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Section 13

INCOME, EXPENDITURES, AND WEALTH

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

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

Table 13.01-- HAWAII GENUINE PROGRESS INDICATOR (GPI): 2000 TO 2022

[In billions of 2020 constant dollars. GPI is an indicator of economic welfare representing the costs and benefits of economic activity and can be decomposed into its constituent parts related to the economy, society and environment. 2000 to 2021 revised from previous *Data Book*]

Year	Total GPI	Economic indicators	Social indicators	Environmental indicators
2000	44.72	22.16	28.66	-6.09
2001	44.44	22.86	27.79	-6.14
2002	45.02	23.45	28.40	-6.73
2003	45.49	24.43	28.32	-7.15
2004	46.01	24.53	29.02	-7.54
2005	46.88	25.67	29.20	-7.87
2006	48.72	27.23	29.61	-7.91
2007	49.99	27.53	30.69	-8.22
2008	52.65	28.16	30.58	-6.00
2009	53.72	27.59	32.04	-5.94
2010	52.88	27.41	32.17	-6.71
2011	53.46	27.40	32.89	-6.82
2012	54.38	27.97	33.08	-6.57
2013	56.19	28.93	33.89	-6.59
2014	56.43	28.38	34.32	-6.30
2015	58.56	28.25	36.65	-6.37
2016	62.89	31.47	37.89	-6.30
2017	64.53	30.96	40.12	-6.58
2018	64.72	31.62	39.67	-6.52
2019	64.55	31.50	39.64	-6.61
2020	64.60	30.11	38.41	-3.86
2021	66.98	29.26	42.63	-5.07
2022	67.16	31.53	41.66	-5.83

Source: Hawaii State Department of Business, Economic Development & Tourism, Research & Economic Analysis Division, "Hawaii Genuine Progress Indicator (HI GPI)" <<https://dbedt.hawaii.gov/economic/hawaii-genuine-progress-indicator-hi-gpi/>> accessed March 28, 2024.

**Table 13.02-- GROSS DOMESTIC PRODUCT, TOTAL AND PER CAPITA
AND RESIDENT POPULATION: 1997 TO 2023**

[The North American Industry Classification System (NAICS) 2017 is the basis for 1997 to 2023]

Year and category	Total		Per capita		Resident population 2/
	Current dollars (\$M.)	Chained 2017 dollars (\$M.) 1/	Current dollars 2/	Chained 2017 dollars 1/	
1997	37,702	60,620	31,116	50,032	1,211,640
1998	37,503	58,946	30,861	48,506	1,215,233
1999	38,970	59,612	32,199	49,254	1,210,300
2000	41,089	60,746	33,860	50,057	1,213,519
2001	42,500	60,446	34,667	49,306	1,225,948
2002	44,950	62,355	36,261	50,302	1,239,613
2003	48,421	65,624	38,701	52,451	1,251,154
2004	52,626	69,332	41,321	54,439	1,273,569
2005	57,212	72,942	44,257	56,425	1,292,729
2006	60,848	74,893	46,458	57,182	1,309,731
2007	64,106	76,434	48,725	58,095	1,315,675
2008	65,546	76,830	49,200	57,671	1,332,213
2009	64,464	74,119	47,868	55,036	1,346,717
2010	66,739	76,130	48,891	55,770	1,365,064
2011	68,801	77,174	49,678	55,724	1,384,943
2012	71,646	78,694	50,992	56,009	1,405,024
2013	74,599	80,535	52,417	56,588	1,423,171
2014	77,043	81,305	53,718	56,690	1,434,212
2015	81,410	83,858	56,282	57,974	1,446,479
2016	84,287	85,670	57,850	58,799	1,457,008
2017	87,436	87,436	59,955	59,955	1,458,361
2018	90,934	88,836	62,275	60,839	1,460,183
2019	93,356	88,945	64,073	61,045	1,457,034
2020	84,615	79,593	58,308	54,847	3/ 1,451,181
2021	93,090	84,122	64,344	58,145	3/ 1,446,745
2022	101,083	85,211	70,226	59,199	3/ 1,439,399
2023	108,023	86,888	75,270	60,543	1,435,138

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

2/ U.S. Census Bureau midyear population estimates as available as of December 2021. BEA produced intercensal annual state population statistics for 2010 to 2019 that are tied to the Census Bureau decennial counts for 2010 and 2020 as the Census Bureau has not yet produced these data. 2020 to 2023 are Census-released state population data which are based on the 2020 decennial counts.

3/ Revised from previous *Data Book*.

Source: U.S. Bureau of Economic Analysis, Gross Domestic Product by State (May 23, 2024) <<https://apps.bea.gov/itable/?ReqID=70&step=1>> accessed May 23, 2024; Ibid. SAINC1 Personal Income Summary (March 29, 2024) <<https://apps.bea.gov/itable/?ReqID=70&step=1>> accessed March 29, 2024; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

Table 13.03-- GROSS DOMESTIC PRODUCT, HAWAII AND THE UNITED STATES: 1997 TO 2023

[The North American Industry Classification System (NAICS) 2017 is the basis for 1997 to 2023]

Year and category	Hawaii			United States		
	Millions of dollars		Chained quantity index 1/ (2017=100)	Millions of dollars		Chained quantity index 1/ (2017=100)
	Current	Real 1/ (chained 2017 dollars)		Current	Real 1/ (chained 2017 dollars)	
1997	37,702	60,620	69.331	8,577,552	12,370,299	63.075
1998	37,503	58,946	67.416	9,062,817	12,924,876	65.903
1999	38,970	59,612	68.178	9,631,172	13,543,774	69.058
2000	41,089	60,746	69.474	10,250,952	14,096,033	71.874
2001	42,500	60,446	69.132	10,581,929	14,230,726	72.561
2002	44,950	62,355	71.315	10,929,108	14,472,712	73.795
2003	48,421	65,624	75.053	11,456,450	14,877,312	75.858
2004	52,626	69,332	79.294	12,217,196	15,449,757	78.777
2005	57,212	72,942	83.423	13,039,197	15,987,957	81.521
2006	60,848	74,893	85.654	13,815,583	16,433,148	83.791
2007	64,106	76,434	87.417	14,474,228	16,762,445	85.470
2008	65,546	76,830	87.870	14,769,862	16,781,485	85.567
2009	64,464	74,119	84.769	14,478,067	16,349,110	83.362
2010	66,739	76,130	87.069	15,048,971	16,789,750	85.609
2011	68,801	77,174	88.263	15,599,732	17,052,410	86.948
2012	71,646	78,694	90.001	16,253,970	17,442,759	88.939
2013	74,599	80,535	92.107	16,880,683	17,812,167	90.822
2014	77,043	81,305	92.987	17,608,138	18,261,714	93.115
2015	81,410	83,858	95.907	18,295,019	18,799,622	95.857
2016	84,287	85,670	97.980	18,804,913	19,141,672	97.601
2017	87,436	87,436	100.000	19,612,102	19,612,102	100.000
2018	90,934	88,836	101.601	20,656,516	20,193,896	102.967
2019	93,356	88,945	101.726	21,521,395	20,692,087	105.507
2020	84,615	79,593	91.029	21,322,950	20,234,074	103.171
2021	93,090	84,122	96.209	23,594,031	21,407,692	109.156
2022	101,083	85,211	97.455	25,744,108	21,822,037	111.268
2023	108,023	86,888	99.373	27,360,935	22,376,906	114.097

1/ Real Gross Domestic Product (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.

Source: U.S. Bureau of Economic Analysis, Gross Domestic Product by State (May 23, 2024)
 <<https://apps.bea.gov/itable/?ReqID=70&step=1>> accessed May 23, 2024.

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

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

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

1/ Less than \$500,000.

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

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

Table 13.05-- GROSS DOMESTIC PRODUCT, BY NAICS INDUSTRY: 2017 TO 2023

[In millions of current dollars. Based on the 2017 North American Industry Classification System (NAICS) basis. 2017 to 2022 data revised from previous *Data Book*]

Industry	2017	2018	2019	2020	2021	2022	2023
Total, all industries	87,436.4	90,933.5	93,356.2	84,615.2	93,089.8	101,082.6	108,022.8
Private industries	69,194.8	72,695.7	74,884.1	65,741.4	73,531.5	81,309.3	87,337.0
Agri., forestry, fish., & hunting	492.8	435.7	394.2	384.2	473.3	517.0	590.2
Mining, quar., gas & oil extraction	55.1	68.0	62.8	73.4	82.2	87.2	68.0
Utilities	1,848.5	1,879.3	1,861.7	1,922.3	2,215.3	2,519.2	2,570.5
Construction	5,274.4	5,269.1	5,610.0	5,583.7	5,642.3	5,714.9	6,178.5
Manufacturing	1,565.9	1,700.7	1,450.8	1,307.5	1,468.8	1,710.3	1,846.2
Wholesale trade	2,830.5	2,855.6	3,035.6	2,882.9	2,993.5	3,257.8	3,308.2
Retail trade	6,133.8	6,510.9	6,620.9	6,062.6	6,778.9	7,692.1	8,257.4
Trans. & warehousing	4,788.3	4,825.2	5,392.2	2,992.6	4,155.7	5,136.8	5,324.6
Information	1,985.0	2,184.1	2,031.0	1,889.9	2,349.8	2,426.0	2,631.5
Finance and insurance	3,204.2	3,372.3	3,505.7	3,667.3	3,966.6	4,077.7	4,315.3
Real estate, rental, & leasing	14,841.4	15,356.7	15,938.3	15,694.5	16,660.0	17,418.9	18,648.0
Prof., scientific & tech. serv.	3,660.6	3,795.8	3,869.5	3,681.6	4,179.6	4,503.6	4,881.5
Mgt of companies & enterprises	1,092.6	1,127.4	1,179.9	1,081.3	1,116.4	1,255.0	1,302.1
Administrative & waste services	3,047.9	3,185.9	2,762.3	2,518.9	2,615.5	2,949.3	3,158.3
Educational services	956.4	987.5	1,015.3	939.9	1,022.7	1,116.4	1,203.2
Health care & social assistance	5,998.6	6,296.3	6,654.1	6,768.1	7,190.0	7,466.8	7,838.5
Arts, entertainment, & recreation	9,335.4	10,631.4	11,184.2	6,232.9	8,386.7	11,000.8	12,575.0
Accommodation & food services	8,326.3	9,528.8	9,993.5	5,514.6	7,408.6	9,699.4	11,053.7
Accommodation	5,211.5	6,209.3	6,308.0	3,292.7	4,296.4	6,100.1	(NA)
Food serv. & drinking places	3,114.7	3,319.4	3,685.5	2,221.9	3,112.2	3,599.2	(NA)
Other services, exc. gov't	2,083.3	2,213.6	2,315.8	2,057.8	2,234.2	2,459.5	2,639.9
Government	18,241.6	18,237.9	18,472.1	18,873.8	19,558.4	19,773.3	20,685.8
Federal civilian	4,502.2	4,694.4	4,889.4	5,093.7	5,371.2	5,616.0	6,025.7
Federal military	5,586.3	5,133.6	5,041.7	5,222.9	5,658.3	5,604.2	5,967.4
State & local	8,153.1	8,409.8	8,540.9	8,557.3	8,528.9	8,553.1	8,692.6

Continued on next page.

Table 13.05-- GROSS DOMESTIC PRODUCT, BY NAICS INDUSTRY: 2017 TO 2023

NA Not available.

Source: U.S. Bureau of Economic Analysis, Gross Domestic Product By State, SAGDP2N (March 29, 2024)
<<https://apps.bea.gov/itable/?ReqID=70&step=1>> accessed March 29, 2024.

Table 13.06-- GROSS DOMESTIC PRODUCT, BY NAICS INDUSTRY, IN CONSTANT DOLLARS: 2017 TO 2023

[In millions of chained 2017 dollars. Based on the 2017 North American Industry Classification System (NAICS) basis. 2017 to 2022 revised from previous *Data Book*]

Industry	2017	2018	2019	2020	2021	2022	2023
Total, all industries	87,436.4	88,836.4	88,945.3	79,592.5	84,121.5	85,211.4	86,887.7
Private industries	69,194.8	71,148.2	71,419.5	62,247.9	66,714.1	68,251.1	69,880.2
Agri., forestry, fishing, & hunting	492.8	453.5	417.1	416.0	385.1	325.8	425.8
Mining	55.1	65.8	60.5	70.9	67.0	61.3	71.4
Utilities	1,848.5	1,814.2	1,758.8	1,853.0	1,813.6	1,830.4	2,033.6
Construction	5,274.4	5,119.1	5,193.5	5,024.4	4,940.3	4,339.6	4,295.2
Manufacturing	1,565.9	1,566.1	1,384.4	1,335.2	1,317.7	1,296.3	1,330.9
Wholesale trade	2,830.5	2,770.9	2,790.8	2,661.7	2,522.4	2,415.3	2,307.9
Retail trade	6,133.8	6,492.4	6,496.1	5,606.1	5,481.7	5,610.0	6,141.7
Trans. & warehousing	4,788.3	4,819.1	5,075.5	3,102.2	4,214.2	4,447.8	4,544.5
Information	1,985.0	2,215.1	2,081.4	1,948.6	2,480.7	2,589.7	2,810.9
Finance and insurance	3,204.2	3,171.9	3,268.2	3,351.8	3,592.3	3,423.9	3,402.2
Real estate, rental, & leasing	14,841.4	15,014.1	15,138.8	14,510.0	15,140.1	15,185.8	15,238.4
Prof., scientific & tech. services	3,660.6	3,775.7	3,822.6	3,602.1	4,102.3	4,343.1	4,556.8
Mgt of companies & enterprises	1,092.6	1,146.6	1,226.5	1,151.5	1,202.9	1,369.2	1,386.9
Administrative & waste services	3,047.9	3,150.1	2,669.0	2,381.3	2,429.1	2,625.8	2,656.2
Educational services	956.4	963.7	966.4	869.8	919.9	984.2	1,015.7
Health care & social assistance	5,998.6	6,215.6	6,456.9	6,410.3	6,626.4	6,714.7	6,767.4
Arts, entertainment, & recreation	1,009.2	1,076.2	1,130.8	651.2	880.5	1,137.9	1,226.6
Accommodation & food services	8,326.3	9,160.5	9,302.5	5,382.8	6,835.7	7,908.6	8,112.7
Accommodation	5,211.5	5,945.4	5,861.0	3,442.2	4,203.6	5,091.9	(NA)
Food serv. & drinking places	3,114.7	3,213.9	3,441.7	1,944.9	2,612.1	2,817.1	(NA)
Other services, exc. gov't	2,083.3	2,162.4	2,176.6	1,850.2	1,927.8	1,961.6	1,890.5
Government	18,241.6	17,691.8	17,530.7	17,317.1	17,400.7	16,953.0	16,989.4
Federal civilian	4,502.2	4,550.4	4,636.8	4,759.9	4,835.6	4,797.2	4,930.1
Federal military	5,586.3	4,976.1	4,781.2	4,880.6	5,094.2	4,787.2	4,880.7
State & local	8,153.1	8,165.5	8,112.8	7,683.2	7,485.4	7,382.1	7,189.1

NA Not available.

Source: U.S. Bureau of Economic Analysis, Gross Domestic Product By State SAGDP9N (March 29, 2024)

<<https://www.bea.gov/itable/iTable.cfm?ReqID=70&step=1>> accessed March 29, 2024.

Table 13.07-- TOTAL AND PER CAPITA PERSONAL INCOME FOR HAWAII AND THE UNITED STATES: 1969 TO 2023

Year	Personal income (millions of dollars)		Resident population 1/		Per capita personal income 2/		Hawaii as percent of U.S. average
	Hawaii	U.S.	Hawaii	U.S.	Dollars		
					Hawaii	U.S.	
1969	3,643	791,229	743,000	201,298,000	4,903	3,931	124.7
1970	4,225	855,525	762,920	203,798,722	5,538	4,198	131.9
1971	4,584	924,613	791,580	206,817,509	5,791	4,471	129.5
1972	5,048	1,016,408	818,104	209,274,882	6,170	4,857	127.0
1973	5,593	1,133,468	841,851	211,349,205	6,643	5,363	123.9
1974	6,361	1,244,912	858,121	213,333,635	7,412	5,836	127.0
1975	6,919	1,362,505	875,052	215,456,585	7,907	6,324	125.0
1976	7,466	1,495,704	892,335	217,553,859	8,367	6,875	121.7
1977	8,084	1,651,632	915,749	219,760,875	8,828	7,516	117.5
1978	8,954	1,855,849	928,816	222,098,244	9,640	8,356	115.4
1979	3/ 10,044	3/ 2,073,296	950,050	224,568,579	3/ 10,572	3/ 9,232	3/ 114.5
1980	3/ 11,488	3/ 2,313,972	967,710	227,224,719	3/ 11,872	3/ 10,184	3/ 116.6
1981	3/ 12,428	3/ 2,590,995	978,195	229,465,744	3/ 12,705	3/ 11,291	3/ 112.5
1982	3/ 13,160	3/ 2,777,640	993,780	231,664,432	3/ 13,243	3/ 11,990	3/ 110.5
1983	3/ 14,447	3/ 2,969,333	1,012,717	233,792,014	3/ 14,265	3/ 12,701	3/ 112.3
1984	3/ 15,458	3/ 3,275,415	1,027,922	235,824,907	3/ 15,038	3/ 13,889	3/ 108.3
1985	3/ 16,447	3/ 3,508,482	1,039,698	237,923,734	3/ 15,819	3/ 14,746	3/ 107.3
1986	3/ 17,452	3/ 3,717,756	1,051,762	240,132,831	3/ 16,593	3/ 15,482	3/ 107.2
1987	3/ 18,561	3/ 3,931,800	1,067,917	242,288,936	3/ 17,380	3/ 16,228	3/ 107.1
1988	3/ 20,465	3/ 4,264,433	1,079,827	244,499,004	3/ 18,952	3/ 17,442	3/ 108.7
1989	3/ 22,856	3/ 4,605,107	1,094,588	246,819,222	3/ 20,880	3/ 18,658	3/ 111.9
1990	3/ 24,977	3/ 4,897,332	1,113,491	249,622,814	3/ 22,431	3/ 19,619	3/ 114.3
1991	3/ 26,455	3/ 5,072,291	1,136,754	252,980,941	3/ 23,272	3/ 20,050	3/ 116.1
1992	3/ 28,421	3/ 5,406,546	1,158,613	256,514,224	3/ 24,530	3/ 21,077	3/ 116.4
1993	3/ 29,456	3/ 5,643,648	1,172,838	259,918,588	3/ 25,115	3/ 21,713	3/ 115.7
1994	3/ 30,135	3/ 5,933,938	1,187,536	263,125,821	3/ 25,376	3/ 22,552	3/ 112.5
1995	3/ 30,826	3/ 6,278,125	1,196,854	266,278,393	3/ 25,756	3/ 23,577	3/ 109.2
1996	3/ 30,841	3/ 6,660,854	1,203,755	269,394,284	3/ 25,620	3/ 24,725	3/ 103.6
1997	3/ 31,736	3/ 7,068,422	1,211,640	272,646,925	3/ 26,192	3/ 25,925	3/ 101.0
1998	3/ 32,356	3/ 7,584,003	1,215,233	275,854,104	3/ 26,625	3/ 27,493	3/ 96.8
1999	3/ 33,426	3/ 7,978,449	1,210,300	279,040,168	3/ 27,618	3/ 28,592	3/ 96.6
2000	3/ 35,403	3/ 8,620,234	1,213,519	282,162,411	3/ 29,174	3/ 30,551	3/ 95.5

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Table 13.07-- TOTAL AND PER CAPITA PERSONAL INCOME FOR HAWAII AND THE UNITED STATES: 1969 TO 2023 -- 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	3/ 36,997	3/ 8,990,104	1,225,948	284,968,955	3/ 30,178	3/ 31,548	3/ 95.7
2002	3/ 38,866	3/ 9,146,700	1,239,613	287,625,193	3/ 31,353	3/ 31,801	3/ 98.6
2003	3/ 40,734	3/ 9,474,684	1,251,154	290,107,933	3/ 32,557	3/ 32,659	3/ 99.7
2004	3/ 43,729	3/ 10,008,929	1,273,569	292,805,298	3/ 34,336	3/ 34,183	3/ 100.4
2005	3/ 46,898	3/ 10,540,800	1,292,729	295,516,599	3/ 36,278	3/ 35,669	3/ 101.7
2006	3/ 50,183	3/ 11,291,446	1,309,731	298,379,912	3/ 38,315	3/ 37,843	3/ 101.2
2007	3/ 53,023	3/ 11,925,044	1,315,675	301,231,207	3/ 40,301	3/ 39,588	3/ 101.8
2008	3/ 55,803	3/ 12,423,410	1,332,213	304,093,966	3/ 41,887	3/ 40,854	3/ 102.5
2009	3/ 55,409	3/ 12,058,253	1,346,717	306,771,529	3/ 41,144	3/ 39,307	3/ 104.7
2010	3/ 56,649	3/ 12,547,501	1,365,064	309,378,433	3/ 41,499	3/ 40,557	3/ 102.3
2011	3/ 59,226	3/ 13,299,818	1,384,943	311,841,632	3/ 42,765	3/ 42,649	3/ 100.3
2012	3/ 61,162	3/ 13,905,749	1,405,024	314,344,331	3/ 43,531	3/ 44,237	3/ 98.4
2013	3/ 61,983	3/ 14,063,283	1,423,171	316,735,375	3/ 43,553	3/ 44,401	3/ 98.1
2014	3/ 65,182	3/ 14,778,160	1,434,212	319,270,047	3/ 45,448	3/ 46,287	3/ 98.2
2015	3/ 68,201	3/ 15,467,113	1,446,479	321,829,327	3/ 47,150	3/ 48,060	3/ 98.1
2016	3/ 70,745	3/ 15,884,741	1,457,008	324,367,742	3/ 48,555	3/ 48,971	3/ 99.2
2017	3/ 73,646	3/ 16,658,962	1,458,361	326,623,063	3/ 50,499	3/ 51,004	3/ 99.0
2018	3/ 75,266	3/ 17,514,402	1,460,183	328,542,157	3/ 51,546	3/ 53,309	3/ 96.7
2019	3/ 78,552	3/ 18,343,601	1,457,034	330,233,102	3/ 53,912	3/ 55,547	3/ 97.1
2020	3/ 82,761	3/ 19,609,985	3/ 1,451,181	3/ 331,526,933	3/ 57,030	3/ 59,151	3/ 96.4
2021	3/ 88,948	3/ 21,392,812	3/ 1,446,745	3/ 332,048,977	3/ 61,481	3/ 64,427	3/ 95.4
2022	3/ 88,973	3/ 21,820,248	3/ 1,439,399	3/ 333,271,411	3/ 61,813	3/ 65,473	3/ 94.4
2023	93,501	22,952,028	1,435,138	334,914,895	65,151	68,531	95.1

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

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

3/ Revised from previous *Data Book*.

Source: U.S. Bureau of Economic Analysis, State Personal Income Summary SAINC1 (March 29, 2024) <<https://apps.bea.gov/itable/?ReqID=70&step=1>> accessed March 29, 2024; 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: 1979 TO 2023

[Disposable personal income, per capita disposable personal income, and Hawaii as a percent of U.S. average for 1979 to 2022 and population for 2020 to 2022 revised from previous *Data Book*]

Year	Disposable personal income (millions of dollars)		Resident population 1/		Per capita disposable personal income 2/		Hawaii as percent of U.S. average
	Hawaii	U.S.	Hawaii	U.S.	Dollars		
					Hawaii	U.S.	
1979	8,818	1,805,040	950,050	224,568,579	9,282	8,038	115.5
1980	10,096	2,015,208	967,710	227,224,719	10,433	8,869	117.6
1981	10,925	2,246,114	978,195	229,465,744	11,168	9,788	114.1
1982	11,780	2,423,869	993,780	231,664,432	11,854	10,463	113.3
1983	12,928	2,617,374	1,012,717	233,792,014	12,765	11,195	114.0
1984	13,852	2,898,442	1,027,922	235,824,907	13,475	12,291	109.6
1985	14,679	3,091,714	1,039,698	237,923,734	14,119	12,995	108.6
1986	15,547	3,281,021	1,051,762	240,132,831	14,782	13,663	108.2
1987	16,304	3,443,399	1,067,917	242,288,936	15,267	14,212	107.4
1988	17,963	3,759,653	1,079,827	244,499,004	16,635	15,377	108.2
1989	19,859	4,038,619	1,094,588	246,819,222	18,143	16,363	110.9
1990	21,722	4,304,023	1,113,491	249,622,814	19,508	17,242	113.1
1991	22,892	4,484,825	1,136,754	252,980,941	20,138	17,728	113.6
1992	25,093	4,794,802	1,158,613	256,514,224	21,658	18,692	115.9
1993	26,046	4,995,852	1,172,838	259,918,588	22,208	19,221	115.5
1994	26,674	5,241,737	1,187,536	263,125,821	22,461	19,921	112.8
1995	27,444	5,530,555	1,196,854	266,278,393	22,930	20,770	110.4
1996	27,288	5,824,654	1,203,755	269,394,284	22,669	21,621	104.8
1997	28,057	6,137,540	1,211,640	272,646,925	23,156	22,511	102.9
1998	28,491	6,552,573	1,215,233	275,854,104	23,445	23,754	98.7
1999	29,390	6,867,565	1,210,300	279,040,168	24,284	24,611	98.7
2000	31,057	7,384,984	1,213,519	282,162,411	25,593	26,173	97.8
2001	32,527	7,752,177	1,225,948	284,968,955	26,532	27,204	97.5
2002	34,819	8,095,517	1,239,613	287,625,193	28,089	28,146	99.8
2003	36,733	8,472,238	1,251,154	290,107,933	29,360	29,204	100.5
2004	39,413	8,961,305	1,273,569	292,805,298	30,947	30,605	101.1
2005	41,781	9,329,615	1,292,729	295,516,599	32,320	31,571	102.4
2006	44,609	9,935,978	1,309,731	298,379,912	34,060	33,300	102.3
2007	47,113	10,434,213	1,315,675	301,231,207	35,809	34,639	103.4
2008	49,878	10,917,599	1,332,213	304,093,966	37,440	35,902	104.3
2009	50,635	10,907,346	1,346,717	306,771,529	37,599	35,555	105.7
2010	51,880	11,311,497	1,365,064	309,378,433	38,005	36,562	103.9

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Table 13.08-- TOTAL AND PER CAPITA DISPOSABLE PERSONAL INCOME FOR HAWAII AND THE UNITED STATES: 1979 TO 2023 -- 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.	
2011	53,784	11,848,163	1,384,943	311,841,632	38,835	37,994	102.2
2012	55,488	12,398,279	1,405,024	314,344,331	39,492	39,442	100.1
2013	55,608	12,387,353	1,423,171	316,735,375	39,073	39,109	99.9
2014	58,412	12,994,137	1,434,212	319,270,047	40,727	40,700	100.1
2015	60,613	13,527,926	1,446,479	321,829,327	41,904	42,034	99.7
2016	62,818	13,927,450	1,457,008	324,367,742	43,114	42,937	100.4
2017	65,432	14,611,591	1,458,361	326,623,063	44,867	44,735	100.3
2018	67,147	15,442,207	1,460,183	328,542,157	45,986	47,002	97.8
2019	69,829	16,146,403	1,457,034	330,233,102	47,926	48,894	98.0
2020	73,820	17,355,580	1,451,181	331,526,933	50,869	52,350	97.2
2021	77,946	18,651,847	1,446,745	332,048,977	53,877	56,172	95.9
2022	76,453	18,684,871	1,439,399	333,271,411	53,114	56,065	94.7
2023	82,416	20,195,126	1,435,138	334,914,895	57,427	60,299	95.2

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

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

Source: U.S. Bureau of Economic Analysis, State Personal Income Summary SAINC51 (March 29, 2024) <<https://apps.bea.gov/itable/?ReqID=70&step=1>> accessed March 29, 2024; and calculations by the Hawaii State Department of Business, Economic Development & Tourism.

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

[In thousands of dollars. The estimates of earnings are based on the 1987 Standard Industrial Classification (SIC) Code. The source revised estimates for 1979 to 2001]

Item	1996	1997	1998	1999	2000	2001
Personal income 1/	30,840,471	31,735,794	32,355,666	33,425,568	35,403,074	36,996,752
Earnings by place of work	23,100,404	23,742,063	24,118,706	25,075,968	26,592,658	28,063,097
Wages & salaries	16,718,142	17,215,868	17,621,036	18,185,436	19,173,030	19,831,092
Supplements to wages and salaries 2/	4,028,285	4,043,017	4,098,585	4,214,313	4,474,279	4,803,051
Emp'er cont. for emp. pension & ins. funds	2,720,336	2,717,470	2,771,192	2,860,987	3,043,854	3,296,890
Employer cont. for gov't social ins.	1,307,949	1,325,547	1,327,393	1,353,326	1,430,425	1,506,161
Proprietors' income 3/	2,353,977	2,483,178	2,399,085	2,676,219	2,945,349	3,428,954
Farm proprietors' income	19,866	36,106	38,283	43,843	40,387	39,138
Nonfarm proprietors' income	2,334,111	2,447,072	2,360,802	2,632,376	2,904,962	3,389,816
Dividends, interest, and rent 1/ 4/	6,650,291	6,930,057	7,141,738	7,167,245	7,569,151	7,531,095
Personal current transfer receipts 5/	3,679,587	3,693,737	3,766,251	3,922,182	4,130,169	4,450,371
Less: Contrib. for gov't social ins. 6/	2,589,811	2,630,063	2,671,029	2,739,827	2,888,904	3,047,811
Emp'ee & self-emp. cont. for gov't soc. ins.	1,281,862	1,304,516	1,343,636	1,386,501	1,458,479	1,541,650
Employer cont. for gov't social ins.	1,307,949	1,325,547	1,327,393	1,353,326	1,430,425	1,506,161
Earnings by industry	23,100,404	23,742,063	24,118,706	25,075,968	26,592,658	28,063,097
Farm earnings	195,326	204,858	217,524	244,550	240,333	236,703
Nonfarm earnings	22,905,078	23,537,205	23,901,182	24,831,418	26,352,325	27,826,394
Private nonfarm earnings	16,562,229	16,891,007	17,096,942	17,686,901	18,989,298	20,082,958
Agri. services, forestry, & fishing	141,522	142,227	131,461	138,439	143,871	154,316
Mining	24,569	23,241	24,000	23,986	25,358	26,447
Construction	1,547,150	1,460,164	1,401,252	1,429,061	1,634,386	1,741,050
Manufacturing	749,900	768,161	746,726	765,149	797,087	849,485
Transportation & public utilities	1,857,393	1,887,820	1,882,331	1,963,044	2,066,438	2,163,100

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

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

NA Not available.

1/ Revised from previous *Data Book*.

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

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

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

5/ 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.

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

Source: U.S. Bureau of Economic Analysis, State Personal Income (September 23, 2023) "SAINC5S Personal Income by Major Component and Earnings by SIC Industry" <<http://www.bea.gov/iTable/iTable.cfm?reqid=70&step=1>> accessed September 23, 2023; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

**Table 13.10-- PERSONAL INCOME BY MAJOR SOURCE, BY NAICS
INDUSTRY: 2020 TO 2023**

[In thousands of dollars. The estimates are based on the 2017 North American Industry Classification System (NAICS) Code. Source revised data 1998 to 2022. 2020 to 2022 revised from previous *Data Book*]

Item	2020	2021	2022	2023
Personal income	82,761,296	88,947,977	88,973,337	93,501,084
Earnings by place of work	53,751,629	58,446,429	61,459,520	65,169,072
Less: Contrib. for gov't social ins. 1/	6,214,570	6,667,960	7,211,100	7,659,331
Employee and self-employed	3,268,724	3,494,686	3,814,125	4,024,973
Employer	2,945,846	3,173,274	3,396,975	3,634,358
Net earnings by place of residence	47,537,059	51,778,469	54,248,420	57,509,741
Dividends, interest, and rent 2/	15,834,159	16,782,261	17,796,916	18,951,534
Personal current transfer receipts	19,390,078	20,387,247	16,928,001	17,039,809
Wages and salaries	36,763,033	39,798,497	42,831,250	45,651,499
Supp. to wages & sal.- emp'er contrib.	11,130,877	11,595,769	12,107,239	12,769,413
For employee pension & ins. funds 3/	8,185,031	8,422,495	8,710,264	9,135,055
For government social insurance	2,945,846	3,173,274	3,396,975	3,634,358
Proprietors' income 4/	5,857,719	7,052,163	6,521,031	6,748,160
Farm proprietors' income	19,175	37,912	6,250	-3,567
Nonfarm proprietors' income	5,838,544	7,014,251	6,514,781	6,751,727
Farm earnings	241,705	265,478	258,394	266,209
Nonfarm earnings	53,509,924	58,180,951	61,201,126	64,902,863
Private earnings	36,923,223	41,175,650	44,174,046	46,857,066
Forestry, fishing, rel. activ., & other	84,443	(D)	87,079	83,397
Mining, quarrying, oil & gas extraction	29,644	30,164	36,424	42,069
Utilities	640,349	618,179	637,394	677,333
Construction	4,551,522	4,575,989	4,629,199	4,908,804
Manufacturing	918,321	(D)	988,564	1,044,370
Wholesale trade	1,417,205	1,471,699	1,590,495	1,673,327
Retail trade	3,036,799	3,270,885	3,390,015	3,512,494
Transportation and warehousing	2,196,604	2,431,562	2,882,255	3,247,729
Information	794,838	1,020,211	1,006,664	1,002,884
Finance and insurance	1,876,237	1,996,061	1,921,243	1,942,916
Real estate and rental and leasing	1,875,948	2,582,309	2,649,669	2,598,261
Prof., scientific, & tech. services	3,244,186	3,606,653	3,847,620	4,132,296
Mgt of companies & enterprises	969,242	1,013,083	1,132,758	1,177,208
Admin. & supp. & waste mgt. & remed.	2,130,066	2,161,002	2,436,832	2,601,737
Educational services	839,439	914,707	972,781	1,020,520
Health care and social assistance	6,244,665	6,440,960	6,733,033	7,155,032

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Table 13.10-- PERSONAL INCOME BY MAJOR SOURCE, BY NAICS INDUSTRY: 2020 TO 2023 -- Con.

Item	2020	2021	2022	2023
Arts, entertainment, and recreation	559,474	723,327	931,318	1,073,180
Accommodation & food services	3,421,347	5,102,348	5,868,017	6,365,904
Accommodation	1,604,789	2,362,164	3,033,529	(NA)
Food services and drinking places	1,816,558	2,740,184	2,834,488	(NA)
Other services (exc. gov't & gov't ent.)	2,092,894	2,212,217	2,432,686	2,597,605
Gov't and gov't enterprises	16,586,701	17,005,301	17,027,080	18,045,797
Federal	8,848,987	9,352,861	9,474,503	10,099,111
Civilian	4,182,209	4,338,458	4,490,326	4,808,075
Military	4,666,778	5,014,403	4,984,177	5,291,036
State and local	7,737,714	7,652,440	7,552,577	7,946,686
State	5,677,535	5,649,657	5,578,211	(NA)
Local	2,060,179	2,002,783	1,974,366	(NA)

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

NA Not available.

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

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

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

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

Source: U.S. Bureau of Economic Analysis, Annual State Personal Income, "SAINC5N Personal Income by Major Component and Earnings by NAICS Industry" (March 29, 2024)

<<http://www.bea.gov/iTable/iTable.cfm?reqid=70&step=1>> accessed March 29, 2024; and calculations by Hawaii Department of Business, Economic Development & Tourism.

Table 13.11-- PERSONAL INCOME, TOTAL AND PER CAPITA, IN CONSTANT DOLLARS, FOR THE UNITED STATES AND BY STATE: 2017 TO 2022

[U.S. Bureau of Economic Analysis revised 2008 to 2021, and shifted base year from 2012 to 2017]

State	2017	2018	2019	2020	2021	2022
Real personal income (millions of constant 2017 dollars) 1/						
United States	16,658,962	17,163,074	17,720,998	18,741,359	19,626,221	18,803,662
Alabama	220,236	231,110	235,777	252,612	264,054	253,984
Alaska	40,069	40,877	41,797	42,899	42,306	42,599
Arizona	304,434	318,218	333,861	361,548	390,082	371,495
Arkansas	140,074	145,306	145,008	154,353	161,672	159,684
California	2,073,859	2,114,415	2,211,332	2,370,532	2,476,630	2,306,734
Colorado	295,345	321,261	331,825	346,298	373,562	373,024
Connecticut	233,286	245,904	249,291	253,773	261,629	243,876
Delaware	48,892	50,602	51,631	54,798	55,820	56,734
Dist. of Col.	49,312	49,662	50,935	52,002	53,695	49,299
Florida	1,004,623	1,055,234	1,111,979	1,163,424	1,248,415	1,217,815
Georgia	491,845	508,578	529,702	560,065	582,055	556,053
Hawaii	66,837	66,686	68,043	70,086	72,682	69,266
Idaho	75,774	81,948	86,931	96,755	103,498	103,154
Illinois	685,319	707,359	722,326	752,460	775,012	725,404
Indiana	328,649	331,558	340,444	366,691	385,618	374,525
Iowa	166,102	165,389	166,576	177,134	190,106	188,091
Kansas	154,695	156,471	159,473	167,796	173,330	170,230
Kentucky	201,331	206,073	211,072	227,986	239,443	226,240
Louisiana	220,725	229,692	232,867	245,610	253,842	238,347
Maine	63,401	64,802	68,701	72,475	76,408	71,837
Maryland	334,367	339,611	350,268	360,432	369,248	355,923
Massachusetts	429,672	443,038	459,205	475,931	503,053	465,702
Michigan	491,845	492,973	497,080	539,498	554,585	528,588
Minnesota	312,566	313,159	322,277	342,486	356,783	347,519
Mississippi	124,577	127,543	130,016	140,774	146,528	134,708
Missouri	299,195	306,041	310,971	333,183	345,789	338,259
Montana	51,055	53,527	54,834	60,683	64,939	65,459
Nebraska	106,919	106,947	109,229	114,875	123,076	121,519
Nevada	139,414	151,490	155,975	167,893	185,039	176,628
New Hampshire	74,548	78,110	81,641	85,177	89,864	82,663
New Jersey	519,160	523,261	543,574	569,453	593,573	567,278
New Mexico	86,238	92,360	94,884	103,129	110,822	104,614
New York	1,144,858	1,163,672	1,186,429	1,222,601	1,264,254	1,189,919
North Carolina	484,515	499,978	528,173	567,555	587,520	569,464
North Dakota	44,909	45,825	45,631	49,631	51,826	53,364

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Table 13.11-- PERSONAL INCOME, TOTAL AND PER CAPITA, IN CONSTANT DOLLARS, FOR THE UNITED STATES AND BY STATE: 2017 TO 2022 -- Con.

State	2017	2018	2019	2020	2021	2022
Ohio	590,137	594,382	604,434	650,326	669,428	640,897
Oklahoma	189,624	198,042	205,885	212,940	225,187	219,978
Oregon	194,829	196,986	205,026	222,777	233,996	213,907
Pennsylvania	679,231	707,495	719,855	768,876	796,770	750,418
Rhode Island	53,508	54,755	57,037	60,962	62,903	57,290
South Carolina	227,075	234,089	247,779	263,889	269,398	261,255
South Dakota	49,373	48,578	50,606	55,355	59,850	60,828
Tennessee	322,333	346,277	355,756	380,539	402,904	386,370
Texas	1,408,033	1,470,537	1,510,732	1,562,645	1,672,001	1,663,095
Utah	136,627	147,989	154,949	170,963	185,146	183,600
Vermont	31,908	32,442	33,850	34,975	36,928	34,816
Virginia	457,656	461,793	485,164	503,603	519,935	506,086
Washington	394,608	413,970	434,089	464,746	485,192	460,723
West Virginia	79,711	81,514	83,884	88,592	88,552	85,805
Wisconsin	302,158	309,369	315,592	338,059	350,201	338,615
Wyoming	33,507	36,181	36,606	39,517	41,071	39,983
Real per capita personal income (millions of constant 2017 dollars) 1/						
United States	51,004	52,240	53,662	56,533	59,110	56,419
Alabama	44,472	46,441	47,123	50,207	52,290	50,053
Alaska	54,005	55,410	56,881	58,532	57,623	58,069
Arizona	44,250	45,656	47,219	50,355	53,694	50,480
Arkansas	46,835	48,479	48,268	51,209	53,390	52,430
California	52,604	53,481	55,915	60,011	63,271	59,103
Colorado	52,739	56,587	57,850	59,863	64,282	63,875
Connecticut	64,665	68,093	69,110	70,544	72,206	67,254
Delaware	50,850	52,109	52,615	55,233	55,553	55,709
Dist. of Col.	72,416	72,433	74,097	77,515	80,287	73,383
Florida	48,133	49,932	52,072	53,888	57,193	54,746
Georgia	47,164	48,286	49,770	52,197	53,954	50,954
Hawaii	45,830	45,669	46,700	48,300	50,224	48,095
Idaho	43,698	46,334	48,080	52,322	54,349	53,199
Illinois	53,025	54,882	56,211	58,848	61,090	57,654
Indiana	49,155	49,297	50,349	54,014	56,596	54,811
Iowa	52,520	52,149	52,319	55,518	59,451	58,769
Kansas	52,843	53,374	54,358	57,114	58,997	57,958
Kentucky	44,983	45,924	46,924	50,580	53,132	50,138
Louisiana	47,177	49,184	49,923	52,801	54,860	51,925

Continued on next page.

Table 13.11-- PERSONAL INCOME, TOTAL AND PER CAPITA, IN CONSTANT DOLLARS, FOR THE UNITED STATES AND BY STATE: 2017 TO 2022 -- Con.

State	2017	2018	2019	2020	2021	2022
Maine	47,144	47,982	50,609	53,151	55,479	51,855
Maryland	54,699	55,322	56,828	58,386	59,801	57,736
Massachusetts	61,749	63,345	65,445	68,032	71,971	66,701
Michigan	48,940	48,952	49,322	53,577	55,251	52,679
Minnesota	55,762	55,425	56,672	59,982	62,468	60,785
Mississippi	41,757	42,877	43,791	47,589	49,677	45,818
Missouri	48,939	49,937	50,619	54,141	56,045	54,753
Montana	48,257	50,187	50,986	55,822	58,704	58,297
Nebraska	55,273	54,975	55,874	58,531	62,680	61,750
Nevada	47,169	50,302	50,824	53,887	58,810	55,582
New Hampshire	54,856	57,229	59,512	61,785	64,766	59,247
New Jersey	56,585	56,760	58,709	61,418	64,046	61,250
New Mexico	41,045	43,916	44,966	48,683	52,357	49,501
New York	56,703	57,543	58,669	60,801	63,666	60,472
North Carolina	47,617	48,656	50,930	54,314	55,605	53,226
North Dakota	58,576	59,405	58,763	63,669	66,621	68,481
Ohio	50,277	50,530	51,273	55,124	56,903	54,516
Oklahoma	48,368	50,412	52,205	53,706	56,420	54,724
Oregon	46,979	47,087	48,631	52,482	54,976	50,448
Pennsylvania	52,469	54,503	55,410	59,170	61,233	57,849
Rhode Island	49,320	50,153	52,112	55,605	57,342	52,380
South Carolina	45,728	46,621	48,799	51,422	51,875	49,456
South Dakota	56,740	55,499	57,344	62,351	66,784	66,857
Tennessee	47,828	50,874	51,841	54,946	57,819	54,794
Texas	49,944	51,578	52,351	53,456	56,565	55,382
Utah	43,710	46,524	47,932	52,063	55,448	54,307
Vermont	49,930	50,638	52,739	54,402	57,077	53,806
Virginia	53,826	54,030	56,432	58,311	60,057	58,281
Washington	52,990	54,841	56,828	60,169	62,680	59,175
West Virginia	43,731	45,021	46,591	49,453	49,594	48,337
Wisconsin	51,771	52,805	53,670	57,334	59,557	57,465
Wyoming	58,146	62,945	63,624	68,414	70,876	68,772

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 2017 as base year) estimate of real personal income. Real per capita personal income is total real personal income divided by total midyear population based on the 2010 and the 2020 Census. BEA will incorporate midyear population estimates based on the 2020 census results when they become available.

Source: U.S. Bureau of Economic Analysis, Real Personal Income and Real Personal Consumption Expenditures (PCE) by State (December 14, 2023) <<https://apps.bea.gov/itable/?ReqID=70&step=1>> accessed December 14, 2023. See also "Real Personal Consumption Expenditures and Personal Income by State, 2022" (December 14, 2023) <<https://www.bea.gov/sites/default/files/2023-12/rpp1222.pdf>> accessed December 14, 2023.

Table 13.12-- PERSONAL INCOME, TOTAL AND PER CAPITA, AND POPULATION BY COUNTY: 1979 TO 2022

[Personal income and per capita personal income for 1979 to 2021 and population for 2020 and 2021 revised from previous *Data Book*]

Year	State total	Honolulu	Hawaii	Kauai	Maui 1/
Total (\$1,000)					
1979	10,043,646	8,373,566	743,864	314,076	612,140
1980	11,488,240	9,425,648	936,385	392,349	733,858
1981	12,428,268	10,308,336	947,418	403,162	769,352
1982	13,160,145	10,886,978	998,461	437,043	837,663
1983	14,446,790	11,854,809	1,121,878	490,163	979,940
1984	15,457,731	12,743,337	1,170,129	506,596	1,037,669
1985	16,446,468	13,544,474	1,228,837	546,297	1,126,860
1986	17,452,179	14,293,368	1,338,689	592,341	1,227,781
1987	18,560,772	15,183,700	1,421,376	630,846	1,324,850
1988	20,464,837	16,642,308	1,569,628	753,529	1,499,372
1989	22,855,530	18,415,533	1,815,720	877,853	1,746,424
1990	24,977,065	20,037,018	2,026,283	960,248	1,953,516
1991	26,454,570	21,121,509	2,203,898	1,046,627	2,082,536
1992	28,421,050	22,655,743	2,333,486	1,130,056	2,301,765
1993	29,455,484	23,374,634	2,460,100	1,181,478	2,439,272
1994	30,134,945	23,836,238	2,554,008	1,208,148	2,536,551
1995	30,825,954	24,313,163	2,632,739	1,263,209	2,616,843
1996	30,840,471	24,240,372	2,693,260	1,258,844	2,647,995
1997	31,735,794	24,990,036	2,755,007	1,271,374	2,719,377
1998	32,355,666	25,315,931	2,902,047	1,296,115	2,841,573
1999	33,425,568	25,979,221	3,041,906	1,347,146	3,057,295
2000	35,403,074	27,403,301	3,283,789	1,445,773	3,270,211
2001	36,996,752	28,517,410	3,463,448	1,519,707	3,496,187
2002	38,865,557	29,909,676	3,677,512	1,580,106	3,698,263
2003	40,734,228	31,225,086	3,891,352	1,683,893	3,933,897
2004	43,729,204	33,288,785	4,305,981	1,858,958	4,275,480
2005	46,898,050	35,529,404	4,761,105	1,987,731	4,619,810
2006	50,182,645	37,941,381	5,146,027	2,121,559	4,973,678
2007	53,022,490	39,940,512	5,506,905	2,272,393	5,302,680
2008	55,802,589	41,991,888	5,856,196	2,387,719	5,566,786
2009	55,408,952	42,217,847	5,618,033	2,302,630	5,270,442
2010	56,649,440	43,034,473	5,783,476	2,353,376	5,478,115
2011	59,226,400	45,036,398	5,996,319	2,440,873	5,752,810
2012	61,161,571	46,379,847	6,127,625	2,523,606	6,130,493

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Table 13.12-- PERSONAL INCOME, TOTAL AND PER CAPITA, AND POPULATION BY COUNTY: 1979 TO 2022 -- Con.

Year	State total	Honolulu	Hawaii	Kauai	Maui 1/
Total (\$1,000) (con.)					
2013	61,983,441	46,853,344	6,284,444	2,646,606	6,199,047
2014	65,182,153	49,166,352	6,674,312	2,806,324	6,535,165
2015	68,200,770	51,195,028	7,135,546	2,968,335	6,901,861
2016	70,744,808	53,039,739	7,432,068	3,090,443	7,182,558
2017	73,646,392	54,939,450	7,884,738	3,261,520	7,560,684
2018	75,266,429	55,814,960	8,153,018	3,449,463	7,848,988
2019	78,551,759	57,828,675	8,592,199	3,679,413	8,451,472
2020	82,761,296	61,014,686	9,142,151	3,880,680	8,723,779
2021	88,947,977	64,493,233	10,308,749	4,204,857	9,941,138
2022	88,973,337	64,652,972	10,207,652	4,184,827	9,927,886
Per capita (dollars) 2/					
1979	10,572	11,114	8,352	8,262	8,803
1980	11,872	12,340	10,080	9,966	10,246
1981	12,705	13,430	9,856	9,965	10,391
1982	13,243	14,028	10,106	10,455	10,864
1983	14,265	15,023	11,134	11,453	12,240
1984	15,038	15,973	11,303	11,610	12,507
1985	15,819	16,840	11,604	12,316	13,234
1986	16,593	17,636	12,354	12,999	14,050
1987	17,380	18,552	12,721	13,365	14,634
1988	18,952	20,195	13,837	15,521	15,990
1989	20,880	22,152	15,574	17,611	18,038
1990	22,431	23,895	16,667	18,582	19,207
1991	23,272	24,834	17,317	19,607	19,721
1992	24,530	26,223	17,728	20,758	21,198
1993	25,115	26,857	18,211	21,303	21,790
1994	25,376	27,130	18,546	21,391	22,104
1995	25,756	27,585	18,739	22,135	22,196
1996	25,620	27,439	18,975	21,822	21,941
1997	26,192	28,183	19,073	22,030	22,150
1998	26,625	28,544	19,900	22,407	22,797
1999	27,618	29,559	20,697	23,121	24,233
2000	29,174	31,260	22,003	24,685	25,335
2001	30,178	32,305	22,832	25,725	26,401
2002	31,353	33,589	23,791	26,343	27,479

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Table 13.12-- PERSONAL INCOME, TOTAL AND PER CAPITA, AND POPULATION BY COUNTY: 1979 TO 2022 -- Con.

Year	State total	Honolulu	Hawaii	Kauai	Maui 1/
Per capita (dollars) 2/ (con.)					
2003	32,557	34,915	24,560	27,693	28,590
2004	34,336	36,662	26,441	29,937	30,403
2005	36,278	38,695	28,300	31,620	32,205
2006	38,315	40,931	29,654	33,429	34,119
2007	40,301	43,163	30,984	35,236	35,801
2008	41,887	44,975	32,264	36,396	36,763
2009	41,144	44,761	30,594	34,617	34,359
2010	41,499	44,945	31,211	35,001	35,333
2011	42,765	46,267	32,099	35,870	36,717
2012	43,531	46,893	32,480	36,596	38,717
2013	43,553	46,750	32,948	37,775	38,707
2014	45,448	48,743	34,621	39,603	40,369
2015	47,150	50,316	36,625	41,380	42,487
2016	48,555	51,805	37,718	42,689	43,868
2017	50,499	53,723	39,698	44,800	46,020
2018	51,546	54,633	40,716	46,993	47,597
2019	53,912	56,762	42,980	50,100	51,253
2020	57,036	60,273	45,549	53,025	52,923
2021	61,464	64,193	50,585	56,983	60,287
2022	61,779	64,936	49,476	56,697	60,376
Population 3/					
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

Continued on next page.

Table 13.12-- PERSONAL INCOME, TOTAL AND PER CAPITA, AND POPULATION BY COUNTY: 1979 TO 2022 -- Con.

Year	State total	Honolulu	Hawaii	Kauai	Maui 1/
Population 3/ (con.)					
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	1,365,064	957,482	185,303	67,238	155,041
2011	1,384,943	973,408	186,807	68,047	156,681
2012	1,405,024	989,064	188,661	68,959	158,340
2013	1,423,171	1,002,219	190,737	70,062	160,153
2014	1,434,212	1,008,682	192,782	70,861	161,887
2015	1,446,479	1,017,472	194,827	71,733	162,447
2016	1,457,008	1,023,837	197,045	72,395	163,731
2017	1,458,361	1,022,650	198,619	72,801	164,291
2018	1,460,183	1,021,634	200,241	73,404	164,904
2019	1,457,034	1,018,784	199,912	73,441	164,897
2020	1,451,043	1,012,305	200,712	73,186	164,840
2021	1,447,154	1,004,673	203,792	73,791	164,898
2022	1,440,196	995,638	206,315	73,810	164,433

1/ Includes Kalawao County.

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

3/ Census Bureau midyear population estimates. Estimates for 2010-2020 reflect county population estimates available as of March 2023. These estimates are based on the 2010 census. BEA will incorporate Census Bureau midyear population estimates based on the 2020 census results when they become available.

Source: U.S. Bureau of Economic Analysis, Interactive Data Local Area Personal Income and Employment, "CAINC1 "County and MSA personal income summary: personal income, population, per capita personal income" <<http://www.bea.gov/iTable/iTable.cfm?reqid=70&step=1&isuri=1&acrdn=7#reqid=70&step=1&isuri=1>> accessed November 16, 2023. See also "Personal Income by County and Metropolitan Area, 2022" (November 16, 2023) <<https://www.bea.gov/sites/default/files/2023-11/lapi1123.pdf>> accessed November 16, 2023.

Table 13.13-- PERFORMANCE RANKINGS FOR METROPOLITAN STATISTICAL AREAS: 2023 AND 2024

Category and year	Period	Rank 1/			
		Large cities		Small cities	
		Urban Honolulu	Provo, Utah	Kahului, Maui	Idaho Falls, Idaho
2023					
Overall	2023	152	1	101	1
Job growth (5-year)	2016 to 2021	200	1	197	3
Job growth (1-year)	2020 to 2021	114	2	1	9
Wage growth (5-year)	2016 to 2021	194	1	199	7
Wage growth (1-year)	2020 to 2021	112	9	45	27
Short-term job growth	Nov.: 2021 to 2022	43	34	7	58
High tech GDP growth (5-year)	2016 to 2021	103	12	16	31
High tech GDP growth (1-year)	2020 to 2021	21	48	3	77
High-tech GDP concentration 2/	2021	155	14	164	8
Number of high-tech GDP industries	2021	106	16	118	34
Households with broadband access	2021	51	18	153	10
Housing Affordability Index (4-year)	2017 to 2021	191	71	201	60
Housing Affordability Index (1-year)	2021	193	46	200	24
2024					
Overall	2024	159	1	163	1
Job growth (5-year)	2017 to 2022	200	1	187	3
Job growth (1-year)	2021 to 2022	45	3	5	38
Wage growth (5-year)	2017 to 2022	199	1	193	9
Wage growth (1-year)	2021 to 2022	143	3	193	79
Short-term job growth	Aug.: 2022 to 2023	90	22	82	9
High tech GDP growth (5-year)	2017 to 2022	129	8	40	14
High tech GDP growth (1-year)	2021 to 2022	64	12	1	43
High-tech GDP concentration 2/	2022	175	7	194	27
No. of high-tech GDP ind. w/LQ>1	2022	171	4	182	98
Households with broadband access	2022	108	24	124	39
Households w/affordable housing costs	2017 to 2021	193	120	192	37
Community resilience	2022	60	48	90	8
Gini index (income inequality)	2022	59	85	72	8

1/ Rank of 1 indicates most favorable.

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

Source: Milken Institute, *Best-Performing Cities 2023: Thriving in a Changing Economic Landscape* (May 15, 2023) <<https://milkeninstitute.org/reports/best-performing-cities-2023>> accessed May 17, 2023; and Milken Institute, *Best-Performing Cities 2024: Focus on Sustainable Growth and Resilience* (February 6, 2024) <<https://milkeninstitute.org/report/best-performing-cities-2024-sustainable-growth>> accessed May 16, 2024.

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

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

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

Continued on next page.

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

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

1/ Rank of 1 indicates most favorable.

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

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

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

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

NA Not available.

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

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

Table 13.16-- THE NORTH AMERICAN SUBNATIONAL INNOVATION COMPETITIVENESS INDEX, SCORE AND RANK FOR THE 50 STATES: 2022

[This index was compiled to identify economic differences among states and provinces and highlight regions needing more federal attention, identify cross-national innovation performance, and track the continent’s overall competitiveness in the innovation-driven global economy. See source for detailed methodology]

State	Overall		High tech ex-ports	Inward FDI	R&D inten-sity	R&D pers-onal	Immig. of know-ledge workers	Decar-bon-ization	Work-force educa-tion	Scien-tific, tech., prof. empl.	Labor produc-tivity in manuf.	Broad-band sub-scriber rate	Pat-ents	Busi-ness cre-ation	Ven-venture cap-ital
	Score	Rank	Rank	Rank	Rank	Rank	Rank	Rank	Rank	Rank	Rank	Rank	Rank	Rank	Rank
Alabama	46.3	39	57	24	26	26	54	79	51	29	33	56	56	58	76
Alaska	40.5	55	74	58	59	45	34	89	41	52	47	18	61	18	81
Arizona	53.8	25	17	51	27	36	25	64	47	10	19	22	19	8	37
Arkansas	37.1	58	58	50	57	81	56	69	62	38	48	63	53	53	61
California	83.9	2	27	69	5	7	7	48	26	6	3	12	2	7	1
Colorado	60.3	16	54	59	31	19	30	72	15	8	20	8	14	6	6
Connecticut	61.4	13	39	44	13	22	15	34	13	21	14	23	7	49	27
Delaware	65.0	11	47	56	11	9	19	46	28	20	15	17	6	23	19
Florida	50.2	31	32	52	47	39	11	54	44	5	35	35	38	4	30
Georgia	50.3	28	38	30	43	52	23	50	30	7	28	40	31	13	20
Hawaii	41.7	53	80	37	56	43	12	37	36	32	53	27	54	54	53
Idaho	48.6	34	35	76	8	68	52	31	54	33	49	41	25	11	43
Illinois	57.2	23	21	39	32	30	17	71	21	9	13	30	13	29	17
Indiana	50.2	29	25	19	19	46	48	81	50	40	10	50	21	61	47
Iowa	43.3	49	26	57	21	58	41	76	47	54	29	43	36	75	77
Kansas	48.7	33	43	38	33	44	39	83	25	34	17	38	43	44	25
Kentucky	43.8	48	30	12	48	83	50	85	52	41	30	55	48	31	44
Louisiana	46.2	40	69	64	60	90	53	84	58	36	1	60	50	51	52
Maine	41.8	52	55	23	53	84	49	42	34	37	52	42	41	36	23
Maryland	75.0	4	63	70	4	6	10	55	12	2	5	12	16	27	22
Massachusetts	91.5	1	29	43	2	1	9	47	11	3	6	14	1	42	2
Michigan	60.8	15	34	15	6	23	29	59	39	11	24	39	15	48	35
Minnesota	59.1	18	22	41	18	37	26	70	20	30	21	20	5	45	13
Mississippi	36.6	59	24	45	46	92	63	52	68	48	44	62	59	59	79

Continued on next page.

Table 13.16-- THE NORTH AMERICAN SUBNATIONAL INNOVATION COMPETITIVENESS INDEX, SCORE AND RANK FOR THE 50 STATES: 2022 -- Con.

State	Overall		High tech exports	Inward FDI	R&D intensity	R&D personnel	Immig. of knowledge workers	Decarbonization	Workforce education	Scientific, tech., prof. empl.	Labor productivity in manuf.	Broadband subscriber rate	Patents	Business creation	Venture capital
	Score	Rank	Rank	Rank	Rank	Rank	Rank	Rank	Rank	Rank	Rank	Rank	Rank	Rank	Rank
Missouri	51.3	27	53	40	16	28	46	75	38	27	34	47	33	9	33
Montana	42.3	50	67	82	51	54	58	87	31	51	38	47	45	22	26
Nebraska	41.5	54	51	68	50	57	42	77	32	43	37	28	49	57	46
Nevada	45.3	45	36	53	55	47	18	64	69	17	40	31	46	3	55
New Hampshire	58.6	19	14	17	10	29	32	43	19	25	42	5	8	52	32
New Jersey	70.2	7	44	29	9	8	4	67	13	4	8	14	9	19	18
New Mexico	68.3	8	18	81	1	2	40	81	55	31	43	58	39	38	12
New York	60.9	14	52	60	37	13	8	49	17	16	26	31	18	12	3
North Carolina	58.1	21	40	28	15	12	35	45	32	14	7	44	23	30	21
North Dakota	45.8	42	37	73	45	56	45	91	37	57	31	47	26	15	42
Ohio	51.5	26	33	33	29	32	38	60	41	23	22	35	10	65	29
Oklahoma	40.4	56	46	65	52	77	51	78	56	39	45	52	37	35	78
Oregon	66.0	10	9	67	7	31	27	38	27	24	18	14	3	20	10
Pennsylvania	55.9	24	42	42	24	10	31	73	29	22	23	45	17	60	9
Rhode Island	50.2	30	61	31	17	40	24	35	22	13	46	23	22	47	36
South Carolina	46.6	38	28	10	44	67	44	55	45	19	27	54	28	33	56
South Dakota	35.9	60	62	72	58	60	57	68	49	58	51	51	42	61	54
Tennessee	45.6	43	23	21	42	76	43	57	46	18	25	53	47	37	34
Texas	58.3	20	10	48	36	41	20	74	43	15	2	33	11	10	24
Utah	59.2	17	41	63	28	16	37	80	34	12	32	10	12	5	4
Vermont	44.5	47	5	34	41	65	36	30	18	46	56	46	34	56	16
Virginia	57.8	22	59	46	30	18	14	41	15	1	12	26	35	28	28
Washington	74.2	5	45	75	3	20	16	39	22	28	4	4	4	14	5
West Virginia	39.8	57	68	49	54	86	60	90	63	50	16	59	57	76	82
Wisconsin	47.5	36	20	47	22	33	47	60	40	44	41	33	20	66	51
Wyoming	42.0	51	70	80	61	91	59	92	59	56	9	29	44	24	45

1/ Rank of 1 indicates most favorable.

Source: The Information Technology & Innovation Foundation *The North American Subnational Innovation Competitiveness Index: 2022* <<https://itif.org/publications/2022/06/21/north-american-subnational-innovation-competitiveness-index/>> accessed June 27, 2024.

Table 13.17-- ECONOMIC ESTIMATES AND PROJECTIONS FOR THE STATE AND BY COUNTY: 2022 TO 2050

[In millions of 2017 dollars. See Section 1 for population and Section 12 for jobs projections from the same source]

Year 1/	Total personal income	Labor income	Dividends, interest and rent	Transfer income
State total				
2022	69,266	42,232	13,855	13,178
2030	77,170	46,130	15,640	15,400
2040	87,550	50,980	17,950	18,620
2050	97,220	55,910	20,380	20,930
Hawaii				
2022	7,947	3,985	1,700	2,238
2030	8,960	4,460	1,980	2,530
2040	10,100	5,010	2,320	2,760
2050	11,200	5,580	2,690	2,940
Honolulu				
2022	50,332	31,809	9,823	8,739
2030	55,810	34,580	11,000	10,230
2040	63,120	37,970	12,500	12,660
2050	69,900	41,460	14,090	14,360
Kauai				
2022	3,258	1,829	680	757
2030	3,700	2,030	780	890
2040	4,230	2,270	910	1,050
2050	4,740	2,520	1,050	1,180
Maui				
2022	7,729	4,608	1,653	1,444
2030	8,690	5,060	1,880	1,760
2040	10,100	5,730	2,220	2,150
2050	11,380	6,360	2,560	2,450

1/ Figures for 2022 are from the U.S. Bureau of Economic Analysis (BEA). Projection values for 2030 to 2050 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 2050* (April 2024), Appendix Table A-53. Projections of Personal Income and Its Components, 2022-2050 <<http://dbedt.hawaii.gov/economic/economic-forecast/2050-long-range-forecast/>> accessed April 19, 2024.

Table 13.18-- MEDIAN INCOME OF HOUSEHOLDS, FAMILIES, UNRELATED INDIVIDUALS AND PERSONS, BY SEX: 1949 TO 2022

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

Year	Households	Families	Unrelated individuals with income 1/	Persons with income 2/	
				Male	Female
1949	(NA)	3,568	1,583	2,340	1,247
1959	(NA)	6,366	1,998	3,753	1,796
1969	10,675	11,664	2,981	6,528	3,222
1979	20,473	22,750	7,097	11,505	6,581
1989	38,829	43,176	(NA)	21,095	12,976
1999	49,820	56,961	(NA)	3/ 36,808	3/ 29,831
2009	64,098	75,066	37,834	45,911	35,977
2010	63,030	76,134	38,060	45,443	36,242
2011	61,821	74,234	38,510	45,494	37,242
2012	66,259	77,447	40,883	45,748	38,040
2013	68,020	80,316	40,189	48,440	40,370
2014	69,592	79,187	41,669	46,786	40,162
2015	73,486	83,823	42,331	48,074	40,434
2016	74,511	86,768	42,111	49,373	41,224
2017	77,765	91,460	41,972	51,594	41,664
2018	80,212	95,448	43,432	51,413	42,584
2019	83,102	96,462	51,343	52,033	46,524
2021	84,857	100,890	49,452	61,812	49,816
2022	92,458	108,285	53,295	62,824	52,164

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Table 13.18-- MEDIAN INCOME OF HOUSEHOLDS, FAMILIES, UNRELATED INDIVIDUALS AND PERSONS, BY SEX: 1949 TO 2022 -- Con.

NA Not available.

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

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

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

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

Table 13.19-- MEDIAN INCOME OF FOUR-PERSON FAMILIES IN HAWAII AND THE UNITED STATES: 2005 TO 2019, 2021, AND 2022

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

Calendar year 1/	Hawaii (dollars)	United States (dollars)	Hawaii rank 2/	Hawaii as percent of U.S.
2005	79,240	67,019	6	118.2
2006	84,472	70,354	6	120.1
2007	84,438	72,336	6	116.7
2008	91,483	75,782	6	120.7
2009	85,190	73,714	8	115.6
2010	82,726	72,767	11	113.7
2011	82,973	74,563	13	111.3
2012	83,538	76,049	15	109.8
2013	88,217	77,953	11	113.2
2014	91,096	80,545	10	113.1
2015	96,837	82,508	9	117.4
2016	97,849	86,877	12	112.6
2017	102,125	90,748	12	112.5
2018	112,345	94,593	7	118.8
2019	118,223	99,048	8	119.4
2021	116,313	105,901	14	109.8
2022	128,372	113,919	12	112.7

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

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

Source: U.S. Census Bureau, "American Community Survey 1-Year Estimates, Table B19119. Median Family Income In The Past 12 Months (In Inflation-Adjusted Dollars) By Family Size" (annual) <<https://data.census.gov>> accessed December 28, 2023 and calculations by the Hawaii State Department of Business, Economic Development & Tourism.

Table 13.20 -- MEDIAN MONEY INCOME OF HOUSEHOLDS, FOR HAWAII AND THE UNITED STATES, IN CURRENT AND CONSTANT 2022 DOLLARS: 1984 TO 2022

[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 2022 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	28,880	(NA)	1,216	22,420	(NA)	102
1985	28,960	0.3	1,446	23,620	5.4	128
1986	29,000	0.1	1,206	24,900	5.4	129
1987	35,020	20.8	1,074	26,060	4.7	127
1988	33,020	-5.7	1,482	27,230	4.5	139
1989	35,040	6.1	1,328	28,910	6.2	159
1990	38,920	11.1	1,414	29,940	3.6	153
1991	37,250	-4.3	1,630	30,130	0.6	144
1992	42,110	13.0	1,435	30,640	1.7	145
1993	42,660	1.3	1,759	31,240	2.0	146
1994	42,260	-0.9	2,423	32,260	3.3	147
1995	42,850	1.4	1,292	34,080	5.6	197
1996	41,770	-2.5	1,893	35,490	4.1	179
1997	40,930	-2.0	1,399	37,010	4.3	171
1998	40,830	-0.2	2,369	38,890	5.1	230
1999	44,500	9.0	1,832	40,700	4.7	190
2000	51,550	15.8	1,193	41,990	3.2	132
2001	47,440	-8.0	1,256	42,230	0.6	129
2002	47,300	-0.3	1,371	42,410	0.4	139
2003	51,830	9.6	1,332	43,320	2.1	188
2004	56,240	8.5	1,690	44,330	2.3	196
2005	59,590	6.0	1,212	46,330	4.5	155
2006	60,470	1.5	1,571	48,200	4.0	207
2007	64,020	5.9	2,125	50,230	4.2	140
2008	61,520	-3.9	1,481	50,300	0.1	137
2009	55,650	-9.5	2,023	49,780	-1.0	213
2010	59,540	7.0	2,731	49,280	-1.0	325
2011	59,050	-0.8	2,531	50,050	1.6	251

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Table 13.20 -- MEDIAN MONEY INCOME OF HOUSEHOLDS, FOR HAWAII AND THE UNITED STATES, IN CURRENT AND CONSTANT 2022 DOLLARS: 1984 TO 2022 -- Con.

Year	Median income in current dollars -- Con.					
	Hawaii			United States		
	Amount (dollars)	Percent change	Standard error	Amount (dollars)	Percent change	Standard error
2012	56,260	-4.7	2,255	51,020	1.9	209
2013	61,410	9.2	2,207	51,940	1.8	276
2013 1/	64,240	14.2	3,918	53,590	5.0	654
2014	71,220	10.9	2,676	53,660	0.1	392
2015	64,510	-9.4	2,840	56,520	5.3	321
2016	72,130	11.8	2,510	59,040	4.5	436
2017 2/	73,580	2.0	2,227	61,370	3.9	335
2017 2/	73,600	2.0	2,352	61,140	3.6	322
2018	80,110	8.8	3,482	63,180	3.3	420
2019	88,010	9.9	3,565	68,700	8.7	550
2020 3/	80,830	-8.2	2,427	68,010	-1.0	535
2021	82,200	1.7	3,790	70,780	4.1	368
2022	91,010	10.7	3,712	74,580	5.4	588
	Median income in constant (2022) dollars					
1984	73,150	(NA)	3,080	56,780	(NA)	258
1985	70,950	-3.0	3,543	57,860	1.9	314
1986	69,910	-1.5	2,907	60,010	3.7	311
1987	81,650	16.8	2,504	60,760	1.2	296
1988	74,250	-9.1	3,332	61,210	0.7	313
1989	75,460	1.6	2,860	62,260	1.7	342
1990	79,940	5.9	2,904	61,500	-1.2	314
1991	73,820	-7.7	3,230	59,710	-2.9	285
1992	81,400	10.3	2,774	59,210	-0.8	280
1993	80,460	-1.2	3,318	58,920	-0.5	275
1994	77,990	-3.1	4,472	59,550	1.1	271
1995	77,260	-0.9	2,330	61,440	3.2	355
1996	73,380	-5.0	3,325	62,350	1.5	314
1997	70,400	-4.1	2,406	63,640	2.1	294
1998	69,270	-1.6	4,019	65,980	3.7	390
1999	73,980	6.8	3,045	67,650	2.5	316
2000	82,830	12.0	1,917	67,470	-0.3	212
2001	74,550	-10.0	1,974	66,360	-1.6	203
2002	73,420	-1.5	2,128	65,820	-0.8	216

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Table 13.20 -- MEDIAN MONEY INCOME OF HOUSEHOLDS, FOR HAWAII AND THE UNITED STATES, IN CURRENT AND CONSTANT 2022 DOLLARS: 1984 TO 2022 -- Con.

Year	Median income in constant (2022) dollars -- Con.					
	Hawaii			United States		
	Amount (dollars)	Percent change	Standard error	Amount (dollars)	Percent change	Standard error
2003	78,810	7.3	2,025	65,860	0.1	286
2004	83,420	5.8	2,507	65,760	-0.2	291
2005	85,890	3.0	1,747	66,780	1.6	223
2006	84,710	-1.4	2,201	67,520	1.1	290
2007	87,440	3.2	2,902	68,610	1.6	191
2008	81,060	-7.3	1,951	66,280	-3.4	181
2009	73,620	-9.2	2,676	65,850	-0.6	282
2010	77,700	5.5	3,564	64,300	-2.4	424
2011	74,730	-3.8	3,203	63,350	-1.5	318
2012	69,860	-6.5	2,800	63,350	0.0	260
2013	75,340	7.8	2,708	63,720	0.6	339
2013 1/	78,800	12.8	4,807	65,740	3.8	802
2014	86,150	9.3	3,237	64,900	-1.3	474
2015	78,090	-9.4	3,438	68,410	5.4	389
2016	86,550	10.8	3,012	70,840	3.6	523
2017	86,760	0.2	2,626	72,370	2.2	395
2017 2/	86,780	0.3	2,773	72,090	1.8	380
2018	92,590	6.7	4,025	73,030	1.3	485
2019	100,200	8.2	4,061	78,250	7.1	626
2020 3/	91,110	-9.1	2,735	76,660	-2.0	603
2021	88,630	-2.7	4,087	76,330	-0.4	397
2022	91,010	2.7	3,712	74,580	-2.3	588

NA Not available.

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

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

3/ Reflects implementation of the 2020 Census-based population controls.

Source: U.S. Census Bureau, Historical Income Tables - Households, Table H-8. Median Household Income by State: 1984 to 2022 <<https://www.census.gov/data/tables/time-series/demo/income-poverty/historical-income-households.html>> accessed October 5, 2023; and calculations by Hawaii Department of Business, Economic Development & Tourism.

Table 13.21- MEDIAN MONEY INCOME OF HOUSEHOLDS, FOR HAWAII AND THE UNITED STATES, 2-YEAR MOVING AVERAGES IN CONSTANT 2022 DOLLARS: 1984 TO 2022

[Based on small samples and subject to considerable sampling variation. Surveys conducted in March or April of following year. Median income in 2022 CPI-U-RS adjusted dollars. The CPI-U-RS is a price index of inflation that incorporates most improvements in methodology made to the current CPI-U since 1978 into a single, uniform series. The Census Bureau recommends 2-year averages to evaluate changes in state estimates over time]

Year	Hawaii			United States		
	Median income (dollars)	Percent change	Standard error	Median income (dollars)	Percent change	Standard error
1984-1985	72,050	(NA)	2,724	57,320	(NA)	235
1985-1986	70,430	-2.2	2,656	58,940	2.8	257
1986-1987	75,780	7.6	2,226	60,380	2.4	249
1987-1988	77,950	2.9	2,409	60,990	1.0	250
1988-1989	74,850	-4.0	2,547	61,730	1.2	269
1989-1990	77,700	3.8	2,368	61,880	0.2	270
1990-1991	76,880	-1.1	2,522	60,600	-2.1	246
1991-1992	77,610	0.9	2,470	59,460	-1.9	232
1992-1993	80,930	4.3	2,507	59,070	-0.7	228
1993-1994	79,230	-2.1	3,217	59,240	0.3	225
1994-1995	77,630	-2.0	2,860	60,500	2.1	258
1995-1996	75,320	-3.0	2,340	61,900	2.3	275
1996-1997	71,890	-4.6	2,369	63,000	1.8	250
1997-1998	69,840	-2.9	2,679	64,810	2.9	282
1998-1999	71,620	2.5	2,915	66,810	3.1	291
1999-2000	78,400	9.5	2,064	67,560	1.1	219
2000-2001	78,690	0.4	1,598	66,920	-0.9	170
2001-2002	73,980	-6.0	1,685	66,090	-1.2	172
2002-2003	76,110	2.9	1,706	65,840	-0.4	207
2003-2004	81,120	6.6	1,867	65,810	0.0	237
2004-2005	84,660	4.4	1,761	66,270	0.7	212
2005-2006	85,300	0.8	1,627	67,150	1.3	212
2006-2007	86,080	0.9	2,106	68,070	1.4	200
2007-2008	84,250	-2.1	2,012	67,440	-0.9	153
2008-2009	77,340	-8.2	1,912	66,060	-2.0	192
2009-2010	75,760	-2.0	2,956	64,980	-1.6	375
2010-2011	76,210	0.6	2,734	63,830	-1.8	322
2011-2012	72,300	-5.1	2,310	63,350	-0.8	238
2012-2013 1/	72,600	0.4	1,977	63,530	0.3	224
2014-2015 1/	82,120	13.1	2,568	66,660	4.9	306

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Table 13.21- MEDIAN MONEY INCOME OF HOUSEHOLDS, FOR HAWAII AND THE UNITED STATES, 2-YEAR MOVING AVERAGES IN CONSTANT 2022 DOLLARS: 1984 TO 2022 -- Con.

Year	Hawaii			United States		
	Median income (dollars)	Percent change	Standard error	Median income (dollars)	Percent change	Standard error
2015-2016	82,320	0.2	2,344	69,630	4.5	330
2016-2017	86,650	5.3	2,184	71,600	2.8	362
2017-2018	89,690	3.5	2,618	72,560	1.3	368
2018-2019	96,420	7.5	3,199	75,640	4.2	448
2019-2020	95,790	-0.7	2,567	77,730	2.8	513
2020-2021	89,870	-6.2	2,641	76,490	-1.6	407
2021-2022	89,820	-0.1	3,122	75,450	-1.4	398

NA Not available.

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

Source: U.S. Census Bureau, "Table H-8A. Median Income of Households by State: 1984 to 2022 Two-Year Moving Averages" <<https://www.census.gov/data/tables/time-series/demo/income-poverty/historical-income-households.html>> accessed October 5, 2023; and calculations by the Hawaii State Department of Business Economic Development & Tourism.

Table 13.22-- MEDIAN MONEY INCOME OF HOUSEHOLDS, FOR HAWAII AND THE UNITED STATES, 3-YEAR MOVING AVERAGES IN CONSTANT 2022 DOLLARS: 1984 TO 2022

[Based on small samples and subject to considerable sampling variation. From surveys conducted in March or April of following year. Median income in 2022 CPI-U-RS adjusted dollars. The CPI-U-RS is a price index of inflation that incorporates most of the improvements in methodology made to the current CPI-U since 1978 into a single, uniform series. The Census Bureau recommends 3-year averages to compare the relative ranking of states]

Year	Median income, 3-year moving averages					
	Hawaii (dollars)	Rank 1/	Standard error	United States (dollars)	Rank btw. 1/	Standard error
1984-1986	71,340	5	2,244	58,220	22 & 23	207
1985-1987	74,170	5	2,097	59,540	23 & 24	215
1986-1988	75,270	6	2,021	60,660	24 & 25	214
1987-1989	77,120	5	2,057	61,410	22 & 23	222
1988-1990	76,550	6	2,114	61,660	21 & 22	227
1989-1991	76,400	6	2,093	61,150	20 & 21	220
1990-1992	78,380	3	2,092	60,140	23 & 24	205
1991-1993	78,560	3	2,156	59,280	23 & 24	196
1992-1994	79,950	2	2,484	59,230	23 & 24	193
1993-1995	78,570	2	2,452	59,970	22 & 23	210
1994-1996	76,210	3	2,338	61,110	22 & 23	222
1995-1997	73,680	5	1,923	62,480	22 & 23	225
1996-1998	71,020	14	2,245	63,990	22 & 23	232
1997-1999	71,220	16	2,274	65,760	22 & 23	237
1998-2000	75,360	10	2,154	67,030	21 & 22	219
1999-2001	77,120	9	1,619	67,160	20 & 21	171
2000-2002	76,930	10	1,402	66,550	24 & 25	147
2001-2003	75,590	11	1,433	66,010	24 & 25	164
2002-2004	78,550	8	1,545	65,810	20 & 21	187
2003-2005	82,710	4	1,493	66,130	21 & 22	188
2004-2006	84,680	3	1,488	66,690	21 & 22	185
2005-2007	86,020	4	1,615	67,640	20 & 21	168
2006-2008	84,400	5	1,684	67,470	22 & 23	155
2007-2009	80,710	7	1,732	66,910	21 & 22	152
2008-2010	77,010	10	1,725	65,550	26 & 27	175
2009-2011	75,420	9	2,529	64,440	26 & 27	313
2010-2012	74,100	11	2,256	63,670	24 & 25	262

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Table 13.221-- MEDIAN MONEY INCOME OF HOUSEHOLDS, FOR HAWAII AND THE UNITED STATES, 3-YEAR MOVING AVERAGES IN CONSTANT 2022 DOLLARS: 1984 TO 2022 -- Con.

Year	Median income, 3-year moving averages					
	Hawaii (dollars)	Rank 1/	Standard error	United States (dollars)	Rank btw. 1/	Standard error
2011-2013 2/	73,310	12	1,769	63,470	26 & 27	209
2013-2015 2/	81,020	6	2,422	66,350	25 & 26	342
2014-2016	83,600	6	2,049	68,050	27 & 28	275
2015-2017	83,800	10	1,776	70,540	25 & 26	283
2016-2018	88,370	6	2,092	72,050	25 & 26	338
2017-2019	93,210	5	2,405	74,460	26 & 27	360
2018-2020 3/	94,610	5	2,414	75,800	26 & 27	391
2019-2021	93,400	8	2,222	77,260	26 & 27	398
2020-2022	90,250	9	2,332	75,860	25 & 26	358

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/ Introduced 2014 CPS ASEC with redesigned questions for income and health insurance coverage.

3/ Implementation of 2020 Census-based population controls.

Source: U.S. Census Bureau, "Table H-8B. Median Income of Households by State: 1984 to 2022 Three-Year Moving Averages" <<https://www.census.gov/data/tables/time-series/demo/income-poverty/historical-income-households.html>> accessed October 5, 2023; and calculations by Hawaii Department of Business, Economic Development & Tourism.

Table 13.23-- MEDIAN INCOME OF HOUSEHOLDS, FAMILIES AND PERCENT OF FAMILIES AND PERSONS BELOW POVERTY LEVEL, BY COUNTY AND SELECTED CENSUS DESIGNATED PLACE (CDP): 2018-2022

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

Geographic area	Median income (dollars) 1/		Percent below poverty level 2/	
	Households	Families	Persons	Families
State	94,814	111,678	9.6	6.5
County: Hawaii	74,238	90,234	14.1	10.4
Honolulu	99,816	117,769	8.8	5.8
Kalawao	87,813	(3/)	14.9	0.0
Kauai	88,869	102,083	8.3	6.0
Maui	95,379	107,660	9.3	6.4
CDP: Hilo	75,589	98,243	14.8	10.3
East Honolulu	151,224	166,585	4.2	2.4
Kailua (Oahu)	138,363	157,108	4.2	2.4
Kaneohe	120,451	142,582	7.3	4.7
Pearl City	116,938	134,544	4.2	2.2
Urban Honolulu	82,772	106,192	11.3	7.3
Waipahu	87,961	94,742	11.6	10.8
Kahului	94,712	107,542	8.7	3.6
Lihue	73,641	105,421	5.0	2.4

1/ Inflation- adjusted 2022 dollars for 2018-2022.

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

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

Source: U.S. Census Bureau, 2018-2022 American Community Survey 5-Year Estimates "DP03: Selected Economic Characteristics" for State of Hawaii, Honolulu, Hawaii, Kauai, Maui, Kalawao counties, and selected Census Designated Places <<https://data.census.gov/cedsci/>> accessed December 28, 2023.

Table 13.24-- ESTIMATED MEDIAN HOUSEHOLD INCOME AND POVERTY STATUS, BY COUNTY: 2020 TO 2022

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

Item	Median house- hold income	Persons in poverty 1/		Persons under 18 in poverty	
	Dollars	Number	Percent	Number	Percent
2020					
State total	86,878	121,182	8.9	29,682	10.4
Hawaii	70,313	24,301	12.2	6,718	16.1
Honolulu	89,584	74,186	8.0	17,766	9.1
Kauai	80,517	7,005	9.9	1,516	10.1
Maui 2/	80,763	15,690	9.5	3,681	10.6
2021					
State total	85,547	152,656	10.9	38,291	12.9
Hawaii	67,896	29,361	14.7	8,309	19.8
Honolulu	90,176	96,646	10.0	23,042	11.2
Kauai	76,719	8,101	11.2	2,155	13.9
Maui 2/	75,421	18,548	11.4	4,786	13.9
2022					
State total	93,683	140,871	10.0	34,939	12.1
Hawaii	71,143	29,609	14.6	7,916	18.8
Honolulu	96,304	89,980	9.3	21,616	10.9
Kauai	81,939	6,620	9.1	1,684	11.0
Maui 2/	89,794	14,663	9.0	3,723	11.1

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

2/ Includes Kalawao County.

Source: U.S. Census Bureau, Small Area Income and Poverty Estimates (SAIPE) for State and County <<https://www.census.gov/programs-surveys/saie/data/datasets.All.html>> accessed March 15, 2024.

Table 13.25-- INCOME OF HOUSEHOLDS AND FAMILIES: 2021 AND 2022

[Data are based on a sample and are subject to sampling variability]

Income	Households		Families	
	Number	Percent	Number	Percent
2021 (in 2021 inflation-adjusted dollars)	490,080	100.0	334,899	100.0
Less than \$10,000	26,535	5.4	10,038	3.0
\$10,000 to \$14,999	14,890	3.0	6,486	1.9
\$15,000 to \$24,999	28,789	5.9	14,014	4.2
\$25,000 to \$34,999	24,548	5.0	12,757	3.8
\$35,000 to \$49,999	45,306	9.2	25,270	7.5
\$50,000 to \$74,999	77,665	15.8	48,520	14.5
\$75,000 to \$99,999	66,805	13.6	48,495	14.5
\$100,000 to \$149,999	88,987	18.2	72,540	21.7
\$150,000 to \$199,999	51,453	10.5	42,501	12.7
\$200,000 or more	65,102	13.3	54,278	16.2
Median income (dollars)	84,857	(X)	100,890	(X)
2022 (in 2022 inflation-adjusted dollars)	494,827	100.0	335,052	100.0
Less than \$10,000	25,998	5.3	8,867	2.6
\$10,000 to \$14,999	12,629	2.6	4,704	1.4
\$15,000 to \$24,999	25,439	5.1	9,993	3.0
\$25,000 to \$34,999	25,723	5.2	15,037	4.5
\$35,000 to \$49,999	42,456	8.6	26,749	8.0
\$50,000 to \$74,999	73,198	14.8	45,277	13.5
\$75,000 to \$99,999	59,184	12.0	40,994	12.2
\$100,000 to \$149,999	99,480	20.1	77,860	23.2
\$150,000 to \$199,999	54,538	11.0	43,709	13.0
\$200,000 or more	76,182	15.4	61,862	18.5
Median income (dollars)	92,458	(X)	108,285	(X)

X Not applicable.

Source: U.S. Census Bureau, American Community Survey 1-Year Estimates, Hawaii (annual) "DP03: Selected Economic Characteristics" <<https://data.census.gov>> accessed December 28, 2023.

Table 13.26-- HOUSEHOLD INCOME TYPE AND PER CAPITA INCOME, BY COUNTY: 2018-2022

[Average of 5-year periods. Data are based on a sample and are subject to sampling variability. In 2022 inflation-adjusted dollars]

Subject	State total	Hawaii County	City & County of Honolulu	Kalawao County	Kauai County	Maui County
Total households	483,906	72,468	333,700	32	22,978	54,728
Median household income (dollars)	94,814	74,238	99,816	87,813	88,869	95,379
Mean household income (dollars)	122,902	100,481	128,036	82,150	115,181	124,551
With earnings (number)	385,814	52,718	271,469	29	17,844	43,754
Mean earnings (dollars)	114,978	95,279	119,613	86,852	106,307	113,509
With Social Security income (number)	177,476	30,962	115,036	5	10,101	21,372
Mean Social Security income (dollars)	23,859	23,414	24,127	17,080	22,767	23,584
With retirement income (number)	142,569	21,232	98,748	3	7,158	15,428
Mean retirement income (dollars)	37,825	33,713	38,920	(1/)	35,077	37,761
With Supplemental Security income (number)	20,415	4,039	13,670	-	803	1,903
Mean Supplemental Security income (dollars)	11,435	11,217	11,341	(1/)	12,514	12,117
With cash public assistance income (number)	19,452	3,492	12,868	-	1,028	2,064
Mean cash public assistance income (dollars)	6,921	7,097	6,595	(1/)	7,388	8,423
With Food Stamp/SNAP benefits in the past 12 months	52,928	13,369	31,986	-	2,597	4,976
Per capita income (dollars)	42,683	37,236	44,026	54,390	39,372	42,607

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

Source: U.S. Census Bureau, American Community Survey 5-Year Estimates 2018-2022, "DP03: Selected Economic Characteristics: Hawaii State, and Counties" <<https://data.census.gov/cedsci/>> accessed December 7, 2023.

Table 13.27-- ANNUAL SELF-SUFFICIENCY FAMILY BUDGETS FOR SELECTED FAMILY TYPES: 2022

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

Category	Family type				
	One adult	Two adult family	One adult and one preschooler	One adult, one preschooler and one school-age	Two adults, one preschooler and one school-age
Annual self-sufficiency family budget (dollars)					
State	41,245	52,700	69,861	89,131	96,696
Honolulu	41,896	52,861	72,053	92,061	98,407
Hawaii	34,970	46,954	59,518	74,791	85,116
Maui	43,450	56,217	69,378	89,147	99,241
Kauai	45,092	58,756	70,272	89,648	100,312
Selected state benchmarks (dollars)					
Poverty threshold	15,630	21,060	21,060	26,490	31,920
Minimum wage	24,960	49,920	24,960	24,960	49,920
Median family income	47,425	105,065	53,575	71,919	106,316
Self-sufficiency income above or below (-) selected state benchmarks (percent)					
Poverty threshold	163.9	150.2	231.7	236.5	202.9
Minimum wage	65.2	5.6	179.9	257.1	93.7
Median family income	-13.0	-49.8	30.4	23.9	-9.0
Families with income below self-sufficiency level (percent) 1/					
State	42.9	19.2	64.5	100.0	45.0

1/ Based on U.S. Census Bureau, 2022 American Community Survey, Public Use Microdata Sample File (ACS-PUMS) and Current Population Survey (CPS) data. See report for methodology.

Source: Hawaii State Department of Business, Economic Development & Tourism, "Self-Sufficiency Income Standard, Estimates for Hawaii 2022" (December 2023) <http://dbedt.hawaii.gov/economic/reports_studies/self-sufficiency-income-study/> accessed July 2, 2024.

Table 13.28-- POVERTY STATUS OF PERSONS, FOR HAWAII AND THE UNITED STATES AVERAGE: 2000 TO 2022

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

Year	Hawaii			United States
	Total population (1,000)	Number in poverty (1,000)	Percent in poverty	Percent in poverty
2000	1,195	106	8.9	11.3
2001	1,205	138	11.4	11.7
2002	1,219	138	11.3	12.1
2003	1,250	117	9.3	12.5
2004	1,244	106	8.6	12.7
2005	1,274	110	8.6	12.6
2006	1,254	116	9.2	12.3
2007	1,264	94	7.5	12.5
2008	1,255	125	9.9	13.2
2009	1,250	156	12.5	14.3
2010	1,311	162	12.4	15.1
2011	1,337	162	12.1	15.0
2012	1,356	188	13.8	15.0
2013 1/	1,338	142	10.6	14.8
2014	1,365	147	10.8	14.8
2015	1,382	151	10.9	13.5
2016	1,392	129	9.3	12.7
2017 2/	1,402	149	10.6	12.3
2018	1,393	128	9.2	11.8
2019	1,365	115	8.4	10.5
2020	1,427	155	10.9	11.5
2021	1,427	156	10.9	11.6
2022	1,423	126	8.8	11.5

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 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.

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

Source: U.S. Bureau of the Census, Historical Poverty Tables, Tables 2, 19 and 20 <<https://www.census.gov/data/tables/time-series/demo/income-poverty/historical-poverty-people.html>> accessed October 10, 2023.

Table 13.29-- POVERTY STATUS, FOR THE STATE AND BY COUNTY: 2018-2022

[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 2018-2022. Data in percent below poverty level]

Subject	State total	City & County of Honolulu	Hawaii County	Kalawao County	Kauai County	Maui County
All families	6.5	5.8	10.4	0.0	6.0	6.4
With related children under 18 years	10.3	9.3	16.9	(1/)	9.5	8.6
With related children under 5 years only	7.5	7.0	12.6	(1/)	9.1	4.9
Married couple families	3.8	3.4	6.1	0.0	3.2	3.5
With related children under 18 years	4.6	4.3	7.8	(1/)	4.9	2.9
With related children under 5 years only	2.8	2.6	7.4	(1/)	3.5	0.2
Families with female householder, no spouse present	15.9	14.5	23.5	(1/)	13.4	15.5
With related children under 18 years	25.5	24.7	33.4	(1/)	16.6	21.9
With related children under 5 years only	23.6	25.1	23.8	(1/)	19.2	18.1
All people	9.6	8.8	14.1	14.9	8.3	9.3
Under 18 years	12.4	11.4	19.2	(1/)	10.6	10.9
Related children under 18 years	12.0	11.0	18.7	(1/)	10.4	10.3
Related children under 5 years	12.7	12.0	19.4	(1/)	12.3	9.6
Related children 5 to 17 years	11.7	10.6	18.5	(1/)	9.7	10.5
18 years and over	8.9	8.2	12.7	14.9	7.7	8.9
18 to 64 years	9.1	8.3	13.7	12.8	7.7	9.2
65 years and over	8.2	7.8	10.2	25.0	7.5	7.7
People in families	6.6	6.0	10.6	0.0	5.6	6.1
Unrelated individuals 15 years and over	22.9	21.9	27.8	16.3	20.1	22.9

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

Source: U.S. Census Bureau, 2018-2022 American Community Survey 5-Year Estimates, "DP03: Selected Economic Characteristics: Hawaii State, and Counties" <<https://data.census.gov/>> accessed December 7, 2023.

Table 13.30-- POVERTY INCOME GUIDELINES, FOR HAWAII, THE 48 CONTIGUOUS STATES, AND ALASKA: 2018 TO 2024

[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	
Hawaii									
Jan. 13, 2018	13,960	18,930	23,900	28,870	33,840	38,810	43,780	48,750	4,970
Jan. 11, 2019	14,380	19,460	24,540	29,620	34,700	39,780	44,860	49,940	5,080
Jan. 15, 2020	14,680	19,830	24,980	30,130	35,280	40,430	45,580	50,730	5,150
Jan. 13, 2021	14,820	20,040	25,260	30,480	35,700	40,920	46,140	51,360	5,220
Jan. 12, 2022	15,630	21,060	26,490	31,920	37,350	42,780	48,210	53,640	5,430
Jan. 12, 2023	16,770	22,680	28,590	34,500	40,410	46,320	52,230	58,140	5,910
Jan. 11, 2024	17,310	23,500	29,690	35,880	42,070	48,260	54,450	60,640	6,190
Jan. 13, 2018									
U.S. 1/	12,140	16,460	20,780	25,100	29,420	33,740	38,060	42,380	4,320
Alaska	15,180	20,580	25,980	31,380	36,780	42,180	47,580	52,980	5,400
Jan. 11, 2019									
U.S. 1/	12,490	16,910	21,330	28,750	30,170	34,590	39,010	43,430	4,420
Alaska	15,600	21,130	26,660	32,190	37,720	43,250	48,780	54,310	5,530
Jan. 15, 2020									
U.S. 1/	12,760	17,240	21,720	26,200	30,680	35,160	39,640	44,120	4,480
Alaska	15,950	21,550	27,150	32,750	38,350	43,950	49,550	55,150	5,600
Jan. 13, 2021									
U.S. 1/	12,880	17,420	21,960	26,500	31,040	35,580	40,120	44,660	4,540
Alaska	16,090	21,770	27,450	33,130	38,810	44,490	50,170	55,850	5,680
Jan. 12, 2022									
U.S. 1/	13,590	18,310	23,030	27,750	32,470	37,190	41,910	46,630	4,720
Alaska	16,990	22,890	28,790	34,690	40,590	46,490	52,390	58,290	5,900
Jan. 12, 2023									
U.S. 1/	14,580	19,720	24,860	30,000	35,140	40,280	45,420	50,560	5,140
Alaska	18,210	24,640	31,070	37,500	43,930	50,360	56,790	63,220	6,430
Jan. 11, 2024									
U.S. 1/	15,060	20,440	25,820	31,200	36,580	41,960	47,340	52,720	5,380
Alaska	18,810	25,540	32,270	39,000	45,730	52,460	59,190	65,920	6,730

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Table 13.30-- POVERTY INCOME GUIDELINES, FOR HAWAII, THE 48 CONTIGUOUS STATES, AND ALASKA: 2018 TO 2024 -- 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* 2018 <<https://www.gpo.gov/fdsys/pkg/FR-2018-01-18/pdf/2018-00814.pdf>> accessed March 7, 2018; for 2019 <<https://www.govinfo.gov/app/details/FR-2019-02-01/2019-00621>> accessed July 18, 2019; for 2020 <<https://www.govinfo.gov/content/pkg/FR-2020-01-17/pdf/2020-00858.pdf>> accessed February 3, 2020; for 2021 <<https://www.govinfo.gov/content/pkg/FR-2021-02-01/pdf/2021-01969.pdf>> accessed February 1, 2021; for 2022 <<https://www.govinfo.gov/content/pkg/FR-2022-01-21/pdf/2022-01166.pdf>> accessed June 24, 2022; for 2023 <<https://www.govinfo.gov/content/pkg/FR-2023-01-19/pdf/2023-00885.pdf>> accessed February 17, 2023; and for 2024 <<https://www.govinfo.gov/content/pkg/FR-2024-01-17/pdf/2024-00796.pdf>> accessed February 5, 2024.

**Table 13.31-- AVERAGE ANNUAL EXPENDITURES AND OTHER CHARACTERISTICS OF CONSUMER UNITS,
FOR HONOLULU METROPOLITAN STATISTICAL AREA: 2001-2002 TO 2004-2005 AND 2015-2016 TO 2021-2022**

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

Item	2001- 2002	2002- 2003	2003- 2004	2004- 2005	2015- 2016	2016- 2017	2017- 2018	2018- 2019	2019- 2020	2020- 2021	2021- 2022
Average annual expenditures	43,458	44,505	48,339	54,937	66,798	65,099	60,710	63,481	60,884	61,290	74,965
Food	6,418	5,819	6,666	8,089	10,303	10,036	10,985	11,969	9,953	9,289	12,941
Food at home	3,879	3,269	3,592	4,231	5,419	5,161	5,899	6,624	6,118	5,908	7,795
Cereals and bakery products	542	462	499	556	599	511	691	835	710	767	1,072
Meats, poultry, fish, and eggs	1,182	866	860	1,090	1,299	1,349	1,467	1,597	1,472	1,313	1,731
Dairy products	336	287	317	335	438	413	508	563	445	403	590
Fruits and vegetables	750	630	693	831	1,099	1,071	1,265	1,376	1,324	1,348	1,703
Other food at home	1,069	1,024	1,223	1,419	1,985	1,816	1,968	2,253	2,166	2,075	2,699
Food away from home	2,539	2,549	3,075	3,858	4,885	4,875	5,086	5,345	3,835	3,382	5,146
Alcoholic beverages	489	357	367	463	518	658	517	546	473	444	559
Housing	14,207	15,156	15,874	17,400	24,241	24,355	23,045	23,089	23,572	25,224	27,799
Shelter	9,470	10,067	10,324	10,887	16,359	16,502	14,710	15,165	16,007	16,869	18,941
Owned dwellings	4,810	5,367	5,629	6,516	6,714	6,982	7,376	7,901	7,797	8,222	9,106
Rented dwellings	4,030	3,971	4,160	3,960	8,833	8,769	6,949	6,704	7,633	8,282	9,063
Other lodging	630	728	535	411	811	751	385	561	577	366	772
Utilities, fuels, & public services	2,200	2,492	2,606	2,813	4,047	4,203	4,416	4,417	4,455	4,730	4,913
Household operations	569	707	770	692	1,240	1,441	1,263	944	938	1,086	1,069
Housekeeping supplies	567	480	593	817	715	716	838	871	721	817	843
Household furn. & equipment	1,402	1,410	1,582	2,191	1,880	1,492	1,817	1,692	1,452	1,723	2,033
Apparel and services	1,597	1,467	1,467	2,157	1,726	1,667	1,634	1,577	1,185	774	1,411
Transportation	7,230	8,023	8,778	9,921	9,486	7,391	6,611	8,403	8,213	7,580	10,103
Vehicle purchases (net outlay)	3,040	3,724	4,356	4,768	3,727	1,954	1,595	2,865	2,975	2,635	3,700
Gasoline and motor oil	1,124	1,142	1,277	1,658	1,924	1,794	1,800	1,851	1,670	1,756	2,571

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**Table 13.31-- AVERAGE ANNUAL EXPENDITURES AND OTHER CHARACTERISTICS OF CONSUMER UNITS,
FOR HONOLULU METROPOLITAN STATISTICAL AREA: 2001-2002 TO 2004-2005 AND 2015-2016 TO
2021-2022 -- Con.**

Item	2001- 2002	2002- 2003	2003- 2004	2004- 2005	2015- 2016	2016- 2017	2017- 2018	2018- 2019	2019- 2020	2020- 2021	2021- 2022
Transportation- con.											
Other vehicle expenses	2,194	2,208	2,218	2,427	2,414	2,156	2,202	2,543	2,627	2,741	3,004
Public transportation	873	948	927	1,069	1,421	1,488	1,014	1,143	942	448	828
Health care	2,365	2,617	2,668	2,600	3,576	3,977	4,134	4,233	3,909	4,009	5,133
Entertainment	2,249	2,276	2,941	3,126	2,997	3,285	2,665	2,307	1,967	1,878	2,425
Personal care products & services	594	542	649	772	746	705	798	755	583	605	767
Reading	161	170	149	128	138	77	53	30	55	111	121
Education	1,088	1,040	1,020	1,320	1,909	1,820	1,074	1,375	1,379	1,115	1,589
Tobacco prod. & smoking supplies	297	300	270	241	146	101	178	206	183	231	236
Miscellaneous	759	831	825	861	623	597	358	413	610	598	680
Cash contributions	1,278	1,226	1,218	1,112	3,338	3,512	1,456	952	799	814	1,566
Personal insurance and pensions	4,727	4,684	5,447	6,746	7,052	6,919	7,202	7,628	8,001	8,618	9,634
Life & other personal insurance	641	607	554	520	298	251	289	385	404	443	436
Pensions and Social Security	4,086	4,076	4,893	6,226	6,754	6,668	6,912	7,243	7,597	8,175	9,198
Number of consumer units (1,000)	276	275	273	278	499	532	537	562	609	582	589
Consumer unit characteristics											
Income before taxes 1/	56,000	59,114	64,082	70,104	89,019	93,672	94,905	95,375	95,678	101,761	112,440
Age of reference person	53.9	53.7	52.1	51.8	52.4	53.0	56.6	56.7	54.0	52.8	54.1
Aver. number in consumer unit 2/											
Persons	2.8	2.8	2.7	2.8	2.8	2.7	2.8	2.7	2.6	2.8	2.8
Children under 18	0.7	0.6	0.5	0.6	0.6	0.6	0.6	0.5	0.5	0.6	0.6
Persons 65 and over	0.5	0.5	0.4	0.4	0.5	0.5	0.6	0.5	0.5	0.5	0.5
Earners	1.4	1.4	1.5	1.5	1.4	1.4	1.5	1.5	1.5	1.5	1.5
Vehicles	1.6	1.6	1.7	1.8	1.7	1.7	1.8	1.7	1.6	1.7	1.7
Percent homeowner	53.0	57.0	57.0	61.0	52.0	54.0	62.0	62.0	57.0	56.0	58.0

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**Table 13.31-- AVERAGE ANNUAL EXPENDITURES AND OTHER CHARACTERISTICS OF CONSUMER UNITS,
FOR HONOLULU METROPOLITAN STATISTICAL AREA: 2001-2002 TO 2004-2005 AND 2015-2016 TO
2021-2022 -- Con.**

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

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

Source: U.S. Bureau of Labor Statistics, Selected Western Metropolitan Statistical Areas: Average Annual Expenditures and Characteristics, Consumer Expenditure Survey (annual) <<https://www.bls.gov/cex/tables/geographic/mean.htm>> accessed September 8, 2023.

Table 13.32-- AVERAGE ANNUAL EXPENDITURES AND OTHER CHARACTERISTICS OF CONSUMER UNITS, FOR SELECTED WESTERN METROPOLITAN STATISTICAL AREAS: 2021-2022

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

Item	All consumer units in the West 1/	Honolulu	Los Angeles	San Francisco	San Diego	Seattle	Phoenix	Denver	Anchorage
Average annual expenditures	78,778	74,965	77,024	101,880	86,299	93,905	71,750	84,293	82,799
Food	9,829	12,941	10,174	13,137	10,449	10,497	8,330	9,876	12,172
Food at home	6,022	7,795	5,679	8,356	6,244	6,562	4,814	5,338	8,561
Cereals and bakery products	741	1,072	713	1,053	720	705	604	605	1,145
Meats, poultry, fish, and eggs	1,253	1,731	1,311	1,789	1,210	1,190	982	1,239	1,576
Dairy products	578	590	502	740	563	620	466	530	725
Fruits and vegetables	1,234	1,703	1,217	1,958	1,416	1,368	870	1,103	1,931
Other food at home	2,217	2,699	1,937	2,815	2,334	2,678	1,892	1,861	3,183
Food away from home	3,807	5,146	4,495	4,781	4,205	3,934	3,517	4,538	3,611
Alcoholic beverages	724	559	720	998	900	1,269	815	898	831
Housing	27,512	27,799	28,300	41,367	31,853	33,090	24,843	30,893	25,141
Shelter	17,278	18,941	18,632	29,662	21,884	22,062	15,233	18,756	14,716
Owned dwellings	8,879	9,106	8,512	15,586	10,125	10,187	7,762	11,709	8,289
Rented dwellings	7,159	9,063	8,818	11,619	10,654	10,022	6,447	5,361	5,473
Other lodging	1,240	772	1,302	2,457	1,105	1,853	1,025	1,686	955
Utilities, fuels, and public services	4,289	4,913	4,252	4,650	3,812	4,188	4,316	4,564	5,007
Household operations	1,956	1,069	1,945	2,712	2,286	2,236	1,747	2,949	1,679
Housekeeping supplies	854	843	764	973	977	848	787	1,091	581
Household furnishings and equip.	3,134	2,033	2,707	3,369	2,895	3,757	2,759	3,534	3,158
Apparel and services	2,035	1,411	2,126	2,199	2,549	2,398	1,834	1,781	2,083
Transportation	12,767	10,103	13,112	12,991	12,619	14,481	11,736	12,994	13,745
Vehicle purchases (net outlay)	4,939	3,700	5,054	4,649	4,662	6,193	4,248	4,437	5,797
Gasoline and motor oil	2,946	2,571	3,154	2,694	3,140	2,677	2,640	2,531	3,191
Other vehicle expenses	4,040	3,004	4,080	4,317	3,959	4,036	4,111	4,791	3,669
Public and other transportation	842	828	825	1,330	858	1,574	736	1,235	1,087

Continued on next page.

Table 13.32-- AVERAGE ANNUAL EXPENDITURES AND OTHER CHARACTERISTICS OF CONSUMER UNITS, FOR SELECTED WESTERN METROPOLITAN STATISTICAL AREAS: 2021-2022 -- Con.

Item	All consumer units in the West 1/	Honolulu	Los Angeles	San Francisco	San Diego	Seattle	Phoenix	Denver	Anchorage
Healthcare	5,638	5,133	4,768	6,222	5,134	5,373	6,445	6,458	5,635
Entertainment	4,268	2,425	3,199	3,590	4,793	6,839	3,811	4,123	5,262
Personal care products and services	924	767	1,020	905	1,082	1,123	1,035	1,180	732
Reading	155	121	121	160	122	195	134	180	151
Education	1,239	1,589	1,671	2,613	1,411	894	935	1,893	1,088
Tobacco products & smoking supplies	290	236	241	119	146	375	281	245	425
Miscellaneous	1,093	680	1,157	742	1,112	1,502	1,298	1,206	999
Cash contributions	3,052	1,566	1,278	4,283	2,582	3,320	1,652	1,682	3,412
Personal insurance and pensions	9,253	9,634	9,137	12,556	11,546	12,550	8,600	10,885	11,121
Life and other personal insurance	501	436	425	574	702	498	667	338	419
Pensions and Social Security	8,753	9,198	8,712	11,982	10,845	12,052	7,933	10,547	10,702
Number of consumer units (1,000's)	30,497	589	6,415	1,904	1,340	2,019	1,360	1,381	199
Consumer unit characteristics									
Income before taxes	99,055	112,440	102,649	139,759	107,182	123,337	93,661	115,112	104,058
Age of reference person	51.2	54.1	51.2	52.3	50.3	48.3	51.5	49.3	49.1
Average number in consumer unit									
People	2.6	2.8	2.6	2.5	2.5	2.4	2.5	2.5	2.4
Children under 18	0.6	0.6	0.5	0.5	0.6	0.6	0.6	0.6	0.5
Adults 65 and older	0.4	0.5	0.4	0.4	0.4	0.3	0.4	0.3	0.3
Earners	1.4	1.5	1.4	1.4	1.4	1.3	1.3	1.4	1.4
Vehicles	2.0	1.7	1.7	1.6	1.8	1.9	1.8	1.8	2.6
Percent homeowner	59.0	58.0	53.0	56.0	52.0	54.0	60.0	70.0	62.0

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

Source: U.S. Bureau of Labor Statistics, Selected Western Metropolitan Statistical Areas: Average Annual Expenditures and Characteristics, (September 2023) <<https://www.bls.gov/cex/tables/geographic/mean.htm>> accessed September 8, 2023.

**Table 13.33-- 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> accessed June 16, 2016.

**Table 13.34-- 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> accessed June 16, 2016.

Table 13.35-- 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> accessed June 27, 2016.

**Table 13.36-- AVERAGE ANNUAL CONSUMER EXPENDITURES FOR
KAUAI COUNTY: 2014**

[In dollars and percent]

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

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

**Table 13.37-- AVERAGE ANNUAL CONSUMER EXPENDITURES,
BY COUNTY: 2014**

[As percent of total]

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

Source: Hawaii Department of Business, Economic Development & Tourism, Research & Economic Analysis Division, *Maui County Consumer Spending: 2014* "Table 2. Share of expenditures for Honolulu and Maui County households: 2014" (June 2016) <http://files.hawaii.gov/dbedt/economic/reports/CE_Maui_Survey_Final.pdf> 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> 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> accessed June 27, 2016.

Table 13.38-- PERSONAL CONSUMPTION EXPENDITURES, BY MAJOR TYPE OF PRODUCT: 2017 TO 2022

[In millions of current dollars. The source revised estimates in this series from 1997 to 2021]

Industry	2017	2018	2019	2020	2021	2022
Personal consumption expenditures (PCE)	61,319.4	63,974.4	66,783.5	63,900.8	71,696.3	78,713.6
Goods	18,145.3	19,050.3	19,538.3	19,431.7	22,129.2	23,803.5
Durable goods	5,042.7	5,268.2	5,308.8	5,517.8	6,721.3	7,162.1
Motor vehicles & parts	2,029.2	2,080.2	2,020.8	2,011.7	2,463.5	2,559.0
Furnishings & durable household equipment	1,386.9	1,469.4	1,499.6	1,611.3	1,831.0	1,948.0
Recreational goods & vehicles	852.9	905.9	948.2	1,162.5	1,514.2	1,677.1
Other durable goods	773.7	812.7	840.1	732.3	912.6	978.0
Nondurable goods	13,102.5	13,782.1	14,229.5	13,913.9	15,407.9	16,641.4
Food & beverages purchased for off-premises consumption	5,507.3	5,795.9	6,078.0	6,567.2	7,088.3	7,664.0
Clothing and footwear	2,057.1	2,161.0	2,154.3	1,549.3	1,950.6	2,081.7
Gasoline & other energy goods	916.1	1,044.3	968.3	645.7	923.8	1,171.7
Other nondurable goods	4,622.0	4,780.9	5,029.0	5,151.6	5,445.3	5,724.0
Services	43,174.1	44,924.1	47,245.2	44,469.1	49,567.1	54,910.1
Household consumption expenditures (for services)	40,563.0	42,146.1	44,435.0	41,236.7	46,625.2	51,508.9
Housing and utilities	12,643.4	12,794.4	13,585.6	14,241.9	14,741.4	15,923.6
Health care	9,466.1	9,994.7	10,653.1	10,403.9	11,259.5	11,793.3
Transportation services	1,903.3	2,001.0	2,235.2	1,250.0	2,183.3	3,044.5
Recreation services	2,664.1	2,759.2	2,789.8	2,031.0	2,621.9	3,027.9
Food services & accom.	4,681.4	4,928.9	5,191.0	3,796.6	5,529.0	6,948.8
Financial services & insurance	4,434.7	4,607.9	4,622.7	4,647.7	4,885.1	5,035.5
Other services	4,769.9	5,060.0	5,357.4	4,865.7	5,404.9	5,735.3
Net foreign travel	-413.1	-331.4	-177.2	-45.1	103.8	-6.6
Foreign travel by U.S. res.	596.7	690.1	846.4	236.9	461.5	950.6
Less: Exp. in U.S. by nonres.	1,009.8	1,021.5	1,023.6	282.0	357.7	957.2
Final consumption expenditures of nonprofit institutions serving households (NPISHs)	2,611.1	2,778.0	2,810.2	3,232.4	2,941.8	3,401.2
Gross output of nonprofit institutions	7,699.7	8,186.8	8,574.1	8,678.3	8,902.5	9,230.9
Less: Receipts from sales of goods & serv. by nonprof. inst.	5,088.5	5,408.8	5,763.8	5,445.9	5,960.6	5,829.7

Source: U.S. Bureau of Economic Analysis (BEA), Interactive Tables: SAEXP1 Total personal consumption expenditures (PCE) by state: 1997 to 2022 <<https://apps.bea.gov/itable/?ReqID=70&step=1>> accessed October 4, 2023. See also "Personal Consumption Expenditures, By State: 2022" (October 4, 2023) <<https://www.bea.gov/sites/default/files/2023-10/pce1023.pdf>> accessed October 4, 2023.

**Table 13.39-- PERSONAL CONSUMPTION EXPENDITURES PER CAPITA,
BY MAJOR TYPE OF PRODUCT: 2016 TO 2022**

[Per capita PCE estimates are in current dollars. BEA produced intercensal population figures for 2010 to 2019 that are tied to the Census Bureau decennial counts for 2010 and 2020. Per capita values are computed from unrounded data. Source revised 1997 to 2021 estimates]

Industry	2016	2017	2018	2019	2020	2021	2022
Personal consumption expend. (PCE) per cap.	40,231	42,047	43,813	45,835	44,038	49,543	54,655
Goods	11,973	12,442	13,046	13,410	13,392	15,292	16,528
Durable goods	3,319	3,458	3,608	3,644	3,803	4,644	4,973
Motor vehicles & parts	1,325	1,391	1,425	1,387	1,386	1,702	1,777
Furnishings & durable household equipment	903	951	1,006	1,029	1,110	1,265	1,353
Rec. goods & vehicles	574	585	620	651	801	1,046	1,165
Other durable goods	517	531	557	577	505	631	679
Nondurable goods	8,654	8,984	9,439	9,766	9,589	10,647	11,555
Food & bev. purchased for off-premises consumption	3,618	3,776	3,969	4,171	4,526	4,898	5,322
Clothing and footwear	1,354	1,411	1,480	1,479	1,068	1,348	1,445
Gasoline & other energy goods	553	628	715	665	445	638	814
Other nondurable goods	3,129	3,169	3,274	3,451	3,550	3,763	3,974
Services	28,257	29,605	30,766	32,426	30,646	34,251	38,127
Household consumption expend. (for services)	26,503	27,814	28,864	30,497	28,419	32,219	35,765
Housing and utilities	8,350	8,670	8,762	9,324	9,815	10,187	11,057
Health care	6,164	6,491	6,845	7,312	7,170	7,780	8,189
Transportation services	1,219	1,305	1,370	1,534	861	1,509	2,114
Recreation services	1,808	1,827	1,890	1,915	1,400	1,812	2,102
Food services & accom.	2,981	3,210	3,376	3,563	2,616	3,821	4,825
Financial serv. & insur.	2,808	3,041	3,156	3,173	3,203	3,376	3,496
Other services	3,172	3,271	3,465	3,677	3,353	3,735	3,982
Final cons. expend. of of nonprofit inst. serving households (NPISHs)	1,754	1,790	1,903	1,929	2,228	2,033	2,362
Gross output of nonprofit institutions	5,132	5,280	5,607	5,885	5,981	6,152	6,409
Less: Receipts from sales of goods & serv. by nonprof. inst.	3,378	3,489	3,704	3,956	3,753	4,119	4,048

Source: U.S. Bureau of Economic Analysis (BEA), Interactive Tables: SAEXP1 Total personal consumption expenditures (PCE) by state: 1997 to 2022 <<https://apps.bea.gov/itable/?ReqID=70&step=1>> accessed October 4, 2023. See also "Personal Consumption Expenditures, By State: 2022" (October 4, 2023) <<https://www.bea.gov/sites/default/files/2023-10/pce1023.pdf>> accessed October 4, 2023.

**Table 13.41-- PERSONAL CONSUMPTION EXPENDITURES PER CAPITA
FOR THE UNITED STATES AVERAGE, THE 50 STATES AND THE
DISTRICT OF COLUMBIA: 2016 TO 2022**

[Per capita PCE estimates are in current dollars. BEA produced intercensal population figures for 2010 to 2019 that are tied to the Census Bureau decennial counts for 2010 and 2020. Per capita values are computed from unrounded data. Source revised 1997 to 2021 estimates]

State	2016	2017	2018	2019	2020	2021	2022
U.S. average	39,236	40,691	42,413	43,659	42,853	48,318	52,542
Hawaii	40,231	42,047	43,813	45,835	44,038	49,543	54,655
Hawaii as % of U.S.	102.5	103.3	103.3	105.0	102.8	102.5	104.0
Alabama	32,005	33,020	34,053	35,345	34,878	39,174	42,391
Alaska	45,703	47,074	48,904	50,140	47,762	53,982	59,179
Arizona	35,827	37,651	39,285	40,519	40,605	46,023	50,123
Arkansas	31,828	32,785	34,151	34,722	34,979	39,231	42,245
California	42,472	44,443	46,948	49,004	47,720	54,838	60,272
Colorado	42,285	44,281	46,115	48,067	47,355	54,126	59,371
Connecticut	47,588	49,084	50,888	51,713	51,237	56,371	60,413
Delaware	42,563	43,879	45,782	46,730	45,032	50,700	54,532
Dist. of Col.	64,561	66,501	69,871	72,117	69,929	79,105	85,732
Florida	40,682	42,102	44,005	45,273	44,655	51,038	55,516
Georgia	35,012	36,470	37,967	39,074	38,419	43,681	47,406
Hawaii	40,231	42,047	43,813	45,835	44,038	49,543	54,655
Idaho	31,610	32,724	33,973	34,643	34,689	39,639	43,508
Illinois	40,351	41,749	43,625	44,665	43,902	49,429	54,341
Indiana	34,627	36,173	37,593	38,310	38,193	42,565	46,579
Iowa	35,631	36,790	37,817	38,615	37,898	42,247	45,455
Kansas	35,643	36,710	37,966	38,971	38,541	42,438	46,069
Kentucky	33,301	34,456	35,940	36,704	36,486	41,027	44,193
Louisiana	34,426	35,577	36,862	37,830	37,393	42,115	45,178
Maine	41,399	43,245	45,253	46,310	46,170	51,730	55,789
Maryland	42,125	43,147	44,612	45,295	43,670	48,549	52,651
Massachusetts	49,061	50,990	52,863	54,409	52,701	59,267	64,214
Michigan	38,081	39,450	40,991	42,040	41,154	46,019	49,482
Minnesota	42,026	43,524	45,231	45,893	43,668	48,846	52,849
Mississippi	30,195	30,952	31,767	32,368	32,751	36,681	39,678
Missouri	37,331	38,477	39,942	40,742	40,251	44,827	48,613
Montana	38,364	39,685	41,576	42,555	42,067	48,015	51,913
Nebraska	37,865	38,869	39,995	40,872	40,371	45,469	49,522
Nevada	37,334	39,008	40,610	41,723	40,581	46,176	50,922
New Hampshire	46,880	49,084	50,571	51,826	51,357	56,507	60,828
New Jersey	45,607	46,736	48,411	50,009	48,875	55,472	60,082

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**Table 13.41-- PERSONAL CONSUMPTION EXPENDITURES PER CAPITA
FOR THE UNITED STATES AVERAGE, THE 50 STATES AND THE
DISTRICT OF COLUMBIA: 2016 TO 2022 -- Con.**

State	2016	2017	2018	2019	2020	2021	2022
New Mexico	32,896	33,853	35,349	35,705	35,031	39,950	43,336
New York	43,996	45,811	47,925	49,614	47,813	53,354	58,571
North Carolina	35,028	36,372	37,769	39,066	39,063	44,287	47,834
North Dakota	43,099	43,083	44,511	45,787	45,008	49,209	52,631
Ohio	36,834	38,164	39,380	40,364	39,700	44,215	47,768
Oklahoma	32,267	33,224	34,621	35,108	34,747	38,889	42,046
Oregon	37,857	39,694	41,613	42,776	42,277	47,649	52,159
Pennsylvania	41,003	42,352	44,338	45,489	44,184	48,874	53,703
Rhode Island	39,826	41,044	42,598	43,673	43,199	48,711	52,820
South Carolina	34,947	35,995	37,178	38,340	38,134	42,930	46,220
South Dakota	37,560	38,776	40,368	41,346	41,284	45,944	48,997
Tennessee	34,300	35,610	36,770	38,004	37,751	42,741	46,280
Texas	36,749	38,066	39,450	40,509	40,235	45,460	49,082
Utah	33,023	34,424	36,280	37,734	38,228	43,850	48,189
Vermont	43,655	44,891	47,255	48,187	47,168	51,197	55,743
Virginia	40,164	41,093	42,644	43,669	42,913	48,003	52,057
Washington	41,937	43,736	45,821	47,202	46,208	52,155	56,567
West Virginia	34,297	35,123	36,710	37,645	37,395	41,273	44,460
Wisconsin	37,578	39,054	40,432	41,453	40,430	45,491	49,284
Wyoming	40,452	41,471	42,888	43,862	44,286	48,858	52,403

Source: U.S. Bureau of Economic Analysis (BEA), Interactive Tables: SAEXP1 Total personal consumption expenditures (PCE) by state: 1997 to 2022 <<https://apps.bea.gov/itable/?ReqID=70&step=1>> accessed October 4, 2023. See also "Personal Consumption Expenditures, By State: 2022" (October 4, 2023) <<https://www.bea.gov/sites/default/files/2023-10/pce1023.pdf>> accessed October 4, 2023.

Table 13.41-- PERSONAL CONSUMPTION EXPENDITURES, TOTAL AND PER CAPITA, IN CONSTANT DOLLARS, FOR THE UNITED STATES, THE 50 STATES, AND THE DISTRICT OF COLUMBIA: 2017 TO 2022

State	2017	2018	2019	2020	2021	2022
Real personal consumption expenditures (millions of constant 2017 dollars) 1/						
United States	13,290,626	13,654,925	13,928,264	13,576,965	14,718,157	15,090,797
Alabama	181,496	190,027	193,422	191,489	206,172	211,183
Alaska	33,307	33,814	34,536	33,013	34,702	36,682
Arizona	264,659	275,644	283,110	280,844	317,486	318,201
Arkansas	110,660	115,088	114,868	114,208	122,557	128,037
California	1,579,558	1,624,412	1,685,456	1,610,290	1,760,081	1,802,396
Colorado	240,862	255,815	259,882	252,189	280,497	292,092
Connecticut	165,214	173,064	173,482	167,579	182,368	177,408
Delaware	42,805	43,890	44,807	44,121	47,951	48,856
Dist. of Col.	41,134	42,100	43,837	40,430	43,469	43,983
Florida	871,158	908,456	936,770	916,059	1,007,855	1,041,880
Georgia	399,122	413,280	425,652	416,943	451,513	465,205
Hawaii	55,519	56,565	57,741	53,968	58,454	61,198
Idaho	60,019	64,209	65,466	67,362	75,597	79,171
Illinois	538,080	549,215	557,906	534,948	568,123	581,884
Indiana	266,106	267,173	269,692	270,068	287,652	298,717
Iowa	130,357	127,969	129,279	127,316	138,046	141,784
Kansas	117,367	117,901	119,004	117,181	125,310	129,618
Kentucky	171,291	177,422	177,991	176,412	190,100	192,315
Louisiana	180,159	185,850	187,046	182,303	195,610	197,317
Maine	59,583	61,310	63,543	61,456	67,201	66,048
Maryland	247,089	252,331	256,625	242,158	259,029	266,490
Massachusetts	330,799	337,776	344,649	323,218	356,431	353,182
Michigan	427,671	428,256	429,451	419,481	449,898	457,968
Minnesota	252,124	251,500	255,082	243,406	260,130	266,445
Mississippi	105,163	107,467	107,274	108,157	115,139	115,115
Missouri	256,476	261,329	261,270	256,738	275,818	284,035
Montana	44,551	47,042	46,914	47,546	53,323	55,649
Nebraska	83,696	82,983	83,370	81,525	89,079	93,515
Nevada	115,495	124,586	125,146	124,337	139,705	144,682
New Hampshire	63,069	65,332	66,057	64,268	70,161	67,943
New Jersey	392,233	393,724	402,063	391,180	431,827	440,925
New Mexico	74,307	79,510	78,293	77,266	86,379	86,746
New York	841,269	866,638	884,637	834,353	886,172	923,029
North Carolina	397,709	409,323	425,809	427,007	457,835	468,160
North Dakota	37,236	36,889	36,830	36,467	38,617	39,866

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Table 13.41-- PERSONAL CONSUMPTION EXPENDITURES, TOTAL AND PER CAPITA, IN CONSTANT DOLLARS, FOR THE UNITED STATES, THE 50 STATES, AND THE DISTRICT OF COLUMBIA: 2017 TO 2022 -- Con.

State	2017	2018	2019	2020	2021	2022
Ohio	487,234	488,448	492,918	486,943	517,884	529,179
Oklahoma	143,269	148,652	149,768	146,851	158,392	164,074
Oregon	162,206	162,924	167,767	166,228	180,465	178,845
Pennsylvania	553,109	574,736	582,348	561,677	606,698	623,920
Rhode Island	43,453	44,647	45,120	44,466	48,022	47,550
South Carolina	192,470	198,270	205,468	205,775	218,436	224,912
South Dakota	38,661	37,944	38,372	38,327	41,938	43,659
Tennessee	257,850	273,540	276,033	275,903	301,599	306,354
Texas	1,102,132	1,127,626	1,147,174	1,137,634	1,252,566	1,302,566
Utah	109,011	117,829	121,189	125,949	142,009	148,611
Vermont	28,574	29,597	30,007	28,377	30,816	30,746
Virginia	345,021	350,103	362,305	350,601	372,586	381,395
Washington	303,107	316,402	322,556	316,480	340,338	345,506
West Virginia	71,914	72,834	73,942	73,306	74,313	76,209
Wisconsin	243,679	247,075	249,372	245,908	263,249	271,111
Wyoming	24,590	26,160	25,906	26,623	28,391	28,567
Real personal consumption expenditures per capita (millions of constant 2017 dollars) 1/						
United States	40,691	41,562	42,177	40,955	44,328	45,279
Alabama	36,649	38,186	38,658	38,059	40,827	41,618
Alaska	44,891	45,836	46,999	45,044	47,267	50,003
Arizona	38,469	39,548	40,041	39,115	43,701	43,239
Arkansas	37,000	38,398	38,235	37,890	40,473	42,039
California	40,066	41,087	42,618	40,765	44,965	46,181
Colorado	43,010	45,060	45,308	43,595	48,267	50,016
Connecticut	45,796	47,923	48,094	46,584	50,331	48,924
Delaware	44,519	45,198	45,661	44,472	47,721	47,973
Dist. of Col.	60,407	61,403	63,772	60,266	64,996	65,469
Florida	41,739	42,986	43,868	42,431	46,172	46,837
Georgia	38,272	39,238	39,994	38,858	41,853	42,629
Hawaii	38,070	38,738	39,629	37,193	40,393	42,493
Idaho	34,612	36,304	36,208	36,428	39,698	40,830
Illinois	41,633	42,612	43,416	41,837	44,782	46,247
Indiana	39,801	39,724	39,885	39,781	42,218	43,717
Iowa	41,218	40,351	40,605	39,904	43,171	44,300
Kansas	40,092	40,218	40,564	39,886	42,653	44,131
Kentucky	38,271	39,539	39,570	39,138	42,183	42,620
Louisiana	38,507	39,796	40,099	39,191	42,275	42,986

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Table 13.41-- PERSONAL CONSUMPTION EXPENDITURES, TOTAL AND PER CAPITA, IN CONSTANT DOLLARS, FOR THE UNITED STATES, THE 50 STATES, AND THE DISTRICT OF COLUMBIA: 2017 TO 2022 -- Con.

State	2017	2018	2019	2020	2021	2022
Maine	44,305	45,397	46,809	45,071	48,794	47,676
Maryland	40,421	41,104	41,635	39,227	41,951	43,229
Massachusetts	47,540	48,295	49,119	46,202	50,994	50,585
Michigan	42,555	42,525	42,612	41,658	44,822	45,641
Minnesota	44,979	44,512	44,856	42,629	45,545	46,604
Mississippi	35,249	36,128	36,131	36,562	39,036	39,154
Missouri	41,951	42,641	42,529	41,719	44,704	45,976
Montana	42,109	44,107	43,622	43,737	48,203	49,560
Nebraska	43,268	42,657	42,646	41,538	45,366	47,520
Nevada	39,076	41,368	40,778	39,907	44,402	45,529
New Hampshire	46,409	47,867	48,152	46,619	50,566	48,696
New Jersey	42,751	42,709	43,425	42,191	46,594	47,607
New Mexico	35,366	37,806	37,103	36,474	40,809	41,047
New York	41,667	42,855	43,746	41,493	44,627	46,909
North Carolina	39,086	39,834	41,059	40,864	43,331	43,757
North Dakota	48,568	47,821	47,429	46,781	49,640	51,158
Ohio	41,510	41,525	41,813	41,275	44,021	45,013
Oklahoma	36,544	37,840	37,975	37,038	39,685	40,816
Oregon	39,112	38,945	39,793	39,160	42,400	42,179
Pennsylvania	42,726	44,276	44,826	43,224	46,626	48,097
Rhode Island	40,052	40,895	41,223	40,558	43,776	43,474
South Carolina	38,759	39,488	40,466	40,098	42,061	42,576
South Dakota	44,429	43,350	43,481	43,171	46,797	47,986
Tennessee	38,260	40,188	40,224	39,838	43,281	43,446
Texas	39,093	39,551	39,753	38,917	42,375	43,376
Utah	34,875	37,043	37,488	38,355	42,529	43,957
Vermont	44,713	46,197	46,752	44,139	47,631	47,516
Virginia	40,578	40,962	42,142	40,595	43,037	43,921
Washington	40,703	41,916	42,227	40,973	43,967	44,377
West Virginia	39,453	40,227	41,069	40,921	41,620	42,931
Wisconsin	41,751	42,172	42,409	41,706	44,769	46,009
Wyoming	42,672	45,512	45,026	46,092	48,993	49,136

1/ Real personal consumption expenditures for states are personal consumption expenditures divided by the Regional Price Parity (RPP) and the national PCE price index. The result is a chained dollar (using 2017 as base year) estimate of real personal income. Real per capita personal income is total real personal income divided by total midyear population based on the 2010 and the 2020 Census. BEA will incorporate midyear population estimates based on the 2020 census results when they become available.

Source: U.S. Bureau of Economic Analysis, Real Personal Income and Real Personal Consumption Expenditures (PCE) by State (December 14, 2023) <<https://apps.bea.gov/itable/?ReqID=70&step=1>> accessed December 14, 2023. See also "Real Personal Consumption Expenditures and Personal Income by State, 2022" (December 14, 2023) <<https://www.bea.gov/sites/default/files/2023-12/rpp1222.pdf>> accessed December 14, 2023.

Table 13.42-- TOP WEALTHHOLDERS: 1962 TO 2019

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

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

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Table 13.42-- TOP WEALTHHOLDERS: 1962 TO 2019 -- Con.

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

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

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

**Table 13.43--TOP WEALTHHOLDERS, FOR HAWAII AND THE UNITED STATES
TOTAL: 2013, 2016, AND 2019**

[Data are estimates based on samples]

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

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

Table 13.44-- NET WORTH OF RICHEST RESIDENTS: 2013 TO 2023

Name	Residence	Age (yrs)	Net worth (million dollars)	Rank	Primary sources
2013 Omidyar, Pierre	Honolulu	46	8,500	47	Self made, launched Ebay on-line auction 1995, technology
2014 Omidyar, Pierre	Honolulu	47	8,200	59	Self made, launched Ebay on-line auction 1995, technology
2015 Omidyar, Pierre	Honolulu	48	8,400	57	Self made, launched Ebay on-line auction 1995, technology
2016 Omidyar, Pierre	Honolulu	49	8,100	54	Self made, launched Ebay on-line auction 1995, technology
2017 Omidyar, Pierre	Honolulu	50	9,600	1/ 48	Self made, launched Ebay on-line auction 1995, technology
2018 Omidyar, Pierre	Honolulu	51	11,600	38	Self made, launched Ebay on-line auction 1995, technology
2019 Omidyar, Pierre	Honolulu	52	13,001	36	eBay, PayPal
2020 Omidyar, Pierre	Honolulu	53	17,200	26	eBay, PayPal
2021 Ellison, Larry	Lanai	77	117,300	7	Software, self made
Omidyar, Pierre	Honolulu	54	25,300	26	eBay, PayPal, self made
2022 Ellison, Larry	Lanai	78	101,000	4	Software, self made
Omidyar, Pierre	Honolulu	55	9,900	65	eBay, PayPal, self made
2023 2/ Omidyar, Pierre	Honolulu	56	6,400	164	eBay, PayPal, self made

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

2/ Larry Ellison is listed as a Woodside, California resident.

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

Table 13.45-- HOUSEHOLD DEBT PER CAPITA FOR HAWAII AND THE UNITED STATES AVERAGE: 1999 TO 2023

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

Year	Total 1/	Auto loan	Credit card	Mortgage	Student loan	Population
Hawaii						
1999	35,400	1,050	2,810	26,870	420	871,060
2000	35,960	1,220	2,920	25,930	410	928,800
2001	34,680	1,410	3,080	24,940	540	972,040
2002	33,780	1,590	3,340	23,950	530	968,460
2003	40,700	1,990	3,330	31,730	730	982,360
2004	47,030	2,150	3,460	35,890	960	995,760
2005	51,810	2,400	3,480	39,870	1,090	1,013,460
2006	58,210	2,720	3,650	46,280	1,360	1,020,960
2007	65,040	2,560	4,030	52,570	1,500	1,020,540
2008	68,610	2,470	4,190	55,030	1,800	1,016,560
2009	68,320	2,200	3,930	55,300	2,020	1,016,220
2010	66,130	2,080	3,650	53,690	2,270	1,022,660
2011	66,540	2,390	3,580	53,110	2,350	1,019,300
2012	65,930	2,510	3,490	52,230	2,690	1,015,540
2013	64,670	2,630	3,290	51,060	2,920	1,057,500
2014	65,590	2,950	3,360	51,070	3,010	1,075,160
2015	67,010	3,330	3,460	51,770	3,150	1,082,720
2016	68,500	3,600	3,650	52,380	3,240	1,095,820
2017	71,170	3,650	3,860	54,680	3,530	1,103,340
2018	72,590	3,860	4,060	54,980	3,780	1,110,100
2019	74,230	3,920	4,290	56,160	3,780	1,120,800
2020	74,550	3,790	3,680	57,580	3,700	1,126,400
2021	77,410	3,970	3,750	60,600	3,770	1,135,640
2022	82,650	4,130	4,260	64,110	3,910	1,141,440
2023	82,860	4,210	4,770	63,620	4,070	1,148,680

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Table 13.45-- HOUSEHOLD DEBT PER CAPITA FOR HAWAII AND THE UNITED STATES AVERAGE: 1999 TO 2023 -- Con.

Year	Total 1/	Auto loan	Credit card	Mortgage	Student loan	Population
U. S. average 2/						
1999	22,860	1,830	2,370	15,870	530	213,710,272
2000	24,990	2,080	2,580	17,360	580	225,141,344
2001	25,830	2,340	2,720	17,670	720	235,396,400
2002	28,410	2,640	2,940	19,590	750	236,999,648
2003	33,430	2,960	2,960	23,740	1,060	238,403,344
2004	37,290	3,040	3,040	26,590	1,440	239,520,304
2005	40,650	3,240	3,060	29,230	1,610	243,048,144
2006	45,410	3,360	3,170	33,400	1,970	244,542,960
2007	50,170	3,360	3,490	37,250	2,250	243,167,856
2008	52,010	3,310	3,670	38,490	2,670	239,615,536
2009	49,820	3,030	3,370	36,810	3,010	239,480,736
2010	47,410	2,950	3,050	35,010	3,370	240,969,936
2011	47,790	3,050	2,950	34,200	3,620	240,874,656
2012	47,020	3,270	2,850	33,230	4,000	240,765,728
2013	45,310	3,420	2,710	31,630	4,250	253,855,344
2014	45,710	3,720	2,730	31,520	4,490	257,980,096
2015	46,000	4,070	2,800	31,330	4,660	261,651,840
2016	46,950	4,340	2,930	31,590	4,920	266,229,200
2017	48,800	4,520	3,100	32,940	5,130	268,041,568
2018	50,090	4,700	3,220	33,680	5,390	269,495,872
2019	51,580	4,850	3,390	34,790	5,510	273,188,864
2020	52,500	4,960	2,970	36,170	5,580	275,695,296
2021	55,480	5,210	3,060	38,830	5,640	278,741,920
2022	59,580	5,470	3,480	41,830	5,640	282,686,016
2023	60,690	5,640	3,950	42,670	5,620	284,561,760

1/ Includes components not shown separately.

2/ Data excluded Puerto Rico beginning 2018 and excluded other U.S. Territories such as Guam and the U.S. Virgin Islands, as well as certain other areas for the entire time series.

Source: Federal Reserve Bank of New York, "State Level Household Debt Statistics 1999-2016" (May 2017) accessed June 13, 2017; and *Ibid.* 2003-2023 (February 2024) <https://www.newyorkfed.org/medialibrary/Interactives/householdcredit/data/xls/area_report_by_year.xlsx> accessed March 15, 2024.

Table 13.46-- HOUSEHOLD DEBT DELINQUENCY PER CAPITA FOR HAWAII AND THE UNITED STATES AVERAGE: 1999 TO 2023

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

Year	Auto loan delinquency	Credit card delinquency	Mortgage delinquency	Student loan delinquency
Hawaii				
1999	1.87	5.87	2.13	5.51
2000	2.34	5.50	1.52	8.27
2001	1.96	6.44	1.17	15.18
2002	1.82	7.83	0.75	8.08
2003	1.90	7.67	0.58	4.64
2004	2.08	7.44	0.42	6.32
2005	1.74	7.23	0.30	6.88
2006	1.53	7.63	0.67	6.78
2007	2.26	7.78	1.38	7.80
2008	2.97	7.87	3.34	7.36
2009	3.93	10.47	7.24	10.67
2010	4.39	11.78	6.67	12.89
2011	3.77	10.29	6.07	7.96
2012	3.69	9.63	5.66	11.17
2013	2.53	8.77	4.47	11.53
2014	2.42	6.34	3.39	11.03
2015	2.64	6.97	2.78	9.59
2016	2.68	6.02	1.57	9.98
2017	3.34	6.20	1.30	9.93
2018	3.71	6.24	1.09	9.15
2019	4.09	7.17	0.71	14.29
2020	4.08	8.40	0.54	10.81
2021	3.19	7.27	0.38	8.46
2022	2.88	6.48	0.44	0.91
2023	5.24	8.31	0.55	0.99

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Table 13.46-- HOUSEHOLD DEBT DELINQUENCY PER CAPITA FOR HAWAII AND THE UNITED STATES AVERAGE: 1999 TO 2023 -- Con.

Year	Auto loan delinquency	Credit card delinquency	Mortgage delinquency	Student loan delinquency
U. S. average 1/				
1999	2.17	6.03	0.93	(NA)
2000	2.17	5.97	0.96	(NA)
2001	2.26	7.30	1.18	(NA)
2002	2.28	8.93	1.21	(NA)
2003	2.21	9.17	1.14	(NA)
2004	2.47	9.02	1.04	(NA)
2005	2.13	8.41	0.94	(NA)
2006	2.56	9.58	1.28	(NA)
2007	3.08	9.30	2.89	(NA)
2008	3.92	9.84	5.40	(NA)
2009	4.83	12.83	8.66	(NA)
2010	5.24	13.31	7.89	(NA)
2011	4.78	11.29	6.85	(NA)
2012	3.97	10.57	5.57	(NA)
2013	3.45	9.61	3.97	(NA)
2014	3.48	7.35	3.03	(NA)
2015	3.32	7.61	2.15	(NA)
2016	3.75	7.23	1.53	(NA)
2017	4.03	7.51	1.22	(NA)
2018	4.41	7.58	1.04	(NA)
2019	4.87	8.12	0.96	(NA)
2020	4.76	9.24	0.56	(NA)
2021	4.04	8.22	0.42	(NA)
2022	3.81	7.53	0.46	(NA)
2023	4.20	9.66	0.58	(NA)

NA Not available.

1/ Data excluded Puerto Rico beginning 2018 and excluded other U.S. Territories such as Guam and the U.S. Virgin Islands, as well as certain other areas for the entire time series.

Source: Federal Reserve Bank of New York, "State Level Household Debt Statistics 1999-2016" (May 2017) accessed June 13, 2017; and *Ibid.* 2003-2023 (February 2024)

<https://www.newyorkfed.org/medialibrary/Interactives/householdcredit/data/xls/area_report_by_year.xlsx> accessed March 15, 2024.

Table 13.47-- HOUSEHOLD DEBT PER CAPITA FOR EACH OF THE 50 STATES, THE DISTRICT OF COLUMBIA, AND THE UNITED STATES AVERAGE: 2023

[For 2023 fourth quarter. Data subject to sampling variation. Population for per capita calculations are those ages 18 years and older and with credit file with Equifax]

State	Rank 1/	Total 2/	Auto loan	Credit card	Mortgage	Student loan
U. S. average 3/	Btw. 19-20	60,690	5,640	3,950	42,670	5,620
Dist. of Columbia	1	104,190	3,750	5,190	79,730	12,900
Colorado	2	90,760	5,550	4,480	70,790	6,240
California	3	85,050	5,430	4,450	67,840	4,680
Hawaii	4	82,860	4,210	4,770	63,620	4,070
Washington	5	82,130	5,020	4,240	64,750	4,310
Maryland	6	80,660	6,020	4,720	59,810	7,110
Utah	7	80,240	6,090	3,850	61,620	4,230
Virginia	8	75,140	5,570	4,390	56,080	6,190
Massachusetts	9	74,780	4,280	4,300	56,840	6,340
Alaska	10	68,780	5,860	4,980	50,750	4,250
Nevada	11	68,040	6,190	4,490	50,270	4,640
New Jersey	12	67,700	5,050	4,750	48,690	6,550
Arizona	13	67,270	6,120	4,040	49,230	5,290
Oregon	14	66,430	4,470	3,670	49,840	5,740
Idaho	15	65,480	5,580	3,510	47,280	4,790
Connecticut	16	64,950	4,300	4,540	47,130	6,460
New Hampshire	17	64,640	6,160	4,140	44,570	5,950
Delaware	18	62,870	5,680	4,120	44,300	6,330
Minnesota	19	62,680	4,700	3,740	45,500	6,250
Rhode Island	20	59,750	4,700	4,070	42,080	5,650
Georgia	21	59,370	6,510	4,180	38,380	7,560
Florida	22	58,390	6,560	4,540	39,080	5,220
New York	23	57,730	4,430	4,470	40,130	6,160
North Carolina	24	57,650	6,000	3,720	38,930	5,710
Montana	25	57,070	4,940	3,550	40,430	4,550
Texas	26	56,560	7,810	4,200	36,690	5,350
South Carolina	27	55,610	5,830	3,600	36,770	6,250
Wyoming	28	53,400	5,150	3,620	38,070	3,820
Tennessee	29	53,270	5,700	3,280	35,560	5,320
Illinois	30	52,780	4,880	3,910	36,030	6,050
Vermont	31	51,200	5,970	3,510	33,120	6,090
North Dakota	32	51,190	6,180	3,700	33,200	5,290

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**Table 13.47-- HOUSEHOLD DEBT PER CAPITA FOR EACH OF THE 50 STATES, THE DISTRICT OF COLUMBIA, AND THE UNITED STATES
AVERAGE: 2023 -- Con.**

State	Rank 1/	Total 2/	Auto loan	Credit card	Mortgage	Student loan
Maine	33	51,010	5,640	3,370	33,100	5,510
South Dakota	34	49,610	5,240	3,260	32,220	5,160
Pennsylvania	35	48,760	4,850	3,720	30,670	6,570
Nebraska	36	47,980	4,930	3,380	32,300	5,030
Wisconsin	37	47,480	4,570	3,130	32,310	4,890
New Mexico	38	47,140	6,550	3,230	30,760	4,100
Missouri	39	47,000	4,990	3,270	30,840	5,500
Indiana	40	46,870	5,250	3,140	30,480	5,110
Louisiana	41	46,660	6,860	3,300	27,730	5,980
Michigan	42	46,500	5,010	3,360	29,670	6,020
Iowa	43	46,130	5,130	3,060	30,420	5,140
Alabama	44	46,110	6,130	3,060	28,170	5,490
Ohio	45	44,870	5,330	3,290	27,440	6,210
Kansas	46	44,280	4,820	3,360	28,690	5,540
Kentucky	47	41,170	4,860	2,880	25,270	5,330
Oklahoma	48	40,990	6,130	3,200	24,730	4,720
Arkansas	49	40,580	6,150	3,040	24,000	4,940
Mississippi	50	39,510	6,280	2,780	20,750	6,330
West Virginia	51	35,430	6,070	2,880	19,610	4,500

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

2/ Includes components not shown separately.

3/ Data excluded Puerto Rico beginning 2018 and excluded other U.S. Territories such as Guam and the U.S. Virgin Islands, as well as certain other areas for the entire time series.

Source: Federal Reserve Bank of New York, "State Level Household Debt Statistics 2003-2022" (March 2023) <https://www.newyorkfed.org/medialibrary/Interactives/householdcredit/data/xls/area_report_by_year.xlsx> accessed March 15, 2024; and calculations by Hawaii State Department of Business, Economic Development & Tourism.