health care	5,335	5,391	5,649	6,031	6,441	6,842	7,264
Transportation services	1,192	1,265	1,308	1,315	1,389	1,473	1,568
Recreation services	1,293	1,364	1,410	1,429	1,440	1,493	1,541
Food services & accom.	1,999	2,081	2,201	2,325	2,445	2,601	2,725
Financial services & insur.	2,923	2,992	3,204	3,365	3,444	3,631	3,891
Other services	3,440	3,493	3,692	3,820	3,898	4,081	4,299
Final cons. expend. of of nonprofit inst. serving households (NPISHs)	1,739	1,721	1,830	1,851	2,009	2,096	2,237
Gross output of nonprofit institutions	4,771	4,827	5,123	5,365	5,749	5,996	6,313
Less: Receipts from sales of goods & serv. by nonprof. inst.	3,032	3,106	3,293	3,514	3,741	3,900	4,076

Source: U.S. Bureau of Economic Analysis, Interactive Tables: SAEXP2 Per capita personal consumption expenditures (PCE) by state, 1997-2018 <<https://www.bea.gov/itable/iTable.cfm?ReqID=70&step=1#reqid=70&step=1&isuri=1>> accessed October 3, 2019. See also "Personal Consumption Expenditures, By State: 2018" (October 3, 2019) <<https://www.bea.gov/news/2019/personal-consumption-expenditures-state-2018>> 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: 2012 TO 2018**

[In current dollars. Per capita PCE estimates are in current dollars, and reflect Census Bureau midyear population estimates, for years 2012 to 2017 available as of December 2018. Per capita values are computed from unrounded data. 2014 to 2017 revised from previous *Data Book* ]

State	2012	2013	2014	2015	2016	2017	2018
U.S. average	35,026	35,762	37,108	38,278	39,440	40,922	42,757
Hawaii	38,078	38,973	40,844	42,258	44,001	46,279	48,759
Hawaii as % of U.S.	108.7	109.0	110.1	110.4	111.6	113.1	114.0
Alabama	28,827	29,290	30,124	30,843	31,497	32,527	33,904
Alaska	41,719	42,218	43,886	45,345	46,205	48,053	50,246
Arizona	30,467	30,910	31,770	32,438	33,059	34,471	35,906
Arkansas	28,212	28,846	29,796	30,596	31,628	32,913	34,095
California	36,701	37,419	39,014	40,743	42,549	44,502	46,981
Colorado	35,938	36,617	38,006	39,268	40,552	42,215	44,174
Connecticut	43,786	44,899	46,691	47,998	49,215	50,893	52,941
Delaware	37,479	38,174	39,475	40,573	41,416	42,536	44,103
Dist. of Col.	53,294	54,126	55,497	57,567	58,795	60,471	63,151
Florida	34,396	34,918	36,406	37,700	38,447	39,539	41,148
Georgia	30,234	30,922	32,111	32,858	33,788	34,965	36,488
<b>Hawaii</b>	<b>38,078</b>	<b>38,973</b>	<b>40,844</b>	<b>42,258</b>	<b>44,001</b>	<b>46,279</b>	<b>48,759</b>
Idaho	29,015	30,120	31,276	32,472	33,761	35,322	36,777
Illinois	36,252	36,891	38,372	39,835	41,213	42,979	45,085
Indiana	31,630	32,142	32,955	33,797	34,832	36,354	37,680
Iowa	32,727	33,397	34,501	35,361	36,361	37,706	38,944
Kansas	31,927	32,505	33,567	34,439	35,324	36,478	37,897
Kentucky	29,348	29,844	30,752	31,696	32,720	33,828	35,150
Louisiana	30,419	31,098	32,143	33,062	33,713	34,696	36,104
Maine	37,947	38,675	39,806	40,809	41,836	43,436	45,497
Maryland	38,890	39,555	40,923	42,252	43,593	45,207	46,820
Massachusetts	45,342	46,271	47,958	49,725	51,292	53,286	55,095
Michigan	33,648	34,323	35,517	36,607	37,795	39,118	40,764
Minnesota	38,353	39,252	40,621	41,887	43,397	45,439	47,434
Mississippi	26,785	27,256	27,864	28,434	29,109	29,942	31,083
Missouri	34,081	34,595	35,401	36,384	37,291	38,618	40,060
Montana	34,692	35,727	36,911	38,189	39,236	40,933	42,698
Nebraska	34,752	35,521	36,611	37,610	38,831	40,190	41,690
Nevada	35,199	35,912	37,304	38,220	39,074	39,997	41,458
New Hampshire	43,654	44,861	45,968	47,201	48,335	50,034	52,120
New Jersey	43,374	44,384	46,223	47,694	49,047	50,541	52,729

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**Table 13.39-- PERSONAL CONSUMPTION EXPENDITURES PER CAPITA FOR THE UNITED STATES AVERAGE, THE 50 STATES AND THE DISTRICT OF COLUMBIA: 2012 TO 2018 -- Con.**

State	2012	2013	2014	2015	2016	2017	2018
New Mexico	30,285	30,910	32,055	32,975	33,757	34,687	36,258
New York	40,637	41,897	44,274	45,833	47,668	49,857	52,701
North Carolina	29,256	30,018	30,998	31,903	32,856	34,179	35,718
North Dakota	42,314	44,293	46,536	46,342	45,871	46,814	48,499
Ohio	34,219	34,912	36,048	37,137	38,040	39,341	40,852
Oklahoma	29,449	30,034	31,141	31,602	32,167	32,966	34,500
Oregon	34,054	35,039	36,540	38,021	39,160	40,870	42,717
Pennsylvania	37,222	37,997	39,145	40,239	41,316	42,760	44,805
Rhode Island	37,253	38,099	39,476	40,889	41,893	43,266	45,144
South Carolina	29,405	30,182	31,159	31,853	32,726	33,637	34,689
South Dakota	35,930	37,178	38,441	39,689	40,961	42,491	44,149
Tennessee	30,010	30,376	31,529	32,491	33,539	34,886	36,340
Texas	32,469	33,203	34,505	35,302	36,134	37,396	39,045
Utah	29,782	30,456	31,757	33,009	34,483	35,801	37,721
Vermont	40,821	42,351	44,051	45,333	46,429	47,882	49,950
Virginia	37,995	38,515	39,713	40,843	42,085	43,457	45,139
Washington	37,392	38,314	39,719	41,120	42,427	44,235	46,574
West Virginia	30,204	30,713	31,579	32,516	33,489	34,604	36,071
Wisconsin	34,760	35,659	36,845	37,896	39,152	40,611	42,456
Wyoming	36,864	37,815	39,148	39,423	39,604	40,921	42,766

Source: U.S. Bureau of Economic Analysis, Interactive Tables: SAEXP2 Per capita personal consumption expenditures (PCE) by state, 1997-2018

<<https://www.bea.gov/itable/iTable.cfm?ReqID=70&step=1#reqid=70&step=1&isuri=1>> accessed October 3, 2019. See also "Personal Consumption Expenditures, By State: 2018" (October 3, 2019)

<<https://www.bea.gov/news/2019/personal-consumption-expenditures-state-2018>> accessed October 3, 2019; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

**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

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**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: 2009 TO 2019**

Name	Residence	Age (yrs)	Net worth (million dollars)	Rank	Primary sources
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	Honolulu	50	9,600	1/ 48	Self made, launched Ebay on-line auction 1995, technology
2018 Omidyar, Pierre	Honolulu	51	11,600	38	Self made, launched Ebay on-line auction 1995, technology
2019 Omidyar, Pierre	Honolulu	52	13,001	36	eBay, PayPal

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

Source: *Forbes*, "The Forbes 400 Richest Americans, 2009" <<http://www.forbes.com/400richest/>> 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; for 2018 accessed January 25, 2019; and for 2019 <<http://www.forbes.com/wealth/forbes-400/list>> accessed January 23, 2020.

**Table 13.43-- HOUSEHOLD DEBT PER CAPITA FOR HAWAII AND THE UNITED STATES AVERAGE: 1999 TO 2019**

[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	71,170	3,650	3,860	54,680	3,530	1,103,340
2018	72,590	3,860	4,060	54,980	3,780	1,110,100
2019	74,230	3,920	4,290	56,160	3,780	1,120,800
U. S. average 4/						
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

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**Table 13.43-- HOUSEHOLD DEBT PER CAPITA FOR HAWAII AND THE UNITED STATES AVERAGE: 1999 TO 2019 -- Con.**

Year 1/	Total 2/	Auto loan	Credit card	Mortgage	Student loan	Population 3/
U. S. average - Con. 4/						
2010	47,410	2,950	3,050	35,010	3,370	240,969,936
2011	47,790	3,050	2,950	34,200	3,620	240,874,656
2012	47,020	3,270	2,850	33,230	4,000	240,765,728
2013	45,310	3,420	2,710	31,630	4,250	253,855,344
2014	45,710	3,720	2,730	31,520	4,490	257,980,096
2015	46,000	4,070	2,800	31,330	4,660	261,651,840
2016	46,950	4,340	2,930	31,590	4,920	266,229,200
2017	48,800	4,520	3,100	32,940	5,130	268,041,568
2018	50,090	4,700	3,220	33,680	5,390	269,495,872
2019	51,580	4,850	3,390	34,790	5,510	273,188,864

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/ 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. 2003-2019 (March 2020 unpublished correction) <[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 June 16, 2020.

**Table 13.44-- HOUSEHOLD DEBT DELINQUENCY PER CAPITA FOR HAWAII AND THE UNITED STATES AVERAGE: 1999 TO 2019**

[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	3.34	6.20	1.30	9.93
2018	3.71	6.24	1.09	9.15
2019	4.09	7.17	0.71	14.29
U. S. average 2/				
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	4.03	7.51	1.22	(NA)
2018	4.41	7.58	1.04	(NA)
2019	4.87	8.12	0.96	(NA)

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**Table 13.44-- HOUSEHOLD DEBT DELINQUENCY PER CAPITA FOR  
HAWAII AND THE UNITED STATES AVERAGE: 1999 TO 2019 -- Con.**

NA Not available.

1/ For the fourth quarter of the year indicated.

2/ 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. 2003-2019 (February 2020 unpublished correction) <[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 June 16, 2020.

**Table 13.45-- HOUSEHOLD DEBT PER CAPITA FOR EACH OF THE 50 STATES, THE DISTRICT OF COLUMBIA, PUERTO RICO, AND THE UNITED STATES AVERAGE: 2019**

[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)	51,580	4,850	3,390	34,790	5,510
Dist. of Columbia	1	88,450	3,090	4,420	64,700	13,420
<b>Hawaii</b>	<b>2</b>	<b>74,230</b>	<b>3,920</b>	<b>4,290</b>	<b>56,160</b>	<b>3,780</b>
Colorado	3	73,890	4,850	3,820	55,510	6,230
California	4	73,400	4,710	3,810	57,170	4,640
Maryland	5	72,310	5,430	4,120	52,070	6,910
Washington	6	67,440	4,470	3,660	51,220	4,330
Virginia	7	66,140	4,900	4,000	47,810	6,050
Massachusetts	8	65,500	3,990	3,760	47,770	6,180
Utah	9	62,090	5,370	3,170	45,900	4,290
Connecticut	10	59,840	3,760	4,020	42,340	6,160
Alaska	11	59,630	4,960	4,440	42,860	3,970
New Jersey	12	59,100	4,160	4,170	41,020	6,210
New Hampshire	13	56,640	5,560	3,630	37,480	5,890
Oregon	14	56,620	4,010	3,200	40,740	5,820
Minnesota	15	55,380	4,220	3,380	38,510	6,310
Delaware	16	55,290	5,040	3,520	37,830	6,070
Nevada	17	54,830	5,410	3,630	38,900	4,270
Arizona	18	54,290	5,350	3,460	37,620	5,260
New York	19	51,280	3,780	4,010	34,030	6,180
Rhode Island	20	51,170	3,970	3,540	34,680	5,640
Idaho	21	50,470	4,760	2,930	34,210	5,020
Georgia	22	49,720	5,640	3,470	30,240	7,440
Wyoming	23	47,670	5,390	3,130	32,950	3,690
Illinois	24	47,510	4,360	3,410	31,260	5,970
Florida	25	47,380	5,380	3,730	29,970	5,020
North Carolina	26	47,260	5,230	3,120	30,100	5,470
Montana	27	46,660	4,340	3,060	31,550	4,620
Vermont	28	46,490	5,250	3,130	29,130	5,880
North Dakota	29	45,550	5,530	3,200	28,490	5,500
South Carolina	30	45,420	5,000	3,020	28,030	6,050
Texas	31	45,290	6,880	3,470	27,450	5,100
Maine	32	43,740	4,670	2,960	27,200	5,440

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**Table 13.45-- HOUSEHOLD DEBT PER CAPITA FOR EACH OF THE 50 STATES, THE DISTRICT OF COLUMBIA, PUERTO RICO, AND THE UNITED STATES AVERAGE: 2019 -- Con.**

Year 1/	Rank 2/	Total 3/	Auto loan	Credit card	Mortgage	Student loan
Pennsylvania	33	43,440	4,310	3,260	26,090	6,420
South Dakota	34	43,050	4,610	2,970	26,690	5,150
Tennessee	35	42,500	4,780	2,760	26,510	5,190
Wisconsin	36	41,760	4,000	2,770	27,580	4,940
Nebraska	37	41,610	4,250	3,000	26,660	5,170
New Mexico	38	41,000	5,690	2,860	25,810	4,100
Iowa	39	40,740	4,630	2,650	25,660	5,330
Missouri	40	40,380	4,460	2,800	25,090	5,370
Michigan	41	40,160	3,980	2,860	24,760	5,910
Louisiana	42	39,740	5,950	2,690	22,550	5,580
Indiana	43	39,570	4,460	2,700	24,320	5,290
Ohio	44	39,450	4,590	2,890	22,860	6,320
Kansas	45	38,720	4,190	2,930	23,960	5,540
Alabama	46	38,000	5,150	2,550	21,880	5,120
Oklahoma	47	35,110	5,510	2,710	20,100	4,560
Kentucky	48	34,910	4,120	2,480	20,310	4,980
Arkansas	49	33,950	5,520	2,530	18,950	4,540
Mississippi	50	33,140	5,220	2,240	16,260	5,900
West Virginia	51	30,580	5,190	2,390	15,980	4,180
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 1999-2016" (May 2017) accessed June 13, 2017; and Ibid. 2003-2019 (February 2020 unpublished correction) <[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 June 16, 2020.