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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; and USDA, NASS, Hawaii Field Office, and Hawaii State Department of Business, Economic Development & Tourism. Sections 6 and 7 of *Historical Statistics of Hawaii* present data for earlier years. Comparable data for the country as a whole are given in the *Statistical Abstract of the United States: 2012*, Section 13.

**Table 13.01-- DIRECT INCOME FROM MAJOR EXPORT INDUSTRIES:  
1990 TO 2016**

[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

NA Not available.

1/ Excludes government sugar support payments.

2/ Fiscal year ending September 30.

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

Source: USDA, NASS, Hawaii Field Office, *Statistics of Hawaii Agriculture* (annual), records, and for 2008 to 2011 <[http://www.nass.usda.gov/Statistics\\_by\\_State/Hawaii/Publications/Annual\\_Statistical\\_Bulletin/index.asp](http://www.nass.usda.gov/Statistics_by_State/Hawaii/Publications/Annual_Statistical_Bulletin/index.asp)> accessed July 30, 2013; Hawaii State Department of Business, Economic Development & Tourism, *Annual Visitor Research Report* (annual) <<http://www.hawaiiourismauthority.org/>> accessed January 16, 2018 and records; Hawaii Tourism Authority, Tourism Research; and U.S. Census Bureau, *Consolidated Federal Funds Report* (annual) and for 1993-2010 <<http://www.census.gov/govs/cffr/>> accessed July 14, 2012 and records.

**Table 13.02-- GROSS DOMESTIC PRODUCT, TOTAL AND PER CAPITA  
AND RESIDENT POPULATION: 1963 TO 2017**

[The North American Industry Classification System (NAICS) 2007 is the basis for 1997 to 2017 estimates. Gross Domestic Product 2014 to 2016 and population and per capita estimates 2010 to 2016 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	(NA)	10,310	(NA)	915,749
1978	10,508	(NA)	11,313	(NA)	928,816
1979	11,869	(NA)	12,493	(NA)	950,050
1980	13,380	(NA)	13,826	(NA)	967,710
1981	14,640	(NA)	14,966	(NA)	978,195
1982	15,740	(NA)	15,839	(NA)	993,780
1983	17,260	(NA)	17,043	(NA)	1,012,717
1984	19,132	(NA)	18,612	(NA)	1,027,922
1985	20,722	(NA)	19,931	(NA)	1,039,698
1986	22,437	(NA)	21,333	(NA)	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	33,477	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	32,508	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 2017 -- Con.**

Year and category	Gross domestic product		Per capita gross domestic product		Resident population 2/
	Millions of current dollars	Millions of chained 2009 dollars 1/	Current dollars 2/	Chained 2009 dollars 1/	
NAICS 3/					
1997	37,655	53,108	31,078	43,832	1,211,640
1998	37,585	51,723	30,928	42,562	1,215,233
1999	39,224	52,524	32,408	43,398	1,210,300
2000	41,472	53,710	34,175	44,260	1,213,519
2001	43,089	53,669	35,147	43,778	1,225,948
2002	45,581	55,358	36,770	44,658	1,239,613
2003	49,136	58,100	39,273	46,437	1,251,154
2004	53,755	61,606	42,208	48,373	1,273,569
2005	58,573	64,824	45,310	50,145	1,292,729
2006	62,054	66,313	47,379	50,631	1,309,731
2007	65,210	67,421	49,564	51,245	1,315,675
2008	66,692	67,721	50,061	50,833	1,332,213
2009	65,382	65,382	48,549	48,549	1,346,717
2010	68,225	67,403	50,025	49,422	1,363,817
2011	70,017	67,971	50,799	49,314	1,378,323
2012	72,532	68,913	52,077	49,479	1,392,772
2013	74,630	69,676	53,003	49,484	1,408,038
2014	77,035	70,306	54,338	49,591	1,417,710
2015	81,900	72,816	57,420	51,052	1,426,320
2016	84,904	74,241	59,428	51,964	1,428,683
2017	88,136	75,473	61,740	52,869	1,427,538

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 2010-2017 reflect Census Bureau midyear population estimates available as of December 2017. These were used to calculate the current dollar per capita GDP.

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

Source: U.S. Bureau of Economic Analysis, Gross Domestic Product by State (May 4, 2018) <[http://www.bea.gov/iTable/index\\_regional.cfm](http://www.bea.gov/iTable/index_regional.cfm)> accessed August 1, 2017; Ibid. Annual State Personal Income and Employment, "SA1-3 Personal income summary, Population 1929-2017" (March 22, 2018) <[http://www.bea.gov/iTable/index\\_regional.cfm](http://www.bea.gov/iTable/index_regional.cfm)> accessed July 18, 2018; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

**Table 13.03-- GROSS DOMESTIC PRODUCT, HAWAII AND THE UNITED STATES: 1963 TO 2017**

[The North American Industry Classification System (NAICS) 2007 is the basis for 1997 to 2017 estimates. 2014 to 2016 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	2,571	(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	(NA)	60.618	1,986,408	(NA)	54.609
1978	10,508	(NA)	62.986	2,243,230	(NA)	57.526
1979	11,869	(NA)	66.170	2,489,416	(NA)	59.258
1980	13,380	(NA)	68.503	2,713,933	(NA)	59.254
1981	14,640	(NA)	68.231	3,057,318	(NA)	60.863
1982	15,740	(NA)	68.777	3,211,370	(NA)	60.081
1983	17,260	(NA)	71.502	3,445,372	(NA)	61.804
1984	19,132	(NA)	74.183	3,853,668	(NA)	66.212
1985	20,722	(NA)	76.728	4,126,664	(NA)	68.854
1986	22,437	(NA)	79.329	4,340,813	(NA)	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	36,129	40,834	104.532	6,167,644	6,828,525	82.426
1993	36,732	40,152	102.786	6,467,698	6,967,716	84.106
1994	37,395	40,062	102.554	6,912,844	7,288,327	87.976
1995	37,763	39,552	101.249	7,299,372	7,539,096	91.003
1996	38,125	39,132	100.175	7,749,965	7,871,721	95.018
1997	39,064	39,064	100.000	8,284,432	8,284,432	100.000

Continued on next page.

**Table 13.03-- GROSS DOMESTIC PRODUCT, HAWAII AND UNITED STATES:  
1963 TO 2017 -- Con.**

Year and category	Hawaii			United States		
	Millions of dollars		Chained quantity index 1/ (2009=100)	Millions of dollars		Chained quantity index 1/ (2009=100)
	Current	Real 1/ (chained 2009 dollars)		Current	Real 1/ (chained 2009 dollars)	
NAICS 2/						
1997	37,655	53,108	81.228	8,542,530	11,118,778	77.644
1998	37,585	51,723	79.110	9,024,434	11,598,235	80.993
1999	39,224	52,524	80.335	9,595,951	12,141,843	84.789
2000	41,472	53,710	82.149	10,219,801	12,616,533	88.104
2001	43,089	53,669	82.086	10,556,006	12,735,110	88.932
2002	45,581	55,358	84.669	10,910,833	12,962,807	90.522
2003	49,136	58,100	88.863	11,440,109	13,295,941	92.848
2004	53,755	61,606	94.226	12,200,160	13,764,653	96.121
2005	58,573	64,824	99.146	13,015,161	14,203,241	99.184
2006	62,054	66,313	101.425	13,773,226	14,584,888	101.849
2007	65,210	67,421	103.120	14,391,149	14,798,367	103.340
2008	66,692	67,721	103.578	14,626,598	14,718,301	102.781
2009	65,382	65,382	100.000	14,320,114	14,320,114	100.000
2010	68,225	67,403	103.092	14,859,772	14,628,165	102.151
2011	70,017	67,971	103.960	15,406,002	14,833,679	103.586
2012	72,532	68,913	105.402	16,041,243	15,126,281	105.630
2013	74,630	69,676	106.568	16,576,738	15,348,034	107.178
2014	77,035	70,306	107.532	17,312,308	15,717,469	109.758
2015	81,900	72,816	111.370	18,007,206	16,148,486	112.768
2016	84,904	74,241	113.550	18,509,998	16,383,812	114.411
2017	88,136	75,473	115.434	19,263,350	16,721,499	116.769

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 2017.

Source: U.S. Bureau of Economic Analysis, Gross Domestic Product by State (May 4, 2018)  
<[http://www.bea.gov/iTable/index\\_regional.cfm](http://www.bea.gov/iTable/index_regional.cfm)> accessed July 17, 2018.



**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 2010 to 2016 estimates on May 4, 2018 but the current dollar estimates shown here were not affected. Formerly called 'Gross State Product']

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

1/ Less than \$500,000.

Source: U.S. Bureau of Economic Analysis, Gross Domestic Product By SIC Industry 1963 to 1997 (November 10, 2010)

<<http://www.bea.gov/iTable/iTable.cfm?ReqID=70&step=1>> accessed November 24, 2010.

**Table 13.05-- GROSS DOMESTIC PRODUCT, BY NAICS INDUSTRY: 1997 TO 2017**

[In millions of current dollars. GDP estimates for 1997 to 2017 are on the 2007 North American Industry Classification System (NAICS) basis. 2014 to 2016 are revised from previous *Data Book*. See previous table for 1977 to 1997 on an SIC basis]

Industry	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Total, all industries	37,655	37,585	39,224	41,472	43,089	45,581	49,136	53,755	58,573	62,054	65,210
Private industries	29,877	29,587	30,783	32,851	34,152	35,880	38,638	42,440	46,529	49,272	51,801
Agri., forestry, fish., & hunt	337	332	358	355	352	377	416	418	422	444	408
Mining	35	35	39	41	38	34	38	40	42	64	94
Utilities	863	795	867	920	908	841	923	1,042	1,066	1,263	1,297
Construction	1,680	1,655	1,686	1,956	2,075	2,267	2,632	3,037	3,849	4,216	4,733
Manufacturing	757	727	801	828	925	977	1,109	1,101	1,158	1,199	1,222
Wholesale trade	1,444	1,462	1,477	1,541	1,593	1,632	1,746	1,848	1,959	2,004	2,112
Retail trade	3,287	3,155	3,169	3,344	3,452	3,518	3,885	4,137	4,484	4,618	4,624
Trans. & warehousing	2,114	1,982	1,960	1,934	1,802	1,774	1,939	2,250	2,609	2,871	2,858
Information	1,231	1,121	1,128	1,139	1,171	1,255	1,240	1,503	1,558	1,712	1,931
Finance and insurance	1,231	1,227	1,303	1,476	1,607	1,881	1,957	2,117	2,241	2,243	2,301
Real estate, rental, & leasing	6,471	6,488	6,913	7,235	7,603	7,772	8,285	9,373	10,768	11,373	12,287
Prof., scientific & tech. serv.	1,633	1,445	1,496	1,617	1,876	2,097	2,196	2,272	2,461	2,657	2,810
Mgt of companies & enterprises	395	426	412	427	501	593	634	834	761	772	801
Administrative & waste services	1,002	989	1,057	1,176	1,324	1,450	1,631	1,688	1,724	1,874	1,867
Educational services	382	373	382	412	423	435	487	534	556	592	627
Health care & social assistance	2,330	2,222	2,297	2,441	2,654	2,798	2,990	3,176	3,398	3,533	3,718
Arts, entertainment, & recreation	458	460	475	508	492	518	547	555	560	570	647
Accommodation & food services	3,113	3,520	3,756	4,206	4,088	4,303	4,636	5,116	5,418	5,671	5,857
Accommodation	2,110	2,490	2,645	3,000	2,852	2,979	3,174	3,493	3,692	3,859	4,003
Food serv. & drinking places	1,003	1,029	1,111	1,206	1,236	1,324	1,462	1,623	1,727	1,812	1,854
Other services, exc. gov't	1,113	1,173	1,208	1,294	1,268	1,357	1,348	1,399	1,495	1,597	1,608
Government	7,778	7,998	8,441	8,621	8,938	9,701	10,498	11,315	12,044	12,781	13,409
Federal civilian	1,909	2,021	2,087	2,245	2,294	2,513	2,716	2,807	2,934	3,054	3,190
Federal military	2,264	2,281	2,298	2,390	2,589	2,861	3,200	3,535	3,883	4,198	4,484
State & local	3,605	3,696	4,056	3,987	4,054	4,327	4,582	4,973	5,227	5,529	5,735

Continued on next page.

**Table 13.05-- GROSS DOMESTIC PRODUCT, BY NAICS INDUSTRY: 1997 TO 2017 -- Con.**

Industry	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Total, all industries	66,692	65,382	68,225	70,017	72,532	74,630	77,035	81,900	84,904	88,136
Private industries	52,462	50,685	52,902	54,023	56,180	58,342	60,107	64,570	67,402	70,374
Agri., forestry, fish., & hunt	399	386	411	444	425	422	419	414	402	388
Mining	98	110	90	75	84	77	76	83	92	74
Utilities	1,436	1,400	1,630	1,852	1,517	1,562	1,582	1,474	1,456	1,491
Construction	4,660	4,261	3,812	3,707	3,839	3,925	4,214	4,970	5,694	5,639
Manufacturing	1,374	1,334	1,286	1,288	1,396	1,487	1,745	1,759	1,854	1,865
Wholesale trade	2,177	2,042	2,094	2,182	2,277	2,377	2,455	2,614	2,606	2,722
Retail trade	4,486	4,383	4,562	4,895	5,151	5,303	5,395	5,659	5,733	5,969
Trans. & warehousing	2,620	2,525	2,839	2,865	3,051	3,326	3,471	3,865	4,055	4,425
Information	1,876	1,921	2,407	1,751	1,648	1,829	1,733	1,928	1,914	1,916
Finance and insurance	2,208	2,065	2,072	2,239	2,352	2,245	2,710	2,922	2,961	3,020
Real estate, rental, & leasing	12,754	12,652	13,508	13,585	14,208	14,519	14,539	15,976	16,878	17,952
Prof., scientific & tech. serv.	3,047	2,925	2,884	3,021	3,061	3,088	3,160	3,273	3,336	3,421
Mgt of companies & enterprises	783	729	765	811	902	1,005	1,015	1,056	1,104	1,118
Administrative & waste services	1,961	1,910	2,215	2,345	2,472	2,628	2,754	2,856	2,925	2,971
Educational services	683	734	748	758	794	782	775	774	782	813
Health care & social assistance	4,039	4,233	4,306	4,463	4,588	4,778	4,886	5,191	5,399	5,748
Arts, entertainment, & recreation	705	707	658	642	702	813	855	822	816	892
Accommodation & food services	5,541	4,816	5,029	5,468	6,028	6,454	6,511	7,035	7,409	7,864
Accommodation	3,716	2,967	3,142	3,504	3,948	4,226	4,133	4,457	4,647	(NA)
Food serv. & drinking places	1,825	1,848	1,886	1,964	2,081	2,227	2,378	2,577	2,762	(NA)
Other services, exc. gov't	1,616	1,553	1,586	1,633	1,684	1,724	1,812	1,898	1,987	2,086
Government	14,230	14,697	15,323	15,994	16,352	16,288	16,928	17,330	17,502	17,762
Federal civilian	3,290	3,494	3,816	4,055	4,163	4,012	4,114	4,238	4,350	(NA)
Federal military	4,848	5,004	5,211	5,368	5,445	5,314	5,329	5,472	5,265	(NA)
State & local	6,092	6,198	6,296	6,571	6,744	6,962	7,485	7,619	7,887	(NA)

NA Not available.

Source: U.S. Bureau of Economic Analysis, Gross Domestic Product By State 1963 to 2017 (May 4, 2018)

<<https://www.bea.gov/itable/iTable.cfm?ReqID=70&step=1>> accessed July 18, 2018.

**Table 13.06-- GROSS DOMESTIC PRODUCT, BY NAICS INDUSTRY, IN CONSTANT DOLLARS: 1997 TO 2017**

[In millions of chained 2009 dollars. GDP estimates for 1997 to 2016 are on the 2007 North American Industry Classification System (NAICS) basis. 2014 to 2016 are revised from previous *Data Book*. See previous table for 1977 to 1997 on an SIC basis]

Industry	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Total, all industries	53,108	51,723	52,524	53,710	53,669	55,358	58,100	61,606	64,824	66,313	67,421
Private industries	40,849	39,488	40,098	41,442	41,415	42,668	45,077	48,181	51,188	52,425	53,430
Agri., forestry, fishing, & hunting	280	290	357	386	353	412	407	351	417	460	323
Mining	81	88	101	106	99	83	89	78	66	86	116
Utilities	1,338	1,235	1,435	1,552	1,272	1,227	1,258	1,374	1,327	1,451	1,475
Construction	3,386	3,113	2,987	3,252	3,211	3,350	3,717	3,982	4,547	4,549	4,800
Manufacturing	1,013	967	1,025	1,019	1,111	1,225	1,325	1,266	1,178	1,163	1,162
Wholesale trade	1,689	1,738	1,760	1,826	1,944	2,002	2,163	2,221	2,295	2,268	2,341
Retail trade	3,754	3,648	3,638	3,763	3,893	3,979	4,420	4,615	4,887	4,890	4,764
Trans. & warehousing	2,924	2,601	2,444	2,208	1,794	1,697	1,849	2,234	2,665	2,915	2,952
Information	1,115	1,016	1,026	1,048	1,079	1,159	1,145	1,400	1,489	1,667	1,908
Finance and insurance	1,279	1,280	1,393	1,551	1,689	1,939	1,952	2,055	2,134	2,108	2,140
Real estate, rental, & leasing	8,748	8,550	8,850	8,968	9,107	8,986	9,363	10,375	11,666	11,994	12,697
Prof., scientific & tech. services	2,328	1,984	1,970	2,038	2,298	2,528	2,583	2,598	2,707	2,823	2,879
Mgt of companies & enterprises	779	780	710	673	806	936	975	1,106	958	902	838
Administrative & waste services	1,296	1,232	1,277	1,371	1,499	1,617	1,828	1,836	1,862	1,973	1,906
Educational services	633	587	573	597	594	578	626	657	658	668	676
Health care & social assistance	3,382	3,127	3,140	3,230	3,347	3,424	3,552	3,671	3,816	3,880	3,923
Arts, entertainment, & recreation	658	640	630	646	606	622	639	636	626	617	675
Accommodation & food services	4,591	4,971	5,083	5,530	5,122	5,271	5,653	6,121	6,160	6,207	6,118
Accommodation	3,008	3,400	3,450	3,799	3,429	3,542	3,771	4,075	4,058	4,076	4,020
Food serv. & drinking places	1,571	1,544	1,609	1,700	1,675	1,708	1,862	2,025	2,086	2,114	2,082
Other services, exc. gov't	1,818	1,848	1,827	1,866	1,729	1,771	1,711	1,722	1,768	1,815	1,756
Government	12,326	12,347	12,539	12,324	12,309	12,752	13,064	13,446	13,638	13,889	13,991
Federal civilian	2,939	3,046	3,034	3,122	3,118	3,223	3,312	3,262	3,268	3,300	3,324
Federal military	3,648	3,607	3,514	3,534	3,704	3,851	3,951	4,199	4,315	4,445	4,554
State & local	5,745	5,696	5,990	5,667	5,494	5,687	5,809	5,997	6,067	6,154	6,119

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**Table 13.06-- GROSS DOMESTIC PRODUCT, BY NAICS INDUSTRY, IN CONSTANT DOLLARS:  
1997 TO 2017 -- Con.**

Industry	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Total, all industries	67,721	65,382	67,403	67,971	68,913	69,676	70,306	72,816	74,241	75,473
Private industries	53,300	50,685	52,518	52,719	53,529	54,581	54,966	57,474	58,942	60,299
Agri., forestry, fishing, & hunting	310	386	358	298	278	271	288	338	376	337
Mining	107	110	82	62	70	68	69	83	90	68
Utilities	1,630	1,400	1,675	1,891	1,597	1,593	1,500	1,367	1,394	1,413
Construction	4,726	4,261	3,882	3,720	3,744	3,698	3,722	4,214	4,657	4,454
Manufacturing	1,311	1,334	1,185	1,038	1,066	1,175	1,366	1,420	1,643	1,556
Wholesale trade	2,339	2,042	2,046	2,083	2,108	2,182	2,236	2,353	2,340	2,402
Retail trade	4,540	4,383	4,527	4,762	4,880	4,980	5,022	5,178	5,270	5,476
Trans. & warehousing	2,648	2,525	2,739	2,706	2,737	2,899	2,898	2,943	3,030	3,270
Information	1,876	1,921	2,418	1,765	1,659	1,826	1,734	1,963	1,962	1,983
Finance and insurance	2,064	2,065	2,003	2,122	2,142	1,982	2,298	2,403	2,304	2,310
Real estate, rental, & leasing	12,976	12,652	13,588	13,550	13,895	13,935	13,692	14,654	15,073	15,562
Prof., scientific & tech. services	3,082	2,925	2,848	2,940	2,928	2,904	2,945	2,978	3,016	3,054
Mgt of companies & enterprises	808	729	759	801	885	979	1,016	1,037	1,089	1,113
Administrative & waste services	1,979	1,910	2,232	2,356	2,457	2,572	2,643	2,654	2,642	2,643
Educational services	711	734	729	718	727	691	667	644	629	638
Health care & social assistance	4,182	4,233	4,211	4,307	4,355	4,489	4,541	4,753	4,830	5,059
Arts, entertainment, & recreation	724	707	662	646	685	781	804	742	711	770
Accommodation & food services	5,625	4,816	5,051	5,459	5,805	6,057	5,914	6,126	6,214	6,469
Accommodation	3,643	2,967	3,171	3,485	3,800	3,977	3,740	3,891	3,931	(NA)
Food serv. & drinking places	1,974	1,848	1,881	1,974	2,004	2,080	2,174	2,235	2,283	(NA)
Other services, exc. gov't	1,697	1,553	1,545	1,555	1,562	1,551	1,589	1,606	1,632	1,675
Government	14,421	14,697	14,888	15,250	15,383	15,098	15,343	15,349	15,307	15,181
Federal civilian	3,352	3,494	3,678	3,816	3,909	3,691	3,695	3,726	3,766	(NA)
Federal military	4,798	5,004	5,077	5,148	5,139	5,023	4,966	5,017	4,799	(NA)
State & local	6,273	6,198	6,133	6,284	6,333	6,382	6,673	6,601	6,725	(NA)

NA Not available.

Source: U.S. Bureau of Economic Analysis, Gross Domestic Product By State 1997 to 2017 (May 4, 2018)

<<https://www.bea.gov/itable/iTable.cfm?ReqID=70&step=1>> accessed July 22, 2018.

**Table 13.07-- TOTAL AND PER CAPITA PERSONAL INCOME  
FOR HAWAII AND THE UNITED STATES: 1969 TO 2016**

[Hawaii and the U.S. personal income, per capita personal income and Hawaii as percent of U.S. average for 2014 to 2016 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	3,647	791,150	743,000	201,298,000	4,908	3,930	124.9
1970	4,229	855,078	762,920	203,798,722	5,544	4,196	132.1
1971	4,589	923,964	791,580	206,817,509	5,798	4,468	129.8
1972	5,054	1,015,526	818,104	209,274,882	6,177	4,853	127.3
1973	5,594	1,131,213	841,851	211,349,205	6,645	5,352	124.2
1974	6,365	1,242,433	858,121	213,333,635	7,418	5,824	127.4
1975	6,936	1,359,998	875,052	215,456,585	7,926	6,312	125.6
1976	7,463	1,491,506	892,335	217,553,859	8,364	6,856	122.0
1977	8,075	1,646,968	915,749	219,760,875	8,818	7,494	117.7
1978	8,963	1,851,867	928,816	222,098,244	9,650	8,338	115.7
1979	10,051	2,068,806	950,050	224,568,579	10,579	9,212	114.8
1980	11,461	2,307,005	967,710	227,224,719	11,843	10,153	116.6
1981	12,391	2,584,340	978,195	229,465,744	12,667	11,262	112.5
1982	13,077	2,767,657	993,780	231,664,432	13,159	11,947	110.1
1983	14,420	2,957,901	1,012,717	233,792,014	14,239	12,652	112.5
1984	15,454	3,268,535	1,027,922	235,824,907	15,034	13,860	108.5
1985	16,453	3,501,927	1,039,698	237,923,734	15,825	14,719	107.5
1986	17,468	3,712,243	1,051,762	240,132,831	16,608	15,459	107.4
1987	18,623	3,940,859	1,067,917	242,288,936	17,439	16,265	107.2
1988	20,461	4,260,753	1,079,827	244,499,004	18,949	17,426	108.7
1989	22,865	4,603,969	1,094,588	246,819,222	20,890	18,653	112.0
1990	24,931	4,890,453	1,113,491	249,622,814	22,390	19,591	114.3
1991	26,366	5,055,766	1,136,754	252,980,941	23,194	19,985	116.1
1992	28,425	5,402,109	1,158,613	256,514,224	24,533	21,060	116.5
1993	29,472	5,639,780	1,172,838	259,918,588	25,129	21,698	115.8
1994	30,121	5,930,316	1,187,536	263,125,821	25,365	22,538	112.5
1995	30,777	6,275,761	1,196,854	266,278,393	25,715	23,568	109.1
1996	30,786	6,661,697	1,203,755	269,394,284	25,575	24,728	103.4
1997	31,792	7,075,132	1,211,640	272,646,925	26,239	25,950	101.1
1998	32,451	7,588,703	1,215,233	275,854,104	26,703	27,510	97.1
1999	33,645	7,988,183	1,210,300	279,040,168	27,799	28,627	97.1
2000	35,681	8,634,847	1,213,519	282,162,411	29,403	30,602	96.1

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**Table 13.07-- TOTAL AND PER CAPITA PERSONAL INCOME  
FOR HAWAII AND THE UNITED STATES: 1969 TO 2016 -- 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	37,214	8,987,890	1,225,948	284,968,955	30,356	31,540	96.2
2002	38,922	9,150,761	1,239,613	287,625,193	31,399	31,815	98.7
2003	40,764	9,484,225	1,251,154	290,107,933	32,581	32,692	99.7
2004	43,952	10,047,876	1,273,569	292,805,298	34,511	34,316	100.6
2005	47,221	10,610,320	1,292,729	295,516,599	36,528	35,904	101.7
2006	50,618	11,381,350	1,309,731	298,379,912	38,648	38,144	101.3
2007	53,207	11,995,419	1,315,675	301,231,207	40,441	39,821	101.6
2008	56,050	12,492,705	1,332,213	304,093,966	42,073	41,082	102.4
2009	55,853	12,079,444	1,346,717	306,771,529	41,473	39,376	105.3
2010	56,909	12,459,613	1,363,945	309,348,193	41,724	40,277	103.6
2011	59,072	13,233,436	1,377,864	311,663,358	42,872	42,461	101.0
2012	61,836	13,904,485	1,391,820	313,998,379	44,428	44,282	100.3
2013	62,784	14,068,960	1,406,481	316,204,908	44,639	44,493	100.3
2014	66,122	14,811,388	1,416,349	318,563,456	46,685	46,494	100.4
2015	69,638	15,547,661	1,425,157	320,896,618	48,863	48,451	100.9
2016	71,946	15,912,777	1,428,557	323,127,513	50,363	49,246	102.3

1/ U.S. Census Bureau midyear population estimate. 2010-2016 use state population estimates available as of December 2016.

2/ Per capita personal income is total personal income divided by July 1 population.

Source: U.S. Bureau of Economic Analysis, State Personal Income Summary SA1-3 (September 26, 2017) <<http://www.bea.gov/iTable/iTable.cfm?ReqID=70&step=1>> accessed September 26, 2017; 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 2016**

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	3,164	687,346	743,000	201,298,000	4,258	3,415	124.7
1970	3,692	752,652	762,920	203,798,722	4,839	3,693	131.0
1971	4,066	822,788	791,580	206,817,509	5,137	3,978	129.1
1972	4,425	892,439	818,104	209,274,882	5,408	4,264	126.8
1973	4,908	999,316	841,851	211,349,205	5,830	4,728	123.3
1974	5,604	1,091,918	858,121	213,333,635	6,530	5,118	127.6
1975	6,239	1,212,852	875,052	215,456,585	7,130	5,629	126.7
1976	6,659	1,319,290	892,335	217,553,859	7,462	6,064	123.1
1977	7,170	1,449,604	915,749	219,760,875	7,830	6,596	118.7
1978	7,906	1,622,771	928,816	222,098,244	8,511	7,307	116.5
1979	8,825	1,800,550	950,050	224,568,579	9,289	8,018	115.9
1980	10,069	2,008,241	967,710	227,224,719	10,405	8,838	117.7
1981	10,887	2,239,459	978,195	229,465,744	11,130	9,759	114.0
1982	11,697	2,413,886	993,780	231,664,432	11,770	10,420	113.0
1983	12,901	2,605,942	1,012,717	233,792,014	12,739	11,146	114.3
1984	13,848	2,891,562	1,027,922	235,824,907	13,472	12,261	109.9
1985	14,686	3,085,159	1,039,698	237,923,734	14,125	12,967	108.9
1986	15,563	3,275,508	1,051,762	240,132,831	14,797	13,640	108.5
1987	16,366	3,452,458	1,067,917	242,288,936	15,325	14,249	107.6
1988	17,960	3,755,973	1,079,827	244,499,004	16,632	15,362	108.3
1989	19,869	4,037,481	1,094,588	246,819,222	18,152	16,358	111.0
1990	21,676	4,297,144	1,113,491	249,622,814	19,467	17,215	113.1
1991	22,804	4,468,300	1,136,754	252,980,941	20,061	17,663	113.6
1992	25,096	4,790,365	1,158,613	256,514,224	21,661	18,675	116.0
1993	26,063	4,991,984	1,172,838	259,918,588	22,222	19,206	115.7
1994	26,660	5,238,115	1,187,536	263,125,821	22,450	19,907	112.8
1995	27,394	5,528,191	1,196,854	266,278,393	22,889	20,761	110.2
1996	27,233	5,825,497	1,203,755	269,394,284	22,624	21,624	104.6
1997	28,113	6,144,250	1,211,640	272,646,925	23,202	22,536	103.0
1998	28,586	6,557,273	1,215,233	275,854,104	23,523	23,771	99.0
1999	29,610	6,877,094	1,210,300	279,040,168	24,465	24,646	99.3
2000	31,334	7,399,368	1,213,519	282,162,411	25,821	26,224	98.5

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**Table 13.08-- TOTAL AND PER CAPITA DISPOSABLE PERSONAL INCOME  
FOR HAWAII AND THE UNITED STATES: 1969 TO 2016 -- 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	32,744	7,749,676	1,225,948	284,968,955	26,709	27,195	98.2
2002	34,860	8,097,069	1,239,613	287,625,193	28,122	28,151	99.9
2003	36,749	8,479,891	1,251,154	290,107,933	29,372	29,230	100.5
2004	39,622	8,998,339	1,273,569	292,805,298	31,111	30,731	101.2
2005	42,091	9,398,310	1,292,729	295,516,599	32,560	31,803	102.4
2006	45,035	10,025,593	1,309,731	298,379,912	34,385	33,600	102.3
2007	47,288	10,503,618	1,315,675	301,231,207	35,942	34,869	103.1
2008	50,118	10,986,281	1,332,213	304,093,966	37,620	36,128	104.1
2009	51,071	10,928,315	1,346,717	306,771,529	37,923	35,624	106.5
2010	52,129	11,221,631	1,363,945	309,348,193	38,219	36,275	105.4
2011	53,629	11,781,805	1,377,864	311,663,358	38,922	37,803	103.0
2012	56,144	12,394,567	1,391,820	313,998,379	40,339	39,473	102.2
2013	56,391	12,392,741	1,406,481	316,204,908	40,094	39,192	102.3
2014 3/	59,342	13,027,448	1,416,349	318,563,456	41,898	40,894	102.5
2015 3/	62,050	13,611,440	1,425,157	320,896,618	43,539	42,417	102.6
2016 3/	64,180	13,954,415	1,428,557	323,127,513	44,927	43,185	104.0

1/ U.S. Census Bureau midyear population estimate. 2010-2016 use state population estimates available as of December 2016.

2/ Per capita personal income is total personal income divided by July 1 population.

3/ Hawaii and the United States disposable total and per capita personal income, and as percent of U.S. average revised from previous *Data Book*.

Source: U.S. Bureau of Economic Analysis, State Disposable Personal Income Summary SA51 (September 26, 2017) <<http://www.bea.gov/iTable/iTable.cfm?ReqID=70&step=1>> accessed November 20, 2017; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

**Table 13.09-- PERSONAL INCOME BY MAJOR SOURCE, BY SIC INDUSTRY:  
1997 TO 2001**

[In thousands of dollars. Industries are grouped according to the 1987 Standard Industrial Classification (SIC) Code]

Item	1997	1998	1999	2000	2001
Personal income	31,791,726	32,450,676	33,645,376	35,680,722	37,214,473
Earnings by place of work	23,777,542	24,160,389	25,118,695	26,703,608	28,109,846
Wages & salaries	17,215,868	17,621,036	18,185,436	19,173,030	19,831,092
Suppl. to wages and salaries 1/	4,061,078	4,120,310	4,238,715	4,500,782	4,803,998
Proprietors' income 2/	2,500,596	2,419,043	2,694,544	3,029,796	3,474,756
Farm proprietors' income	36,106	38,283	43,843	40,387	39,138
Nonfarm proprietors' income	2,464,490	2,380,760	2,650,701	2,989,409	3,435,618
Dividends, interest, and rent 3/	6,950,510	7,195,366	7,344,607	7,736,148	7,702,304
Personal current transf. receipts 4/	3,693,737	3,766,251	3,922,182	4,130,169	4,450,134
Less: Contrib. for gov't social ins. 5/	2,630,063	2,671,330	2,740,108	2,889,203	3,047,811
Earnings by industry	23,777,542	24,160,389	25,118,695	26,703,608	28,109,846
Farm earnings	204,858	218,855	246,231	241,591	236,703
Nonfarm earnings	23,572,684	23,941,534	24,872,464	26,462,017	27,873,143
Private nonfarm earnings	16,908,425	17,116,407	17,704,680	19,073,275	20,129,190
Agri. serv., forestry, & fishing	142,547	131,801	138,684	144,735	154,783
Mining	23,275	24,050	24,027	25,523	26,544
Construction	1,462,056	1,402,429	1,429,919	1,642,515	1,745,030
Manufacturing	769,000	747,592	766,033	800,367	851,721
Durable goods	174,055	174,362	180,700	212,767	249,027
Nondurable goods	594,945	573,230	585,333	587,600	602,694
Transp. & public util.	1,888,331	1,882,793	1,963,374	2,068,721	2,163,844
Wholesale trade	913,958	937,651	933,019	997,957	1,035,166
Retail trade	2,911,724	2,899,652	3,070,428	3,082,857	3,137,868
Finance, insur., & real estate	1,937,861	1,977,406	2,044,969	2,262,720	2,278,510
Services 1/	6,859,673	7,113,033	7,334,227	8,047,880	8,735,724
Hotels & other lodging places	1,334,826	1,352,589	1,403,557	1,531,269	(NA)
Business services	843,124	905,166	1,014,944	1,213,625	(NA)
Health services	1,858,172	1,930,697	1,953,131	2,071,453	(NA)
Other	2,823,551	2,924,581	2,962,595	3,231,533	(NA)
Gov't & gov't enterprises	6,664,259	6,825,127	7,167,784	7,388,742	7,743,953
Federal	3,568,735	3,657,010	3,713,173	3,933,646	4,149,281
Federal, civilian	1,573,065	1,666,832	1,710,658	1,852,452	1,882,754
Military	1,995,670	1,990,178	2,002,515	2,081,194	2,266,527
State & local gov't	3,095,524	3,168,117	3,454,611	3,455,096	3,594,672
State	2,323,403	2,384,735	2,619,973	2,625,779	2,728,706
Local	772,121	783,382	834,638	829,317	865,966

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**Table 13.09-- PERSONAL INCOME BY MAJOR SOURCE, BY SIC INDUSTRY:  
1997 TO 2001 -- Con.**

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 28, 2016)

<<http://www.bea.gov/iTable/iTable.cfm?reqid=70&step=1>> accessed July 22, 2018; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

**Table 13.10-- PERSONAL INCOME BY MAJOR SOURCE, BY NAICS  
INDUSTRY: 2014 TO 2016**

[In thousands of dollars. Industries are grouped according to the 2012 North American Industry Classification System (NAICS) Code. Estimates for this series from 2014 and 2015 were revised by BEA on September 27, 2017]

Item	2014	2015	2016
Personal income	66,122,066	69,637,831	71,946,077
Earnings by place of work	47,220,028	49,516,517	51,239,211
Less: Contrib. for gov't social ins. 1/ Employee and self-employed	5,447,839	5,687,612	5,854,468
Employer	2,735,998	2,888,349	3,036,184
Net earnings by place of residence	2,711,841	2,799,263	2,818,284
Dividends, interest, and rent 2/	41,772,189	43,828,905	45,384,743
Personal current transfer receipts	13,810,126	14,892,094	15,250,396
Wages and salaries	10,539,751	10,916,832	11,310,938
Supp. to wages & sal.- emp'er contrib.	32,848,050	34,618,520	35,883,907
For employee pension & ins. funds 3/	9,754,193	10,052,761	10,209,444
For government social insurance	7,042,352	7,253,498	7,391,160
Proprietors' income 4/	2,711,841	2,799,263	2,818,284
Farm proprietors' income	4,617,785	4,845,236	5,145,860
Nonfarm proprietors' income	-8,674	-32,613	-31,102
Farm earnings	4,626,459	4,877,849	5,176,962
Nonfarm earnings	277,917	236,383	259,229
Private earnings	46,942,111	49,280,134	50,979,982
Forestry, fishing, rel. activ., & other	32,116,968	34,055,699	35,580,461
Mining	72,504	82,032	87,481
Utilities	36,066	42,693	38,587
Construction	524,691	548,968	557,064
Manufacturing	3,360,115	3,883,228	4,445,981
Wholesale trade	876,832	888,357	925,702
Retail trade	1,285,326	1,352,234	1,361,748
Transportation and warehousing	2,947,566	3,058,000	3,090,989
Information	1,804,153	1,941,128	2,073,885
Finance and insurance	716,530	744,930	712,885
Real estate and rental and leasing	1,346,965	1,430,265	1,493,058
Prof., scientific, & tech. services	1,371,546	1,529,436	1,624,621
Mgt of companies & enterprises	2,676,281	2,789,918	2,826,135
Admin. & waste mgt. services	865,313	901,623	939,898
Educational services	2,220,043	2,305,284	2,341,980
Health care and social assistance	749,404	751,563	774,833
Arts, entertainment, and recreation	4,573,645	4,858,647	5,048,667
Accommodation & food services	585,307	552,645	571,827
Other services, except public admin.	4,207,326	4,411,797	4,607,617
	1,897,355	1,982,951	2,057,503

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**Table 13.10-- PERSONAL INCOME BY MAJOR SOURCE, BY NAICS  
INDUSTRY: 2014 TO 2016 -- Con.**

Item	2014	2015	2016
Gov't and gov't enterprises	14,825,143	15,224,435	15,399,521
Federal	8,307,669	8,558,468	8,477,934
Civilian	3,440,697	3,556,181	3,656,810
Military	4,866,972	5,002,287	4,821,124
State and local	6,517,474	6,665,967	6,921,587
State	4,923,057	5,015,865	5,189,363
Local	1,594,417	1,650,102	1,732,224

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, "SA5N Personal Income by Major Component and Earnings by NAICS Industry" (September 27, 2017) <<http://www.bea.gov/iTable/iTable.cfm?reqid=70&step=1>> accessed January 11, 2018; 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 2016**

[ 'Real per capita personal income' 2010 to 2015 and 'Real personal income' 2014 and 2015 revised from previous *Data Book* ]

State	2008	2009	2010	2011	2012	2013	2014	2015	2016
Real personal income (millions of chained 2009 dollars) 1/									
Alabama	180,368	178,308	180,807	182,895	183,174	183,434	188,240	195,763	197,772
Alaska	30,808	30,715	32,446	34,018	34,479	33,664	34,725	36,124	35,468
Arizona	223,444	214,462	215,069	221,990	229,537	233,896	244,481	257,734	264,358
Arkansas	106,500	105,206	104,506	109,056	114,739	112,978	118,977	121,901	123,627
California	1,432,810	1,386,939	1,403,321	1,466,443	1,537,441	1,534,002	1,602,792	1,718,306	1,751,126
Colorado	208,185	196,513	196,896	208,668	218,418	225,147	240,419	252,022	253,310
Connecticut	196,626	195,615	200,398	202,362	202,008	198,034	201,905	206,214	206,485
Delaware	36,330	35,805	35,447	37,510	37,260	37,560	38,263	40,630	41,178
Dist. of Col.	31,228	30,618	31,216	33,348	33,934	34,393	35,814	38,756	40,488
Florida	730,269	693,403	724,594	749,904	755,531	750,122	790,614	846,245	859,781
Georgia	359,512	356,227	359,492	376,584	374,305	374,477	393,523	413,543	427,053
<b>Hawaii</b>	47,549	47,855	47,863	48,627	49,562	49,451	51,257	53,605	55,024
Idaho	53,354	51,713	52,546	54,397	55,976	57,545	59,539	62,918	64,643
Illinois	553,026	521,386	523,206	535,097	551,082	561,180	581,168	601,894	607,156
Indiana	248,072	241,666	245,668	254,737	262,143	262,390	269,565	279,421	286,456
Iowa	132,341	127,646	127,883	133,899	137,124	137,329	139,885	144,611	144,740
Kansas	129,733	124,292	122,890	129,523	134,654	135,444	136,341	137,975	137,307
Kentucky	159,437	157,712	159,810	163,720	165,766	163,454	169,747	176,019	178,160
Louisiana	185,297	178,920	182,877	184,545	190,276	189,582	197,075	202,333	198,399
Maine	50,350	50,243	50,734	51,119	50,733	49,882	51,252	52,808	53,968
Maryland	255,210	252,182	256,467	264,066	269,297	264,849	268,548	281,300	288,804
Massachusetts	312,868	311,336	318,045	326,158	337,344	334,961	342,346	363,676	367,529
Michigan	372,387	354,512	362,031	375,733	382,356	383,696	397,047	419,065	426,450
Minnesota	232,141	220,850	227,024	236,271	245,678	244,579	252,642	263,464	266,763
Mississippi	104,550	103,020	103,299	104,828	107,178	106,483	109,029	110,477	111,124
Missouri	252,073	247,796	246,006	247,496	253,725	249,589	254,575	263,098	264,632
Montana	36,399	35,853	36,869	38,672	40,397	39,468	40,373	42,186	43,059

Continued on next page.

**Table 13.11-- PERSONAL INCOME TOTAL AND PER CAPITA  
IN CONSTANT DOLLARS, BY STATE: 2008 TO 2016 -- Con.**

State	2008	2009	2010	2011	2012	2013	2014	2015	2016
Nebraska	80,814	79,551	80,992	88,145	89,042	88,056	92,324	94,777	95,463
Nevada	102,440	97,035	98,259	99,576	103,187	102,448	108,543	116,652	119,069
New Hampshire	57,040	56,765	57,499	59,706	61,221	60,320	60,413	62,929	63,863
New Jersey	404,645	391,973	390,528	397,895	404,837	405,798	414,758	435,156	439,798
New Mexico	71,376	70,356	71,229	72,907	73,324	70,845	74,183	76,856	77,463
New York	808,015	787,758	799,213	828,025	862,353	867,222	879,934	917,259	920,720
North Carolina	383,315	368,906	364,642	370,401	387,359	377,639	394,577	417,191	426,788
North Dakota	30,703	30,067	32,544	35,721	40,942	40,926	43,060	41,601	40,960
Ohio	470,524	461,243	460,831	480,741	491,342	490,014	502,013	520,242	525,058
Oklahoma	160,268	145,485	148,516	156,479	164,708	170,240	179,598	175,222	170,406
Oregon	142,798	136,747	137,097	141,260	145,890	146,148	153,956	165,130	168,613
Pennsylvania	539,582	526,653	534,267	548,627	561,917	556,897	573,721	594,250	596,803
Rhode Island	44,285	43,255	44,774	45,173	46,454	46,008	46,377	48,327	48,432
South Carolina	163,735	159,252	162,539	167,493	172,939	173,156	182,168	192,575	196,475
South Dakota	38,084	37,290	38,012	40,584	39,923	39,941	40,817	42,377	42,425
Tennessee	244,328	242,149	247,680	255,476	260,308	258,946	268,446	283,270	289,225
Texas	998,284	946,443	979,766	1,047,241	1,104,968	1,111,325	1,175,111	1,213,803	1,204,042
Utah	93,506	88,343	89,472	93,954	98,657	99,848	105,074	112,404	116,117
Vermont	25,442	25,050	25,379	26,212	26,322	26,405	26,432	27,370	27,809
Virginia	348,987	339,822	348,006	360,226	370,180	363,216	372,680	389,421	394,265
Washington	285,317	269,812	272,343	282,139	297,797	297,997	313,878	331,207	341,207
West Virginia	66,280	66,517	66,342	68,554	68,863	67,532	68,707	69,422	69,316
Wisconsin	236,376	232,728	233,318	240,074	245,841	245,199	250,740	260,354	263,700
Wyoming	27,628	25,453	26,380	27,962	30,004	29,806	31,171	31,331	30,201

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**Table 13.11-- PERSONAL INCOME TOTAL AND PER CAPITA  
IN CONSTANT DOLLARS, BY STATE: 2008 TO 2016 -- Con.**

State	2008	2009	2010	2011	2012	2013	2014	2015	2016
Real per capita personal income (chained (2009) dollars) 2/									
Alabama	38,228	37,476	37,782	38,114	38,051	37,996	38,892	40,356	40,689
Alaska	44,815	43,948	45,442	47,100	47,178	45,692	47,132	48,949	47,831
Arizona	35,578	33,810	33,568	34,335	35,075	35,352	36,455	37,889	38,265
Arkansas	37,049	36,317	35,768	37,111	38,905	38,210	40,130	40,967	41,371
California	39,143	37,524	37,595	38,926	40,439	40,003	41,414	44,022	44,562
Colorado	42,576	39,522	39,005	40,784	42,114	42,783	45,003	46,324	45,806
Connecticut	55,457	54,920	55,974	56,338	56,149	54,972	56,082	57,380	57,554
Delaware	41,103	40,152	39,398	41,316	40,638	40,600	40,932	43,036	43,223
Dist. of Col.	53,820	51,699	51,593	53,758	53,386	52,904	54,199	57,609	59,163
Florida	39,416	37,174	38,447	39,267	39,063	38,301	39,734	41,752	41,623
Georgia	37,824	37,027	37,013	38,385	37,766	37,516	39,025	40,545	41,407
<b>Hawaii</b>	35,692	35,534	35,095	35,280	35,585	35,121	36,155	37,583	38,514
Idaho	34,774	33,268	33,449	34,360	35,102	35,738	36,518	38,148	38,477
Illinois	43,385	40,744	40,744	41,602	42,791	43,535	45,113	46,796	47,302
Indiana	38,612	37,414	37,853	39,098	40,110	39,953	40,885	42,269	43,180
Iowa	43,869	42,088	41,926	43,705	44,602	44,445	45,043	46,372	46,230
Kansas	46,200	43,877	42,992	45,150	46,669	46,820	47,021	47,483	47,221
Kentucky	37,166	36,532	36,755	37,477	37,814	37,156	38,488	39,805	40,161
Louisiana	41,775	39,834	40,238	40,343	41,340	40,975	42,393	43,315	42,337
Maine	37,843	37,788	38,216	38,494	38,200	37,563	38,568	39,772	40,570
Maryland	44,892	44,008	44,309	45,193	45,708	44,643	44,981	46,879	47,936
Massachusetts	48,364	47,768	48,446	49,327	50,655	49,911	50,658	53,529	53,860
Michigan	37,438	35,804	36,655	38,044	38,674	38,760	40,046	42,252	42,931
Minnesota	44,242	41,818	42,748	44,196	45,685	45,158	46,334	48,049	48,283
Mississippi	35,467	34,818	34,776	35,207	35,930	35,640	36,482	37,007	37,222
Missouri	42,552	41,569	41,031	41,179	42,124	41,315	42,023	43,325	43,445
Montana	37,278	36,437	37,223	38,793	40,255	39,003	39,584	41,025	41,457

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**Table 13.11-- PERSONAL INCOME TOTAL AND PER CAPITA  
IN CONSTANT DOLLARS, BY STATE: 2008 TO 2016 -- Con.**

State	2008	2009	2010	2011	2012	2013	2014	2015	2016
Nebraska	44,987	43,886	44,259	47,862	48,005	47,154	49,084	50,052	50,043
Nevada	38,604	36,144	36,355	36,633	37,490	36,765	38,331	40,461	40,510
New Hampshire	43,347	43,131	43,669	45,289	46,347	45,606	45,468	47,310	47,837
New Jersey	46,452	44,768	44,360	44,987	45,579	45,525	46,378	48,567	48,984
New Mexico	35,499	34,542	34,500	35,089	35,191	33,976	35,610	36,910	37,145
New York	42,057	40,802	41,186	42,405	43,941	43,993	44,501	46,281	46,416
North Carolina	41,175	39,039	38,086	38,332	39,708	38,340	39,691	41,546	42,020
North Dakota	46,691	45,216	48,248	52,160	58,374	56,613	58,295	55,110	54,213
Ohio	40,860	40,008	39,936	41,647	42,552	42,360	43,300	44,825	45,176
Oklahoma	43,682	39,134	39,504	41,339	43,170	44,220	46,348	44,879	43,458
Oregon	37,890	35,905	35,730	36,540	37,466	37,286	38,871	41,112	41,266
Pennsylvania	42,782	41,577	42,032	43,054	44,010	43,581	44,856	46,458	46,672
Rhode Island	41,977	41,053	42,513	42,934	44,126	43,701	43,968	45,768	45,795
South Carolina	36,153	34,696	35,062	35,845	36,647	36,333	37,757	39,362	39,613
South Dakota	47,657	46,205	46,571	49,292	47,951	47,407	48,051	49,620	49,243
Tennessee	39,109	38,400	38,969	39,941	40,354	39,894	41,047	42,980	43,496
Texas	41,066	38,160	38,815	40,837	42,371	41,970	43,596	44,211	43,148
Utah	35,113	32,438	32,239	33,371	34,565	34,431	35,756	37,657	38,142
Vermont	40,763	40,092	40,551	41,857	42,075	42,177	42,247	43,830	44,611
Virginia	44,551	42,875	43,364	44,431	45,206	43,964	44,810	46,544	46,856
Washington	43,479	40,467	40,399	41,375	43,216	42,795	44,541	46,304	46,863
West Virginia	36,016	35,998	35,777	36,959	37,116	36,458	37,187	37,734	37,906
Wisconsin	41,903	41,051	41,002	42,075	42,971	42,742	43,597	45,202	45,679
Wyoming	50,597	45,464	46,742	49,263	52,035	51,183	53,436	53,456	51,634

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 2009 as base year) estimate of real personal income.

2/ 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 17, 2018) <<http://www.bea.gov/iTable/iTable.cfm?ReqID=70&step=1>> accessed July 22, 2018; and calculations by Hawaii State Department of Business, Economic Development & Tourism. See also "Real Personal Income for States and Metropolitan Areas, 2016" <<https://www.bea.gov/newsreleases/regional/rpp/2018/pdf/rpp0518.pdf>>.

**Table 13.12-- PERSONAL INCOME, TOTAL AND PER CAPITA, AND  
POPULATION BY COUNTY: 1969 TO 2016**

<b>Year</b>	<b>State total</b>	<b>City &amp; County of Honolulu</b>	<b>Hawaii</b>	<b>Kauai</b>	<b>Maui and Kalawao</b>
Total (\$1,000)					
1969	3,646,550	3,135,431	227,806	111,917	171,396
1970	4,229,452	3,638,544	269,994	121,243	199,671
1971	4,589,275	3,930,462	303,650	134,832	220,331
1972	5,053,789	4,332,294	335,243	143,778	242,474
1973	5,594,397	4,792,871	371,978	160,941	268,607
1974	6,365,247	5,278,618	509,574	219,322	357,733
1975	6,935,988	5,834,941	508,541	211,674	380,832
1976	7,463,349	6,279,933	532,631	227,717	423,068
1977	8,075,045	6,764,711	585,602	249,885	474,847
1978	8,963,468	7,504,034	653,264	275,384	530,786
1979	10,050,552	8,379,001	744,057	314,123	613,371
1980	11,460,741	9,404,699	932,942	390,948	732,152
1981	12,391,045	10,281,065	942,191	401,135	766,654
1982	13,076,982	10,824,165	988,432	433,159	831,226
1983	14,419,849	11,836,096	1,117,214	488,344	978,195
1984	15,454,096	12,743,137	1,167,533	505,790	1,037,636
1985	16,453,428	13,551,931	1,227,686	545,959	1,127,852
1986	17,468,188	14,307,395	1,338,353	592,369	1,230,071
1987	18,623,163	15,231,897	1,426,822	633,047	1,331,397
1988	20,461,349	16,640,304	1,567,464	753,405	1,500,176
1989	22,865,408	18,424,698	1,814,191	877,961	1,748,558
1990	24,931,086	20,002,934	2,018,456	957,874	1,951,822
1991	26,366,349	21,057,382	2,191,880	1,042,232	2,074,855
1992	28,424,752	22,662,997	2,330,440	1,129,298	2,302,017
1993	29,472,164	23,387,806	2,458,554	1,182,363	2,443,441
1994	30,121,287	23,828,975	2,548,794	1,207,517	2,536,001
1995	30,776,621	24,281,165	2,622,851	1,260,168	2,612,437
1996	30,785,523	24,204,197	2,682,866	1,255,669	2,642,791
1997	31,791,726	25,019,377	2,760,090	1,278,069	2,734,190
1998	32,450,676	25,356,732	2,921,666	1,308,160	2,864,118
1999	33,645,376	26,109,826	3,074,855	1,365,582	3,095,113
2000	35,680,722	27,573,673	3,321,765	1,469,290	3,315,994
2001	37,214,473	28,660,560	3,502,791	1,531,179	3,519,943
2002	38,922,238	29,908,194	3,707,860	1,588,012	3,718,172
2003	40,763,715	31,185,936	3,926,303	1,693,760	3,957,716
2004	43,952,173	33,375,168	4,365,672	1,882,715	4,328,618
2005	47,220,711	35,680,948	4,831,982	2,017,835	4,689,946
2006	50,618,308	38,195,299	5,212,423	2,157,515	5,053,071
2007	53,206,947	40,023,215	5,541,148	2,300,733	5,341,851
2008	56,050,035	42,094,733	5,890,669	2,423,343	5,641,290
2009	55,852,773	42,500,078	5,675,624	2,329,132	5,347,939
2010	56,908,597	43,243,842	5,807,050	2,356,523	5,501,182
2011	59,072,082	44,899,590	5,969,223	2,449,357	5,753,912
2012	61,836,090	46,792,938	6,245,535	2,578,066	6,219,551
2013	62,784,498	47,504,739	6,349,327	2,702,595	6,227,837
2014 1/	66,122,066	49,880,837	6,747,024	2,880,954	6,613,251
2015 1/	69,637,831	52,317,648	7,253,156	3,032,891	7,034,136
2016	71,946,077	53,827,889	7,618,924	3,139,390	7,359,874

Continued on next page.

**Table 13.12-- PERSONAL INCOME, TOTAL AND PER CAPITA, AND  
POPULATION BY COUNTY: 1969 TO 2016-- Con.**

<b>Year</b>	<b>State total</b>	<b>City &amp; County of Honolulu</b>	<b>Hawaii</b>	<b>Kauai</b>	<b>Maui and Kalawao</b>
Population 2/					
1969	743,000	603,438	63,104	30,044	46,414
1970	762,920	623,756	63,549	29,620	45,995
1971	791,580	633,043	73,508	33,245	51,784
1972	818,104	664,830	69,922	31,864	51,488
1973	841,851	683,772	72,856	32,530	52,693
1974	858,121	698,033	73,891	32,536	53,661
1975	875,052	707,866	77,212	33,305	56,669
1976	892,335	716,911	80,481	34,770	60,173
1977	915,749	734,962	82,610	35,414	62,763
1978	928,816	740,505	85,661	36,700	65,950
1979	950,050	753,428	89,069	38,016	69,537
1980	967,710	763,820	92,897	39,369	71,624
1981	978,195	767,573	96,122	40,457	74,043
1982	993,780	776,075	98,798	41,804	77,103
1983	1,012,717	789,097	100,764	42,796	80,060
1984	1,027,922	797,791	103,528	43,634	82,969
1985	1,039,698	804,294	105,900	44,357	85,147
1986	1,051,762	810,444	108,362	45,567	87,389
1987	1,067,917	818,447	111,735	47,203	90,532
1988	1,079,827	824,072	113,439	48,549	93,767
1989	1,094,588	831,337	116,585	49,847	96,819
1990	1,113,491	838,534	121,572	51,676	101,709
1991	1,136,754	850,510	127,266	53,379	105,599
1992	1,158,613	863,959	131,630	54,439	108,585
1993	1,172,838	870,348	135,085	55,461	111,944
1994	1,187,536	878,591	137,713	56,478	114,754
1995	1,196,854	881,399	140,492	57,068	117,895
1996	1,203,755	883,443	141,935	57,688	120,689
1997	1,211,640	886,711	144,445	57,712	122,772
1998	1,215,233	886,909	145,833	57,843	124,648
1999	1,210,300	878,906	146,970	58,264	126,160
2000	1,213,519	876,629	149,244	58,568	129,078
2001	1,225,948	882,755	151,690	59,075	132,428
2002	1,239,613	890,473	154,576	59,981	134,583
2003	1,251,154	894,311	158,442	60,805	137,596
2004	1,273,569	907,997	162,852	62,095	140,625
2005	1,292,729	918,181	168,237	62,863	143,448
2006	1,309,731	926,954	173,536	63,465	145,776
2007	1,315,675	925,335	177,733	64,490	148,117
2008	1,332,213	933,680	181,506	65,603	151,424
2009	1,346,717	943,177	183,629	66,518	153,393
2010 1/	1,363,945	956,325	185,339	67,209	155,072
2011 1/	1,377,864	966,279	186,933	67,803	156,849
2012 1/	1,391,820	975,909	188,765	68,558	158,588
2013 1/	1,406,481	984,730	191,147	69,628	160,976
2014 1/	1,416,349	988,586	193,885	70,540	163,338
2015 1/	1,425,157	993,166	196,156	71,478	164,357
2016	1,428,557	992,605	198,449	72,029	165,474

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**Table 13.12-- PERSONAL INCOME, TOTAL AND PER CAPITA, AND  
POPULATION BY COUNTY: 1969 TO 2016-- Con.**

Year	State total	City & County of Honolulu	Hawaii	Kauai	Maui and Kalawao
Per capita (dollars) 3/					
1969	4,908	5,196	3,610	3,725	3,693
1970	5,544	5,833	4,249	4,093	4,341
1971	5,798	6,209	4,131	4,056	4,255
1972	6,177	6,516	4,795	4,512	4,709
1973	6,645	7,009	5,106	4,947	5,098
1974	7,418	7,562	6,896	6,741	6,667
1975	7,926	8,243	6,586	6,356	6,720
1976	8,364	8,760	6,618	6,549	7,031
1977	8,818	9,204	7,089	7,056	7,566
1978	9,650	10,134	7,626	7,504	8,048
1979	10,579	11,121	8,354	8,263	8,821
1980	11,843	12,313	10,043	9,930	10,222
1981	12,667	13,394	9,802	9,915	10,354
1982	13,159	13,947	10,005	10,362	10,781
1983	14,239	15,000	11,087	11,411	12,218
1984	15,034	15,973	11,277	11,592	12,506
1985	15,825	16,849	11,593	12,308	13,246
1986	16,608	17,654	12,351	13,000	14,076
1987	17,439	18,611	12,770	13,411	14,706
1988	18,949	20,193	13,818	15,518	15,999
1989	20,890	22,163	15,561	17,613	18,060
1990	22,390	23,855	16,603	18,536	19,190
1991	23,194	24,759	17,223	19,525	19,648
1992	24,533	26,232	17,704	20,744	21,200
1993	25,129	26,872	18,200	21,319	21,827
1994	25,365	27,122	18,508	21,380	22,099
1995	25,715	27,548	18,669	22,082	22,159
1996	25,575	27,398	18,902	21,767	21,898
1997	26,239	28,216	19,108	22,146	22,270
1998	26,703	28,590	20,034	22,616	22,978
1999	27,799	29,707	20,922	23,438	24,533
2000	29,403	31,454	22,257	25,087	25,690
2001	30,356	32,467	23,092	25,919	26,580
2002	31,399	33,587	23,987	26,475	27,627
2003	32,581	34,871	24,781	27,856	28,763
2004	34,511	36,757	26,808	30,320	30,781
2005	36,528	38,860	28,721	32,099	32,694
2006	38,648	41,205	30,037	33,995	34,663
2007	40,441	43,253	31,177	35,676	36,065
2008	42,073	45,085	32,454	36,940	37,255
2009	41,473	45,061	30,908	35,015	34,864
2010 1/	41,724	45,219	31,332	35,063	35,475
2011 1/	42,872	46,466	31,932	36,125	36,684
2012 1/	44,428	47,948	33,086	37,604	39,218
2013 1/	44,639	48,241	33,217	38,815	38,688
2014 1/	46,685	50,457	34,799	40,841	40,488
2015 1/	48,863	52,678	36,976	42,431	42,798
2016	50,363	54,229	38,392	43,585	44,478

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**Table 13.12-- PERSONAL INCOME, TOTAL AND PER CAPITA, AND  
POPULATION BY COUNTY: 1969 TO 2016-- Con.**

1/ Revised from previous *Data Book*.

2/ Census Bureau midyear population estimates. Estimates for 2010-2016 reflect county population estimates available as of March 2017.

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, "CA1 Personal Income Summary: Personal Income, Population, Per Capita Personal Income" <<http://www.bea.gov/iTable/iTable.cfm?reqid=70&step=1&isuri=1&acrnd=7#reqid=70&step=1&isuri=1>> accessed November 16, 2017. See also "Local Area Personal Income: 2016" (November 16, 2017) <[http://www.bea.gov/newsreleases/regional/lapi/lapi\\_newsrelease.htm](http://www.bea.gov/newsreleases/regional/lapi/lapi_newsrelease.htm)> accessed November 16, 2017.

**Table 13.13-- PERFORMANCE RANKINGS FOR METROPOLITAN STATISTICAL AREAS, URBAN HONOLULU AND PROVO-OREM, UTAH: 2016 AND 2017**

[Top performer in 2016, San Jose-Sunnyvale-Santa Clara, California is ranked 11 in 2017]

Category and location	2016		2017	
	Period	Rank	Period	Rank
Urban Honolulu				
Overall	2016	159	2017	152
Job growth (5-year)	2010 to 2015	100	2011 to 2016	109
Job growth (1-year)	2014 to 2015	141	2015 to 2016	135
Wage growth (5-year)	2009 to 2014	125	2010 to 2015	111
Wage growth (1-year)	2013 to 2014	124	2014 to 2015	104
Short-term job growth	August: 2015 to 2016	121	August: 2016 to 2017	172
High tech GDP growth (5-year)	2010 to 2015	160	2011 to 2016	129
High tech GDP growth (1-year)	2014 to 2015	158	2015 to 2016	130
High-tech GDP concentration 1/	2015	172	2016	167
Number of high-tech GDP industries with location quotients over 1 1/	2015	177	2016	178
Provo-Orem, Utah				
Overall	2016	2	2017	1
Job growth (5-year)	2010 to 2015	2	2011 to 2016	1
Job growth (1-year)	2014 to 2015	2	2015 to 2016	1
Wage growth (5-year)	2009 to 2014	6	2010 to 2015	4
Wage growth (1-year)	2013 to 2014	32	2014 to 2015	3
Short-term job growth	August: 2015 to 2016	9	August: 2016 to 2017	7
High tech GDP growth (5-year)	2010 to 2015	10	2011 to 2016	3
High tech GDP growth (1-year)	2014 to 2015	1	2015 to 2016	12
High-tech GDP concentration 1/	2015	13	2016	16
Number of high-tech GDP industries with location quotients over 1 1/	2015	16	2016	20

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

Source: Milken Institute, *Best Performing Cities: 2017, Where America's Jobs Are Created and Sustained* (January 2018) <<http://www.best-cities.org/2017/best-performing-cities-report-2016.pdf>> accessed January 17, 2018. See also Provo-Orem, Utah as #2 for 2016 <<http://www.best-cities.org/2016/best-performing-cities-report-2016.pdf>> accessed January 17, 2018.

**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							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							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

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	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 2016**

[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

NA Not available.

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

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

3/ Data based on a sample. For information on confidentiality protection, sampling error, nonsampling error, and definitions see <<http://factfinder.census.gov/home/en/datanotes/expsf4.htm>>.

Source: U.S. Bureau of the Census, *Census of Population: 1960*, PC(1)-13C (1962), tables 66 and 67 (for 1949 data); *1970 Census of Population*, PC(1)-C13 (December 1971), table 47 (for 1959 data); *1980 Census of Population*, PC80-1-C-13 (June 1983), table 61 (for 1969 and 1979 data); *1990 Census of Population and Housing*, 1990 CP-2-13 (September 1993), table 28 (for 1989 data); U.S. Census Bureau, Census 2000, Table DP-3 Profile of Selected Economic Characteristics: 2000 (for 1999 data) <<http://www.hawaii.gov/dbedt/census2k/profile-state/index.html>> accessed July 23, 2002; U.S. Census Bureau, Census 2000 Summary File 4 (SF 4) - Sample Data, PCT133. Median Income in 1999 dollars, by sex, by work experience in 1999 for the Population 15 years and over with income; and American FactFinder, American Community Survey 1-Year Estimates Hawaii Geographic Area Profiles "DPO3 Selected Economic Characteristics" (annual) <<https://factfinder.census.gov/faces/nav/jsf/pages/searchresults.xhtml?refresh=t>> accessed January 17, 2018.

**Table 13.18-- MEDIAN INCOME OF FOUR-PERSON FAMILIES IN HAWAII  
AND THE UNITED STATES: 1974 TO 2016**

[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>
1974	17,069	14,747	2	115.7
1975	18,825	15,848	2	118.8
1976	20,113	17,315	2	116.2
1977	21,718	18,723	2	116.0
1978	22,475	20,428	3	110.0
1979	24,582	22,395	7	109.8
1980 3/	27,514	24,332	4	113.1
1981	29,295	26,274	6	111.5
1982	30,019	27,619	9	108.7
1983	31,614	29,184	10	108.3
1984	33,445	31,097	11	107.6
1985	34,636	32,777	10	105.7
1986	36,618	34,716	11	105.5
1987	40,878	36,812	6	111.0
1988	42,353	39,051	8	108.5
1989	44,988	40,763	8	110.4
1990	50,234	41,451	6	121.2
1991	49,367	43,056	6	114.7
1992	50,856	44,251	5	114.9
1993	54,856	45,161	4	121.5
1994	56,992	47,012	5	121.2
1995 4/	54,749	49,687	6	110.2
1996	57,909	51,518	6	112.4
1997	58,474	53,350	10	109.6
1998 5/	61,540	56,061	10	109.8
1999	66,402	59,981	7	110.7
2000	65,872	62,228	15	105.9
2001 6/	66,014	63,278	16	104.3
2002	67,564	62,732	13	107.7
2003	71,320	65,093	12	109.6
2004	73,477	66,111	10	111.1
2005	79,240	67,019	6	118.2

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**Table 13.18-- MEDIAN INCOME OF FOUR-PERSON FAMILIES IN HAWAII  
AND THE UNITED STATES: 1974 TO 2016 -- Con.**

<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>
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

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's 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.

3/ Implementation of 1980 census population controls in CPS estimates.

4/ Implementation of 1990 census population controls in CPS estimates.

5/ In 1999, the U.S. Bureau of Economic Analysis revised its methodology in estimating personal per capita income.

6/ Implementation of Census 2000-based population controls in CPS estimates.

Source: U.S. Census Bureau, Median Income for 4-Person Families, By State, 1974-2003 (FY 1977-2006) <<http://www.census.gov/hhes/income/4person.html>> accessed April 25, 2005; and *Federal Register*: February 28, 2006 (Volume 71, Number 39), pp. 10037-10039 <<http://www.gpoaccess.gov/fr/index.html>> accessed April 25, 2006; *Federal Register*: March 28, 2007 (Volume 72, Number 59) pp. 14579-14581 <<http://www.gpoaccess.gov/fr/index.html>> accessed April 26, 2007; *Federal Register*: March 5, 2008 (Volume 73, Number 44), pp. 11924-11926 <<http://www.gpoaccess.gov/fr/index.html>> accessed March 31, 2008; *Federal Register*: March 13, 2009 (Volume 74, Number 48), pp. 10922-10924 <<http://www.gpoaccess.gov/fr/index.html>> accessed April 2, 2009; U.S. Census Bureau, American Factfinder "American Community Survey 1-Year Estimates, Table B19119. Median Family Income In The Past 12 Months (In Inflation-Adjusted Dollars) By Family Size" (annual) <<http://factfinder.census.gov/faces/nav/jsf/pages/searchresults.xhtml?refresh=t>> accessed January 17, 2018 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 2016 DOLLARS: 1984 TO 2016**

[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 2016 CPI-U-RS adjusted dollars. The CPI-U-RS is a price index of inflation that incorporates most of the improvements in methodology made to the current CPI-U since 1978 into a single, uniform series. The Census Bureau recommends using the ACS one-year estimates to examine the most recent state trends, and the CPS for examining historical trends (more than a few years) by state]

Year	Median income in current dollars					
	Hawaii			United States		
	Amount (dollars)	Percent change	Standard error	Amount (dollars)	Percent change	Standard error
1984	28,877	(NA)	1,216	22,415	(NA)	102
1985	28,961	0.3	1,446	23,618	5.4	128
1986	29,003	0.1	1,206	24,897	5.4	129
1987	35,022	20.8	1,074	26,061	4.7	127
1988	33,024	-5.7	1,482	27,225	4.5	139
1989	35,035	6.1	1,328	28,906	6.2	159
1990	38,921	11.1	1,414	29,943	3.6	153
1991	37,246	-4.3	1,630	30,126	0.6	144
1992	42,113	13.1	1,435	30,636	1.7	145
1993	42,662	1.3	1,759	31,241	2.0	146
1994	42,255	-1.0	2,423	32,264	3.3	147
1995	42,851	1.4	1,292	34,076	5.6	197
1996	41,772	-2.5	1,893	35,492	4.2	179
1997	40,934	-2.0	1,399	37,005	4.3	171
1998	40,827	-0.3	2,369	38,885	5.1	230
1999	44,504	9.0	1,832	40,696	4.7	190
2000	51,546	15.8	1,193	41,990	3.2	132
2001	47,439	-8.0	1,256	42,228	0.6	129
2002	47,303	-0.3	1,371	42,409	0.4	139
2003	51,834	9.6	1,332	43,318	2.1	188
2004	56,242	8.5	1,690	44,334	2.3	196
2005	59,586	5.9	1,212	46,326	4.5	155
2006	60,470	1.5	1,571	48,201	4.0	207
2007	64,022	5.9	2,125	50,233	4.2	140
2008	61,521	-3.9	1,481	50,303	0.1	137
2009	55,649	-9.5	2,023	49,777	-1.0	213
2010	59,539	7.0	2,731	49,276	-1.0	325
2011	59,047	-0.8	2,531	50,054	1.6	251
2012	56,263	-4.7	2,255	51,017	1.9	209
2013 1/	61,408	9.1	2,207	51,939	1.8	276
2013 2/	64,235	4.6	3,918	53,585	3.2	654
2014	71,223	10.9	2,676	53,657	0.1	392
2015	64,514	-9.4	2,840	56,516	5.3	321
2016	72,133	11.8	2,510	59,039	4.5	436

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**Table 13.19 -- MEDIAN MONEY INCOME OF HOUSEHOLDS, FOR HAWAII AND THE UNITED STATES, IN CURRENT AND CONSTANT 2016 DOLLARS: 1984 TO 2016 -- Con.**

Year	Median income in constant (2016) dollars					
	Hawaii			United States		
	Amount (dollars)	Percent change	Standard error	Amount (dollars)	Percent change	Standard error
1984	63,558	(NA)	2,676	49,335	(NA)	225
1985	61,627	-3.0	3,077	50,258	1.9	272
1986	60,655	-1.6	2,522	52,068	3.6	270
1987	70,807	16.7	2,171	52,690	1.2	257
1988	64,440	-9.0	2,892	53,124	0.8	271
1989	65,500	1.6	2,483	54,042	1.7	297
1990	69,346	5.9	2,519	53,350	-1.3	273
1991	64,032	-7.7	2,802	51,791	-2.9	248
1992	70,642	10.3	2,407	51,390	-0.8	243
1993	69,803	-1.2	2,878	51,116	-0.5	239
1994	67,723	-3.0	3,883	51,710	1.2	236
1995	67,063	-1.0	2,022	53,330	3.1	308
1996	63,678	-5.0	2,886	54,105	1.5	273
1997	61,081	-4.1	2,088	55,218	2.1	255
1998	60,107	-1.6	3,488	57,248	3.7	339
1999	64,154	6.7	2,641	58,665	2.5	274
2000	71,867	12.0	1,663	58,544	-0.2	184
2001	64,310	-10.5	1,703	57,246	-2.2	175
2002	63,130	-1.8	1,830	56,599	-1.1	186
2003	67,641	7.1	1,738	56,528	-0.1	245
2004	71,463	5.7	2,147	56,332	-0.3	249
2005	73,231	2.5	1,490	56,935	1.1	190
2006	71,984	-1.7	1,870	57,379	0.8	246
2007	74,111	3.0	2,460	58,149	1.3	162
2008	68,581	-7.5	1,651	56,076	-3.6	153
2009	62,252	-9.2	2,263	55,683	-0.7	238
2010	65,543	5.3	3,006	54,245	-2.6	358
2011	62,995	-3.9	2,700	53,401	-1.6	268
2012	58,815	-6.6	2,357	53,331	-0.1	218
2013 1/	63,274	7.6	2,274	53,518	0.4	284
2013 2/	66,187	4.6	4,037	55,214	3.2	674
2014	72,206	9.1	2,713	54,398	-1.5	397
2015	65,329	-9.5	2,876	57,230	5.2	325
2016	72,133	10.4	2,510	59,039	3.2	436

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**Table 13.19 -- MEDIAN MONEY INCOME OF HOUSEHOLDS, FOR HAWAII AND THE UNITED STATES, IN CURRENT AND CONSTANT 2016 DOLLARS: 1984 TO 2016 -- Con.**

NA Not available.

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

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

Source: U.S. Census Bureau, Historical Income Tables - Households, Table H-8. Median Household Income by State: 1984 to 2016 <<https://www2.census.gov/programs-surveys/cps/tables/time-series/historical-income-households/h08.xls>> accessed January 18, 2018; 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 2016 DOLLARS: 1984 TO 2016**

[Based on small samples and subject to considerable sampling variation. Surveys conducted in March or April of following year. Median income in 2016 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	62,593	(NA)	2,366	49,797	(NA)	205
1985-1986	61,141	-2.3	2,306	51,163	2.7	223
1986-1987	65,731	7.5	1,931	52,379	2.4	216
1987-1988	67,623	2.9	2,090	52,907	1.0	217
1988-1989	64,970	-3.9	2,211	53,583	1.3	234
1989-1990	67,423	3.8	2,055	53,696	0.2	234
1990-1991	66,689	-1.1	2,188	52,571	-2.1	214
1991-1992	67,337	1.0	2,143	51,591	-1.9	202
1992-1993	70,223	4.3	2,175	51,253	-0.7	198
1993-1994	68,763	-2.1	2,792	51,413	0.3	195
1994-1995	67,393	-2.0	2,483	52,520	2.2	224
1995-1996	65,371	-3.0	2,031	53,717	2.3	239
1996-1997	62,379	-4.6	2,056	54,661	1.8	217
1997-1998	60,594	-2.9	2,325	56,233	2.9	245
1998-1999	62,131	2.5	2,529	57,956	3.1	252
1999-2000	68,010	9.5	1,790	58,604	1.1	190
2000-2001	68,088	0.1	1,383	57,895	-1.2	147
2001-2002	63,720	-6.4	1,452	56,922	-1.7	148
2002-2003	65,386	2.6	1,466	56,564	-0.6	178
2003-2004	69,552	6.4	1,600	56,430	-0.2	203
2004-2005	72,347	4.0	1,506	56,633	0.4	181
2005-2006	72,608	0.4	1,384	57,157	0.9	180
2006-2007	73,048	0.6	1,787	57,764	1.1	170
2007-2008	71,346	-2.3	1,704	57,112	-1.1	129
2008-2009	65,417	-8.3	1,617	55,880	-2.2	162
2009-2010	63,985	-2.2	2,497	54,885	-1.8	317
2010-2011	64,269	0.4	2,305	53,823	-1.9	272
2011-2012	60,905	-5.2	1,946	53,366	-0.8	201
2012-2013 1/ 2/	61,045	0.2	1,663	53,425	0.1	189
2014-2015 1/	68,767	12.6	2,150	55,814	4.5	256
2015-2016 1/	68,731	-0.1	1,958	58,135	4.2	276

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**Table 13.20- MEDIAN MONEY INCOME OF HOUSEHOLDS, FOR HAWAII  
AND THE UNITED STATES, 2-YEAR MOVING AVERAGES IN  
CONSTANT 2016 DOLLARS: 1984 TO 2016 -- Con.**

NA Not available.

1/ Due to the redesign of the CPS ASEC income questions, 2013 was the last year that data are available for sequential two-year averages.

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

Source: U.S. Census Bureau, "Table H-8A. Median Income of Households by State: 1984 to 2016 Two-Year Moving Averages" <<https://www2.census.gov/programs-surveys/cps/tables/time-series/historical-income-households/h08a.xls>> accessed January 18, 2018 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 2016 DOLLARS: 1984 TO 2016**

[Based on small samples and subject to considerable sampling variation. From surveys conducted in March or April of following year. Median income in 2016 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/
1984-1986	61,947	1,949	5
1985-1987	64,363	1,820	5
1986-1988	65,301	1,753	6
1987-1989	66,916	1,785	5
1988-1990	66,429	1,834	6
1989-1991	66,293	1,816	6
1990-1992	68,007	1,815	3
1991-1993	68,159	1,871	3
1992-1994	69,390	2,156	2
1993-1995	68,196	2,128	2
1994-1996	66,155	2,030	3
1995-1997	63,941	1,669	5
1996-1998	61,622	1,948	14
1997-1999	61,781	1,973	16
1998-2000	65,376	1,869	10
1999-2001	66,777	1,402	9
2000-2002	66,436	1,210	10
2001-2003	65,027	1,233	11
2002-2004	67,411	1,326	8
2003-2005	70,778	1,278	4
2004-2006	72,226	1,270	3
2005-2007	73,109	1,372	4
2006-2008	71,559	1,427	5
2007-2009	68,315	1,467	7
2008-2010	65,080	1,457	10
2009-2011	63,655	2,135	9
2010-2012	62,451	1,902	11
2011-2013 2/	61,695	1,489	12
2013-2015 2/	67,907	2,031	6
2014-2016 2/	69,889	1,713	6

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**Table 13.21-- MEDIAN MONEY INCOME OF HOUSEHOLDS, FOR HAWAII AND THE UNITED STATES, 3-YEAR MOVING AVERAGES IN CONSTANT 2016 DOLLARS: 1984 TO 2016-- Con.**

Year	Median income, 3-year moving averages		
	United States (dollars)	Standard error	Rank between 1/
1984-1986	50,554	180	22 & 23
1985-1987	51,672	186	24 & 25
1986-1988	52,627	185	24 & 25
1987-1989	53,285	192	22 & 23
1988-1990	53,505	197	21 & 22
1989-1991	53,061	191	20 & 21
1990-1992	52,177	178	23 & 24
1991-1993	51,433	170	23 & 24
1992-1994	51,406	167	23 & 24
1993-1995	52,052	182	22 & 23
1994-1996	53,048	193	22 & 23
1995-1997	54,218	195	22 & 23
1996-1998	55,524	201	22 & 23
1997-1999	57,043	206	22 & 23
1998-2000	58,152	190	21 & 22
1999-2001	58,151	148	20 & 21
2000-2002	57,463	127	24 & 25
2001-2003	56,791	141	24 & 25
2002-2004	56,486	160	20 & 21
2003-2005	56,598	161	21 & 22
2004-2006	56,882	158	22 & 23
2005-2007	57,488	143	20 & 21
2006-2008	57,201	131	22 & 23
2007-2009	56,636	129	22 & 23
2008-2010	55,397	148	26 & 27
2009-2011	54,390	264	26 & 27
2010-2012	53,659	220	24 & 25
2011-2013 2/	53,417	176	26 & 27
2013-2015 2/	55,614	287	25 & 26
2014-2016 2/	56,889	230	27 & 28

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 2016 Three Moving Averages" <<http://www2.census.gov/programs-surveys/cps/tables/time-series/historical-income-households/h08b.xls>> accessed January 18, 2018; 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): 2012-2016**

[Average of the 5-year period]

Geographic area	Median income (dollars) 1/		Percent below poverty level 2/	
	Households	Families	Persons	Families
State	71,977	83,451	10.8	7.3
County: Hawaii	53,936	63,031	18.7	14.1
Honolulu	77,161	89,875	9.5	6.1
Kalawao	65,625	111,875	12.9	0.0
Kauai	68,224	81,280	9.6	6.1
Maui	68,777	77,899	9.8	6.8
CDP: Hilo	55,815	70,913	17.4	11.1
East Honolulu	114,122	129,616	3.7	2.4
Kailua (Oahu)	109,087	116,510	4.5	2.6
Kaneohe	92,257	100,472	6.2	3.4
Pearl City	89,320	99,583	5.1	3.5
Urban Honolulu	63,361	77,567	12.1	7.8
Waipahu	72,447	78,198	12.8	9.6
Kahului	70,905	75,777	9.4	5.3
Lihue	61,725	80,938	9.1	7.7

1/ Inflation- adjusted 2016 dollars for 2012-2016.

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

Source: U.S. Census Bureau, 2012-2016 American Community Survey 5-Year Estimates "DP03: Selected Economic Characteristics" for State of Hawaii, Honolulu, Hawaii, Kauai, Maui, Kalawao counties, and selected Census Designated Places <<https://factfinder.census.gov/faces/nav/jsf/pages/searchresults.xhtml?refresh=t>> accessed April 17, 2018.

**Table 13.23-- ESTIMATED MEDIAN HOUSEHOLD INCOME AND POVERTY STATUS, BY COUNTY: 2015 AND 2016**

[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]

Item	Median household income			Persons in poverty 1/						Persons under 18 in poverty					
	Dollars	90% conf. interval 2/		Number	90% conf. interval 2/		Per-cent	90% conf. interval 2/		Number	90% conf. interval 2/		Per-cent	90% conf. interval 2/	
		Lower limit	Upper limit		Lower limit	Upper limit		Lower limit	Upper limit		Lower limit	Upper limit			
2015															
State total	73,097	71,322	74,872	149,091	143,298	154,884	10.7	10.3	11.1	44,299	41,234	47,364	14.5	13.5	15.5
County															
Hawaii	54,914	51,410	58,418	35,294	30,757	39,831	18.3	16.0	20.6	12,088	10,112	14,064	28.5	23.8	33.2
Honolulu	76,544	75,009	78,079	88,536	81,818	95,254	9.2	8.5	9.9	24,207	21,178	27,236	11.5	10.1	12.9
Kalawao 3/	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Kauai	70,122	66,862	73,382	7,928	6,333	9,523	11.2	8.9	13.5	2,495	1,892	3,098	15.9	12.1	19.7
Maui 3/	68,684	66,231	71,137	17,333	14,190	20,476	10.7	8.8	12.6	5,508	4,273	6,743	15.3	11.9	18.7
2016															
State total	74,659	73,083	76,235	132,597	125,573	139,621	9.5	9.0	10.0	33,801	30,628	36,974	11.2	10.1	12.3
County															
Hawaii	54,684	51,934	57,434	29,962	25,459	34,465	15.4	13.1	17.7	8,133	6,092	10,174	19.3	14.5	24.1
Honolulu	80,012	78,639	81,385	81,341	73,958	88,724	8.5	7.7	9.3	19,779	16,697	22,861	9.5	8.0	11.0
Kalawao 3/	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Kauai	63,164	58,023	68,305	5,716	4,273	7,159	8.1	6.1	10.1	1,707	1,128	2,286	10.8	7.1	14.5
Maui 3/	69,699	66,215	73,183	15,578	12,378	18,778	9.5	7.5	11.5	4,181	2,975	5,387	11.7	8.3	15.1

NA Not available.

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

2/ 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.

3/ 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/data/datasets/2016/demo/saipe/2016-state-and-county.html>> accessed January 18, 2018.

**Table 13.24-- INCOME OF HOUSEHOLDS AND FAMILIES:  
2015 AND 2016**

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

Income	Households		Families	
	Number	Percent	Number	Percent
2015 (in 2015 inflation-adjusted dollars)	445,936	100.0	309,386	100.0
Less than \$10,000	23,431	5.3	8,763	2.8
\$10,000 to \$14,999	14,298	3.2	6,275	2.0
\$15,000 to \$24,999	30,457	6.8	12,813	4.1
\$25,000 to \$34,999	30,273	6.8	17,034	5.5
\$35,000 to \$49,999	48,444	10.9	31,017	10.0
\$50,000 to \$74,999	79,554	17.8	57,310	18.5
\$75,000 to \$99,999	64,879	14.5	48,463	15.7
\$100,000 to \$149,999	83,618	18.8	68,830	22.2
\$150,000 to \$199,999	38,040	8.5	31,469	10.2
\$200,000 or more	32,942	7.4	27,412	8.9
Median income (dollars)	73,486	(X)	83,823	(X)
2016 (in 2016 inflation-adjusted dollars)	455,868	100.0	315,505	100.0
Less than \$10,000	25,137	5.5	7,961	2.5
\$10,000 to \$14,999	16,648	3.7	6,353	2.0
\$15,000 to \$24,999	28,509	6.3	12,893	4.1
\$25,000 to \$34,999	30,369	6.7	19,370	6.1
\$35,000 to \$49,999	47,723	10.5	29,231	9.3
\$50,000 to \$74,999	80,844	17.7	56,695	18.0
\$75,000 to \$99,999	62,561	13.7	49,534	15.7
\$100,000 to \$149,999	85,157	18.7	68,068	21.6
\$150,000 to \$199,999	37,177	8.2	30,886	9.8
\$200,000 or more	41,743	9.2	34,514	10.9
Median income (dollars)	74,511	(X)	86,768	(X)

X Not applicable.

Source: U.S. Census Bureau, American Community Survey 1-Year Estimates, Hawaii 2015 "DP03: Selected Economic Characteristics" and Ibid. 2016

<<https://factfinder.census.gov/faces/nav/jsf/pages/searchresults.xhtml?refresh=t>> accessed January 18, 2018.



**Table 13.25-- INCOME TYPE AND PER CAPITA INCOME, BY COUNTY: 2011-2015 AND 2012-2016**

[In number and dollars. Averages of 5-year periods]

Subject	State total	City & County of Honolulu	County of Hawaii	County of Kalawao	County of Kauai	County of Maui
Households 2011- 2015	450,572	309,602	65,048	54	22,405	53,463
With earnings	365,525	256,581	47,497	47	17,494	43,906
Mean earnings (dollars) 1/	83,023	87,550	64,878	66,770	76,134	78,959
With Social Security income	149,707	99,642	24,378	14	8,303	17,370
Mean Social Security income (dollars) 1/	18,277	18,444	17,682	7,286	18,515	18,052
With retirement income	103,034	72,155	14,695	14	4,985	11,185
Mean retirement income (dollars) 1/	28,136	29,547	25,810	17,607	25,141	23,437
With Supplemental Security income	18,928	12,399	3,439	2	929	2,159
Mean Supplemental Security income (dollars) 1/	9,233	9,109	9,399	-	9,008	9,783
With cash public assistance income	16,429	10,158	3,672	2	898	1,699
Mean cash public assistance income (dollars) 1/	4,810	4,826	4,630	-	5,187	4,900
With Food Stamp/SNAP benefits in the past 12 months	50,798	30,057	12,145	3	2,283	6,310
Per capita income (dollars) 1/	29,822	31,041	24,548	46,769	27,441	29,664
Households 2012- 2016						
With earnings	365,446	255,874	48,082	48	17,506	43,936
Mean earnings (dollars) 1/	86,812	91,494	68,007	71,871	80,423	82,684
With Social Security income	154,305	102,166	25,662	13	8,228	18,236
Mean Social Security income (dollars) 1/	18,529	18,680	17,848	6,700	18,749	18,554
With retirement income	105,379	74,028	14,805	13	5,089	11,444
Mean retirement income (dollars) 1/	28,661	29,941	26,336	16,131	26,433	24,393
With Supplemental Security income	19,119	12,394	3,751	1	946	2,027
Mean Supplemental Security income (dollars) 1/	9,263	9,163	9,483	(2/)	9,047	9,566
With cash public assistance income	15,865	10,270	3,118	2	820	1,655
Mean cash public assistance income (dollars) 1/	4,579	4,416	4,863	(2/)	5,132	4,773
With Food Stamp/SNAP benefits in the past 12 months	52,270	30,671	12,901	2	2,259	6,437
Per capita income (dollars) 1/	30,970	32,194	25,827	45,812	28,791	30,599

1/ In 2015-inflation adjusted dollars for 2011-2015, and 2016-inflation adjusted dollars for 2012-2016.

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

Source: U.S. Census Bureau, American Community Survey 5-Year Estimates 2011-2015, "DP03: Selected Economic Characteristics: Hawaii State, and Counties" <<https://factfinder.census.gov/faces/nav/jsf/pages/searchresults.xhtml?refresh=t>> accessed December 8, 2016; and Ibid. 2012- 2016 <<https://factfinder.census.gov/faces/nav/jsf/pages/searchresults.xhtml?refresh=t>> accessed January 18, 2018.

**Table 13.26-- POVERTY STATUS OF PERSONS: 1980 TO 2016**

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

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

Continued on next page.

### **Table 13.26-- POVERTY STATUS OF PERSONS: 1980 TO 2016 -- 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, and 12.7 percent in 2016.

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

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

Source: U.S. Bureau of the Census, Historical Poverty Tables - People, Tables 19 and 21  
<<https://www.census.gov/data/tables/time-series/demo/income-poverty/historical-poverty-people.html>>  
accessed January 18, 2018.

**Table 13.27-- POVERTY STATUS, FOR THE STATE AND BY COUNTY: 2012-2016**

[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 2012-2016.  
Data in percent below poverty level]

Subject	State total	City & County of Honolulu	Hawaii County	Kalawao County	Kauai County	Maui County
All families	7.3	6.1	14.1	0.0	6.1	6.8
With related children under 18 years	11.0	9.2	23.2	(1/)	8.6	9.8
With related children under 5 years only	9.8	7.0	27.7	(1/)	10.2	9.1
Married couple families	4.3	3.6	8.2	0.0	3.8	4.1
With related children under 18 years	5.4	4.7	10.8	(1/)	3.9	5.0
With related children under 5 years only	3.2	3.3	5.3	(1/)	1.5	1.8
Families with female householder, no husband present	18.6	16.4	31.9	(1/)	14.0	16.4
With related children under 18 years	28.3	26.1	45.0	(1/)	20.9	20.9
With related children under 5 years only	32.6	27.7	53.1	(1/)	19.6	29.0
All people	10.8	9.5	18.7	12.9	9.6	9.8
Under 18 years	14.1	12.2	26.8	(1/)	9.6	12.2
Related children under 18 years	13.6	11.6	26.5	(1/)	9.3	11.6
Related children under 5 years	14.5	12.1	30.7	(1/)	11.0	12.5
Related children 5 to 17 years	13.2	11.4	24.8	(1/)	8.6	11.2
18 years and over	9.9	8.7	16.4	12.9	9.6	9.2
18 to 64 years	10.4	9.0	18.5	5.8	10.2	9.7
65 years and over	7.7	7.5	9.3	43.8	7.7	7.2
People in families	7.7	6.5	15.5	0.0	6.0	6.8
Unrelated individuals 15 years and over	25.1	24.1	31.6	20.0	26.0	22.1

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

Source: U.S. Census Bureau, 2012-2016 American Community Survey 5-Year Estimates, "DP03: Selected Economic Characteristics: Hawaii State, and Counties" <<https://factfinder.census.gov/faces/nav/jsf/pages/searchresults.xhtml?refresh=t>> accessed July 15, 2018.

**Table 13.28-- POVERTY INCOME GUIDELINES FOR HAWAII,  
THE UNITED STATES AND ALASKA: 2009 TO 2018**

[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. 23, 2009	12,460	16,760	21,060	25,360	29,660	33,960	38,260	42,560	4,300
Aug. 3, 2010	12,460	16,760	21,060	25,360	29,660	33,960	38,260	42,560	4,300
Jan. 20, 2011	12,540	16,930	21,320	25,710	30,100	34,490	38,880	43,270	4,390
Jan. 26, 2012	12,860	17,410	21,960	26,510	31,060	35,610	40,160	44,710	4,550
Jan. 24, 2013	13,230	17,850	22,470	27,090	31,710	36,330	40,950	45,570	4,620
Jan. 22, 2014	13,420	18,090	22,760	27,430	32,100	36,770	41,440	46,110	4,670
Jan. 22, 2015	13,550	18,330	23,110	27,890	32,670	37,450	42,230	47,010	4,780
Jan. 25, 2016	13,670	18,430	23,190	27,950	32,710	37,470	42,230	47,010	4,780
Jan. 26, 2017	13,860	18,670	23,480	28,290	33,100	37,910	42,720	47,530	4,810
Jan. 13, 2018	13,960	18,930	23,900	28,870	33,840	38,810	43,780	48,750	4,970
Jan. 23, 2009									
U.S. 1/	10,830	14,570	18,310	22,050	25,790	29,530	33,270	37,010	3,740
Alaska	13,530	18,210	22,890	27,570	32,250	36,930	41,610	46,290	4,680
Aug. 3, 2010									
U.S. 1/	10,830	14,570	18,310	22,050	25,790	29,530	33,270	37,010	3,740
Alaska	13,530	18,210	22,890	27,570	32,250	36,930	41,610	46,290	4,680
Jan. 20, 2011									
U.S. 1/	10,890	14,710	18,530	22,350	26,170	29,990	33,810	37,630	3,820
Alaska	13,600	18,380	23,160	27,940	32,720	37,500	42,280	47,060	4,780
Jan. 26, 2012									
U.S. 1/	11,170	15,130	19,090	23,050	27,010	30,970	34,930	38,890	3,960
Alaska	13,970	18,920	23,870	28,820	33,770	38,720	43,670	48,620	4,950
Jan. 24, 2013									
U.S. 1/	11,490	15,510	19,530	23,550	27,570	31,590	35,610	39,630	4,020
Alaska	14,350	19,380	24,410	29,440	34,470	39,500	44,530	49,560	5,030
Jan. 22, 2014									
U.S. 1/	11,670	15,730	19,790	23,850	27,910	31,970	36,030	40,090	4,060
Alaska	14,580	19,660	24,740	29,820	34,900	39,980	45,060	50,140	5,080
Jan. 22, 2015									
U.S. 1/	11,770	15,930	20,090	24,250	28,410	32,570	36,730	40,890	4,160
Alaska	14,720	19,920	25,120	30,320	35,520	40,720	45,920	51,120	5,200
Jan. 25, 2016									
U.S. 1/	11,880	16,020	20,160	24,300	28,440	32,580	36,730	40,890	4,160
Alaska	14,840	20,020	25,200	30,380	35,560	40,740	45,920	51,120	5,200
Jan. 26, 2017									
U.S. 1/	12,060	16,240	20,420	24,600	28,780	32,960	37,140	41,320	4,180
Alaska	15,060	20,290	25,520	30,750	35,980	41,210	46,440	51,670	5,230
Jan. 13, 2018									
U.S. 1/	12,140	16,460	20,780	25,100	29,420	33,740	38,060	42,380	4,320
Alaska	15,180	20,580	25,980	31,380	36,780	42,180	47,580	52,980	5,400

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**Table 13.28-- POVERTY INCOME GUIDELINES FOR HAWAII,  
THE UNITED STATES AND ALASKA: 2009 TO 2018 -- 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 2009 <<http://aspe.hhs.gov/poverty/09fedreg.pdf>> accessed January 26, 2009; for 2010 <<http://aspe.hhs.gov/poverty/10poverty.shtml>> accessed August 3, 2010; for 2011 <<http://aspe.hhs.gov/poverty/11poverty.shtml>> accessed March 16, 2011; for 2012 <<http://aspe.hhs.gov/poverty/12poverty.shtml>> accessed March 27, 2012; for 2013 <<http://aspe.hhs.gov/poverty/13poverty.cfm>> accessed May 15, 2013; for 2014 <<http://aspe.hhs.gov/poverty/14poverty.cfm>> accessed February 21, 2014; for 2015 <<http://aspe.hhs.gov/poverty/15poverty.cfm>> accessed February 21, 2015; for 2016 <<https://federalregister.gov/a/2016-01450>> accessed February 1, 2016; for 2017 <<https://federalregister.gov/a/2017-02076>> accessed February 1, 2017; and for 2018 <<https://www.gpo.gov/fdsys/pkg/FR-2018-01-18/pdf/2018-00814.pdf>> accessed March 7, 2018.

**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	Hono-lulu	Los Angeles	San Fran-cisco	San Diego	Port-land	Seattle	Anchor-age	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 Francisco	San Diego	Portland	Seattle	Anchorage	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	61	58	56	63	63	66	71	70	64

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: 2015-2016**

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

Item	All consumer units in the West 1/	Honolulu	Los Angeles	San Francisco	San Diego	Seattle	Phoenix	Denver	Anchorage
Average annual expenditures	63,045	66,798	64,321	75,380	77,299	74,723	59,873	69,742	73,305
Food	7,978	10,303	7,984	8,644	8,834	10,178	7,269	7,868	8,617
Food at home	4,447	5,419	4,225	4,033	4,761	5,938	4,295	4,262	4,973
Cereals and bakery products	556	599	515	497	529	623	557	570	542
Meats, poultry, fish, and eggs	940	1,299	1,022	912	1,002	1,118	951	824	1,036
Dairy products	458	438	415	406	486	525	406	413	470
Fruits and vegetables	890	1,099	919	925	877	1,223	764	885	1,121
Other food at home	1,603	1,985	1,353	1,293	1,867	2,449	1,617	1,569	1,804
Food away from home	3,531	4,885	3,760	4,611	4,074	4,240	2,974	3,606	3,644
Alcoholic beverages	602	518	512	1,135	848	713	616	637	712
Housing	21,334	24,241	23,265	30,355	27,103	24,993	19,262	22,949	23,239
Shelter	13,321	16,359	15,580	21,626	17,537	15,762	11,138	14,638	14,213
Owned dwellings	6,893	6,714	7,217	10,857	9,781	8,732	6,180	8,277	7,559
Rented dwellings	5,622	8,833	7,701	9,559	6,799	6,028	4,045	5,086	5,588
Other lodging	805	811	662	1,210	956	1,001	913	1,276	1,066
Utilities, fuels, and public services	3,714	4,047	3,672	3,688	3,783	3,722	4,076	3,833	4,542
Household operations	1,523	1,240	1,643	2,775	1,919	1,826	1,607	1,627	1,637
Housekeeping supplies	663	715	599	445	727	760	571	610	599
Household furnishings and equip.	2,113	1,880	1,771	1,821	3,136	2,923	1,868	2,241	2,248
Apparel and services	2,161	1,726	2,858	2,108	2,501	3,176	1,805	1,994	1,511
Transportation	9,747	9,486	10,038	8,957	10,552	9,997	9,017	11,483	13,978
Vehicle purchases (net outlay)	3,574	3,727	3,388	2,333	3,131	3,693	3,181	5,072	6,695
Gasoline and motor oil	2,205	1,924	2,607	1,961	2,652	1,917	2,026	1,905	2,504
Other vehicle expenses	3,113	2,414	3,370	2,824	3,745	3,144	2,839	3,202	2,954
Public and other transportation	855	1,421	672	1,838	1,025	1,244	972	1,304	1,824

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**Table 13.31-- AVERAGE ANNUAL EXPENDITURES AND OTHER CHARACTERISTICS OF CONSUMER UNITS, FOR SELECTED WESTERN METROPOLITAN STATISTICAL AREAS: 2015-2016 -- Con.**

Item	All consumer units in the West 1/	Honolulu	Los Angeles	San Francisco	San Diego	Seattle	Phoenix	Denver	Anchorage
Healthcare	4,523	3,576	3,832	4,857	4,820	4,877	4,643	5,668	4,325
Entertainment	3,260	2,997	2,664	3,136	4,475	3,981	3,090	3,760	4,313
Personal care products and services	811	746	823	842	1,137	878	775	969	791
Reading	156	138	124	198	213	190	150	162	151
Education	1,376	1,909	1,559	1,833	2,732	2,016	1,473	1,034	1,611
Tobacco products & smoking supplies	242	146	151	85	157	245	284	350	422
Miscellaneous	1,179	623	1,440	738	1,785	1,746	646	1,316	1,406
Cash contributions	2,173	3,338	1,381	2,497	2,104	2,753	1,597	3,530	2,020
Personal insurance and pensions	7,504	7,052	7,689	9,996	10,037	8,979	9,246	8,022	10,208
Life and other personal insurance	323	298	251	329	1,355	321	195	279	369
Pensions and Social Security	7,181	6,754	7,438	9,667	8,682	8,658	9,051	7,743	9,839
Number of consumer units (1,000's)	28,326	499	6,321	1,635	1,237	1,596	1,622	1,416	210
Consumer unit characteristics									
Income before taxes	82,775	89,019	76,721	118,098	93,466	104,475	79,380	105,447	104,465
Age of reference person	49.4	52.4	49.4	49.0	48.7	48.9	48.0	47.4	46.3
Average number in consumer unit									
People	2.7	2.8	2.8	2.4	2.5	2.3	2.5	2.5	2.7
Children under 18	0.7	0.6	0.7	0.5	0.6	0.5	0.7	0.6	0.7
Adults 65 and older	0.3	0.5	0.3	0.3	0.3	0.3	0.3	0.3	0.2
Earners	1.4	1.4	1.5	1.4	1.4	1.4	1.4	1.4	1.5
Vehicles	2.0	1.7	1.7	1.8	2.1	2.0	1.8	2.0	2.6
Percent homeowner	57.0	52.0	49.0	51.0	57.0	60.0	61.0	65.0	60.0

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

Source: U.S. Bureau of Labor Statistics, Selected Western Metropolitan Statistical Areas: Average Annual Expenditures and Characteristics, (August 29, 2017) <<https://www.bls.gov/cex/tables.htm>> accessed August 29, 2017.

**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]

<b>Category</b>	<b>Expenditures</b>	<b>Share</b>
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]

<b>Category</b>	<b>Honolulu</b>	<b>Maui</b>	<b>Hawaii</b>	<b>Kauai</b>
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: 2009 TO 2016**

[In millions of current dollars. 2014 and 2015 revised from previous *Data Book*]

Industry	2009	2010	2011	2012	2013	2014	2015	2016
Personal consumption expenditures (PCE)	47,822	49,604	51,740	54,124	56,076	58,878	61,317	64,460
Goods	15,373	16,056	17,058	17,905	18,540	19,447	19,868	20,623
Durable goods	4,815	4,979	5,309	5,639	5,918	6,195	6,493	6,746
Motor vehicles & parts	1,203	1,230	1,325	1,431	1,532	1,626	1,746	1,776
Furnishings & durable household equipment	1,137	1,155	1,187	1,235	1,275	1,335	1,409	1,474
Recreational goods & vehicles	1,812	1,875	1,934	2,019	2,114	2,197	2,283	2,369
Other durable goods	663	719	863	954	997	1,038	1,056	1,127
Nondurable goods	10,558	11,077	11,750	12,267	12,622	13,252	13,375	13,877
Food & beverages purchased for off-premises consumption	4,430	4,569	4,708	4,823	4,922	5,134	5,217	5,405
Clothing and footwear	948	1,010	1,118	1,206	1,223	1,266	1,271	1,301
Gasoline & other energy goods	867	990	1,150	1,138	1,079	1,039	799	746
Other nondurable goods	4,313	4,507	4,774	5,100	5,397	5,812	6,087	6,424
Services	32,449	33,549	34,681	36,219	37,535	39,431	41,448	43,837
Household consumption expenditures (for services)	30,396	31,522	32,678	34,056	35,364	37,124	39,048	41,193
Housing and utilities	10,502	10,940	11,219	11,531	11,888	12,241	12,555	13,060
Health care	6,954	7,187	7,543	7,884	8,158	8,558	9,169	9,858
Transportation services	1,198	1,222	1,278	1,381	1,468	1,578	1,640	1,774
Recreation services	1,410	1,455	1,537	1,751	1,859	1,937	1,960	1,973
Food services & accom.	2,137	2,236	2,410	2,633	2,764	2,939	3,121	3,299
Financial services & insurance	3,326	3,534	3,630	3,585	3,759	4,042	4,323	4,530
Other services	4,869	4,948	5,062	5,290	5,469	5,829	6,280	6,700
Final consumption expenditures of nonprofit institutions serving households (NPISHs)	2,053	2,027	2,004	2,163	2,171	2,306	2,400	2,644
Gross output of nonprofit institutions	5,640	5,800	5,997	6,411	6,572	6,986	7,388	7,921
Less: Receipts from sales of goods & serv. by nonprof. inst.	3,587	3,774	3,994	4,247	4,400	4,680	4,988	5,277

Source: U.S. Bureau of Economic Analysis, Interactive Tables: Personal Income and Employment, Personal Consumption Expenditures, By State: 1997-2016

<<https://www.bea.gov/itable/iTable.cfm?ReqID=70&step=1#reqid=70&step=1&isuri=1>> accessed October 4, 2017. See also "Personal Consumption Expenditures, By State: 2016" (October 4, 2017) <<https://www.bea.gov/newsreleases/regional/pce/2017/pdf/pce1017.pdf>> accessed October 4, 2017.

**Table 13.38-- PERSONAL CONSUMPTION EXPENDITURES PER CAPITA,  
BY MAJOR TYPE OF PRODUCT: 2009 TO 2016**

[In current dollars. Reflect Census Bureau midyear population estimates for years 2010-2016 available as of December 2016. Per capita values are computed from unrounded data. 2009 to 2015 revised from previous *Data Book*]

Industry	2009	2010	2011	2012	2013	2014	2015	2016
Personal consumption expend. (PCE) per cap.	35,510	36,367	37,552	38,888	39,870	41,570	43,025	45,123
Goods	11,415	11,771	12,381	12,865	13,181	13,731	13,941	14,436
Durable goods	3,575	3,650	3,853	4,052	4,208	4,374	4,556	4,722
Motor vehicles & parts	893	902	962	1,028	1,089	1,148	1,225	1,243
Furnishings & durable household equipment	844	847	861	887	907	943	989	1,032
Rec. goods & vehicles	1,345	1,375	1,404	1,451	1,503	1,551	1,602	1,658
Other durable goods	493	527	626	685	709	733	741	789
Nondurable goods	7,840	8,121	8,528	8,814	8,973	9,356	9,385	9,714
Food & bev. purchased for off-premises consumption	3,290	3,350	3,417	3,465	3,500	3,625	3,661	3,784
Clothing and footwear	704	740	811	866	870	894	892	911
Gasoline & other energy goods	644	726	835	818	767	734	561	522
Other nondurable goods	3,203	3,304	3,465	3,664	3,837	4,104	4,271	4,497
Services	24,095	24,596	25,171	26,023	26,689	27,840	29,083	30,686
Household consumption expenditures (for services)	22,570	23,111	23,717	24,468	25,144	26,211	27,399	28,836
Housing and utilities	7,798	8,021	8,142	8,285	8,452	8,642	8,810	9,142
Health care	5,164	5,269	5,474	5,665	5,800	6,042	6,433	6,901
Transportation services	889	896	928	992	1,044	1,114	1,151	1,242
Recreation services	1,047	1,067	1,115	1,258	1,322	1,368	1,375	1,381
Food services & accom.	1,587	1,639	1,749	1,892	1,965	2,075	2,190	2,309
Financial services & insur.	2,470	2,591	2,635	2,576	2,673	2,854	3,034	3,171
Other services	3,615	3,628	3,674	3,801	3,888	4,116	4,406	4,690
Final cons. expend. of of nonprofit inst. serving households (NPISHs)	1,524	1,485	1,454	1,555	1,544	1,628	1,684	1,851
Gross output of nonprofit institutions	4,188	4,252	4,352	4,606	4,673	4,933	5,184	5,545
Less: Receipts from sales of goods & serv. by nonprof. inst.	2,663	2,767	2,899	3,051	3,128	3,304	3,500	3,694

Source: U.S. Bureau of Economic Analysis, Interactive Tables, Personal Consumption Expenditures, By State: 1997-2016 <<http://www.bea.gov/itable/iTable.cfm?ReqID=70&step=1#reqid=70&step=1&isuri=1>> accessed October 4, 2017. See also <[https://www.bea.gov/newsreleases/regional/pce/pce\\_newsrelease.htm](https://www.bea.gov/newsreleases/regional/pce/pce_newsrelease.htm)>.

**Table 13.39-- PERSONAL CONSUMPTION EXPENDITURES PER CAPITA  
FOR THE UNITED STATES AVERAGE, THE 50 STATES AND THE  
DISTRICT OF COLUMBIA: 2009 TO 2016**

[In current dollars. 2010-2015 revised from previous *Data Book*]

State	2009	2010	2011	2012	2013	2014	2015	2016
U.S. average	32,077	32,962	34,275	35,172	35,912	37,224	38,417	39,664
Hawaii	35,510	36,367	37,552	38,888	39,870	41,570	43,025	45,123
Hawaii as % of U.S.	110.7	110.3	109.6	110.6	111.0	111.7	112.0	113.8
Alabama	26,297	27,094	28,063	28,566	29,161	29,872	30,577	31,336
Alaska	40,525	41,540	43,499	44,420	45,507	47,262	48,700	49,547
Arizona	29,628	30,269	31,279	31,777	32,394	33,295	33,922	34,580
Arkansas	25,761	26,330	27,434	28,077	28,640	29,365	30,051	31,117
California	33,193	34,068	35,384	36,490	37,069	38,548	40,136	41,827
Colorado	34,308	34,820	36,262	37,104	37,770	39,643	41,153	42,648
Connecticut	40,269	41,136	42,362	43,203	44,077	45,896	47,027	48,497
Delaware	35,859	36,798	38,127	38,684	39,599	40,719	41,882	42,868
Dist. of Col.	47,339	48,476	50,140	50,993	51,502	53,396	55,250	56,843
Florida	31,105	31,952	33,159	33,848	34,632	36,073	37,597	38,644
Georgia	28,099	28,809	30,052	30,708	31,530	32,687	33,572	34,657
<b>Hawaii</b>	<b>35,510</b>	<b>36,367</b>	<b>37,552</b>	<b>38,888</b>	<b>39,870</b>	<b>41,570</b>	<b>43,025</b>	<b>45,123</b>
Idaho	27,316	27,997	28,946	29,462	30,442	31,470	32,610	33,653
Illinois	33,338	34,245	35,577	36,529	37,223	38,684	40,168	41,772
Indiana	29,217	30,052	31,191	32,114	32,611	33,601	34,499	35,633
Iowa	30,477	31,241	32,713	33,496	34,122	35,243	36,054	37,005
Kansas	29,666	30,105	31,429	32,275	32,926	34,101	35,004	35,984
Kentucky	27,518	28,279	29,341	30,099	30,485	31,161	32,172	33,288
Louisiana	28,115	28,834	30,000	30,754	31,593	32,568	33,418	34,181
Maine	35,734	36,847	38,040	38,783	39,506	40,753	41,755	43,021
Maryland	36,928	37,890	38,981	39,947	40,617	41,890	43,235	44,748
Massachusetts	41,653	42,978	44,296	45,437	46,314	48,053	49,991	51,981
Michigan	31,126	32,050	33,516	34,333	35,137	36,502	37,853	39,332
Minnesota	35,171	36,061	37,572	38,654	39,530	40,844	42,290	43,930
Mississippi	25,018	25,871	26,932	27,559	28,118	28,728	29,406	30,200
Missouri	31,062	31,710	33,030	34,080	34,697	35,457	36,568	37,526
Montana	32,294	33,351	34,721	35,952	37,062	38,503	39,977	41,204
Nebraska	31,402	32,374	33,835	34,779	35,559	36,757	37,728	38,970
Nevada	30,286	30,882	32,053	32,666	33,310	34,287	35,201	36,177
New Hampshire	39,956	40,851	42,464	43,322	44,493	46,018	47,322	48,810
New Jersey	40,351	41,314	42,547	43,557	44,486	45,970	47,422	48,972

Continued on next page.

**Table 13.39-- PERSONAL CONSUMPTION EXPENDITURES PER CAPITA  
FOR THE UNITED STATES AVERAGE, THE 50 STATES AND THE  
DISTRICT OF COLUMBIA: 2009 TO 2016 -- Con.**

State	2009	2010	2011	2012	2013	2014	2015	2016
New Mexico	29,216	29,843	31,030	31,912	32,558	33,838	34,717	35,699
New York	36,730	38,056	39,610	40,661	41,713	43,735	45,104	46,906
North Carolina	27,182	28,086	28,970	29,849	30,619	31,814	32,740	33,779
North Dakota	34,366	36,729	40,125	43,825	45,583	48,156	48,186	48,225
Ohio	30,322	31,251	32,611	33,651	34,379	35,450	36,483	37,449
Oklahoma	26,885	27,749	29,253	30,242	30,851	32,038	32,513	32,978
Oregon	31,609	32,383	33,700	34,440	35,429	37,095	38,621	39,742
Pennsylvania	33,440	34,469	35,865	36,679	37,394	38,478	39,626	40,886
Rhode Island	35,095	35,992	36,912	37,533	38,340	39,836	41,130	42,454
South Carolina	27,577	28,719	29,596	30,098	30,586	31,516	32,260	33,266
South Dakota	31,923	33,145	34,630	35,576	36,357	37,462	38,408	39,475
Tennessee	27,673	28,789	30,113	30,700	31,214	32,163	33,210	34,219
Texas	29,132	29,927	31,553	32,603	33,427	34,820	35,699	36,537
Utah	28,170	28,456	29,383	30,345	31,252	32,401	33,729	35,114
Vermont	37,950	39,239	40,777	41,949	43,392	44,960	46,228	47,648
Virginia	34,620	35,565	36,873	37,746	38,291	39,278	40,392	41,632
Washington	34,722	35,447	36,762	37,828	38,735	40,232	41,637	42,922
West Virginia	27,669	28,737	30,067	30,886	31,584	32,389	33,410	34,418
Wisconsin	32,056	32,760	34,022	34,592	35,383	36,559	37,610	38,788
Wyoming	33,637	34,623	36,590	37,178	37,722	39,253	39,692	40,327

Source: U.S. Bureau of Economic Analysis, Interactive Tables: Personal Income and Employment, Personal Consumption Expenditures, By State: 1997-2016 <<http://www.bea.gov/regional/index.htm#data>> accessed October 4, 2017. See also "Personal Consumption Expenditures, By State: 2016" (October 4, 2017) <<https://www.bea.gov/newsreleases/regional/pce/2017/pdf/pce1017.pdf>> accessed October 4, 2017.

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

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

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

Continued on next page.

### Table 13.40-- TOP WEALTHHOLDERS: 1962 TO 2013 -- Con.

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

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

Source: U.S. Internal Revenue Service, *Statistics of Income -1962, Personal Wealth* (1967), pp. 55-56; *Statistics of Income -1969, Personal Wealth* (1973), pp. 57-58; *Statistics of Income- 1972, Personal Wealth Estimated from Estate Tax Returns* (1976), table 33; and *Statistics of Income Bulletin, Summer 1983*, pp. 1-26, *Spring 1988*, pp. 31-46; *Spring 1990*, pp. 63-78; *Spring 1993*, pp. 105-121; *Winter 1997-98*, and *Winter 1999-2000*, Table 6. Also, <[http://www.irs.ustreas.gov/prod/tax\\_stats/soi/soi\\_bul.html](http://www.irs.ustreas.gov/prod/tax_stats/soi/soi_bul.html)> and for 1995 <[http://www.irs.treas.gov/prod/tax\\_stats/soi/est\\_pw.html/95PWART.EXE](http://www.irs.treas.gov/prod/tax_stats/soi/est_pw.html/95PWART.EXE)> accessed July 26, 2002; and *Winter 2002-2003 Issue, Personal Wealth 1998*, table 6 <<http://www.irs.ustreas.gov/pub/irs-soi/98pwart.pdf>> accessed September 28, 2003 and IRS Tax Stats "Top Wealthholders with Net Worth of \$1 Million or more by State of Residence: 1998", table 7, and Ibid. 2001, table 6 <<http://www.irs.gov/taxstats/article/0,,id=225455,00.htm>> accessed September 18, 2006; "Top Wealthholders with Net Worth of \$1.5 Million or more by State of Residence: 2004", table 6 <<http://www.irs.gov/taxstats/article/0,,id=225455,00.html>> accessed August 25, 2008; Ibid. "Table 6 - Personal Wealth 2007: Top Wealth Holders with Net Worth of \$2.0 Million or More, Net Worth and Selected Assets, by State of Residence" <<https://www.irs.gov/uac/soi-tax-stats-personal-wealth-statistics>> accessed March 5, 2012; Ibid. 2013 <<https://www.irs.gov/uac/soi-tax-stats-personal-wealth-statistics>> accessed January 18, 2018; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

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

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

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

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



**Table 13.42-- NET WORTH OF RICHEST RESIDENTS: 2006 TO 2017**

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

Name	Residence	Age (yrs)	Net worth (million dollars)	Rank	Primary sources
2006 Anthony, Barbara Cox 1/	Honolulu	83	12,600	17	Inheritance (Cox Enterprises, newspapers, cable TV)
2008 Omidyar, Pierre	Honolulu	41	6,300	54	Self made, launched Ebay on-line auction 1995, technology
2009 Omidyar, Pierre	Honolulu	42	5,500	40	Self made, launched Ebay on-line auction 1995, technology
2010 Omidyar, Pierre	Honolulu	43	5,500	47	Self made, launched Ebay on-line auction 1995, technology
2011 Omidyar, Pierre	Honolulu	44	6,200	50	Self made, launched Ebay on-line auction 1995, technology
2012 Omidyar, Pierre	Honolulu	45	8,200	42	Self made, launched Ebay on-line auction 1995, technology
2013 Omidyar, Pierre	Honolulu	46	8,500	47	Self made, launched Ebay on-line auction 1995, technology
2014 Omidyar, Pierre	Honolulu	47	8,200	59	Self made, launched Ebay on-line auction 1995, technology
2015 Omidyar, Pierre	Honolulu	48	8,400	57	Self made, launched Ebay on-line auction 1995, technology
2016 Omidyar, Pierre	Honolulu	49	8,100	54	Self made, launched Ebay on-line auction 1995, technology
2017 Omidyar, Pierre 2/	Honolulu	50	9,600	48	Self made, launched Ebay on-line auction 1995, technology

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

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

Source: *Forbes*, "The Forbes 400 Richest Americans, 2006" <<http://www.forbes.com/400richest/>> accessed September 22, 2006; for 2008 accessed September 17, 2008; for 2009 accessed October 19, 2009; for 2010 accessed October 1, 2010; for 2011 accessed September 21, 2011; for 2012 accessed September 19, 2012; for 2013 accessed October 3, 2013; for 2014 accessed March 18, 2015; for 2015 accessed October 28, 2015; for 2016 accessed October 18, 2016; and for 2017 <<http://www.forbes.com/wealth/forbes-400/list>> accessed January 18, 2018.

**Table 13.43-- HOUSEHOLD DEBT PER CAPITA FOR HAWAII AND  
THE UNITED STATES AVERAGE: 1999 TO 2017**

[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	3,620	1,103,340
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
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	5,150	268,000,000

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**Table 13.43-- HOUSEHOLD DEBT PER CAPITA FOR HAWAII AND  
THE UNITED STATES AVERAGE: 1999 TO 2017 -- Con.**

- 1/ For the fourth quarter of the year indicated.
- 2/ Includes components not shown separately.
- 3/ Ages 18 years and older and with credit file with Equifax.
- 4/ 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. 2003-2017 (February 2018)  
<[https://www.newyorkfed.org/medialibrary/Interactives/householdcredit/data/xls/area\\_report\\_by\\_year.xlsx](https://www.newyorkfed.org/medialibrary/Interactives/householdcredit/data/xls/area_report_by_year.xlsx)>  
accessed July 24, 2018.

**Table 13.44-- HOUSEHOLD DEBT DELINQUENCY PER CAPITA FOR HAWAII AND THE UNITED STATES AVERAGE: 1999 TO 2017**

[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)>]

<b>Year 1/</b>	<b>Auto loan delinquency</b>	<b>Credit card delinquency</b>	<b>Mortgage delinquency</b>	<b>Student loan delinquency</b>
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	1.29	10.21
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	1.17	(NA)

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**Table 13.44-- HOUSEHOLD DEBT DELINQUENCY PER CAPITA FOR  
HAWAII AND THE UNITED STATES AVERAGE: 1999 TO 2017 -- Con.**

NA Not available.

1/ For the fourth quarter of the year indicated.

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

Source: Federal Reserve Bank of New York, "State Level Household Debt Statistics 1999-2016" (May 2017) accessed June 13, 2017; and Ibid. 2003-2017 (February 2018)  
<[https://www.newyorkfed.org/medialibrary/Interactives/householdcredit/data/xls/area\\_report\\_by\\_year.xlsx](https://www.newyorkfed.org/medialibrary/Interactives/householdcredit/data/xls/area_report_by_year.xlsx)>  
accessed July 24, 2018.

**Table 13.45-- HOUSEHOLD DEBT PER CAPITA FOR EACH OF THE 50 STATES, THE DISTRICT OF COLUMBIA, PUERTO RICO, AND THE UNITED STATES AVERAGE: 2017**

[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)	46,950	4,340	2,930	31,590	4,920
Dist. of Columbia	1	84,380	3,010	3,920	62,080	12,000
<b>Hawaii</b>	2	71,170	3,650	3,860	54,680	3,620
California	3	70,100	4,380	3,420	54,640	4,300
Maryland	4	70,010	5,110	3,780	50,900	6,450
Colorado	5	68,450	4,630	3,530	50,900	5,950
Virginia	6	65,050	4,650	3,760	47,370	5,590
Massachusetts	7	63,070	3,810	3,490	45,760	5,860
Washington	8	62,560	4,200	3,380	47,110	4,280
Connecticut	9	58,860	3,600	3,730	41,790	5,660
Alaska	10	57,850	5,010	4,270	41,580	4,070
New Jersey	11	57,830	3,910	3,910	40,320	5,690
Utah	12	56,920	5,020	2,930	41,830	4,120
New Hampshire	13	54,570	5,220	3,420	35,930	5,990
Delaware	14	53,390	4,750	3,260	36,840	5,050
Minnesota	15	53,260	3,950	3,200	36,950	5,990
Oregon	16	53,020	3,770	2,940	37,930	5,440
Arizona	17	51,300	4,890	3,140	35,680	5,000
Nevada	18	50,320	5,020	3,210	35,730	4,040
New York	19	49,030	3,560	3,710	32,380	5,780
Rhode Island	20	48,850	3,610	3,240	33,080	5,040
Georgia	21	46,730	5,260	3,130	28,620	6,720
Idaho	22	46,270	4,450	2,740	31,070	4,780
Wyoming	23	46,180	5,240	2,960	31,910	3,210
Illinois	24	45,670	4,090	3,130	30,260	5,560
Vermont	25	45,120	4,860	2,970	28,440	5,440
North Carolina	26	44,780	4,910	2,880	28,590	4,980
Montana	27	44,200	4,080	2,840	29,880	4,380
Florida	28	43,400	4,960	3,290	27,120	4,800
Maine	29	42,230	5,020	2,970	26,100	4,990
North Dakota	30	42,220	4,630	2,680	26,000	5,570
South Carolina	31	42,080	4,330	2,750	26,230	5,110
Texas	32	41,650	6,520	3,140	25,030	4,740

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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: 2017 -- Con.**

Year 1/	Rank 2/	Total 3/	Auto loan	Credit card	Mortgage	Student loan
Pennsylvania	33	41,450	4,000	3,030	24,980	5,880
South Dakota	34	41,130	4,350	2,780	25,500	5,080
Tennessee	35	39,880	4,440	2,480	24,910	4,760
Nebraska	36	39,400	4,030	2,790	25,250	5,000
Wisconsin	37	39,120	3,580	2,630	25,730	4,730
Iowa	38	38,920	4,370	2,450	24,580	5,060
New Mexico	39	38,680	5,190	2,650	24,580	4,050
Missouri	40	38,420	4,180	2,620	23,940	5,280
Michigan	41	37,640	3,690	2,610	23,130	5,610
Kansas	42	37,320	4,000	2,780	23,330	5,070
Indiana	43	37,210	4,110	2,500	22,810	5,190
Ohio	44	37,160	4,190	2,680	21,500	5,860
Louisiana	45	36,720	5,550	2,440	20,820	4,960
Alabama	46	36,060	4,780	2,370	21,000	4,660
Oklahoma	47	33,890	5,050	2,550	19,830	4,150
Kentucky	48	33,660	3,780	2,280	20,010	4,630
Arkansas	49	32,220	5,240	2,300	18,200	4,340
Mississippi	50	30,920	4,840	2,020	15,230	5,490
West Virginia	51	28,790	4,500	2,240	15,240	4,030
Puerto Rico	(X)	(NA)	2,320	(NA)	(NA)	(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 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 2003-2017 (February 2018) <[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 27, 2018; and calculations by the Hawaii State Department of Business, Economic Development & Tourism.