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Section 13

INCOME, EXPENDITURES, AND WEALTH

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

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

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

[In millions of dollars]

| Year | Value of production | | Defense expenditures 2/ | Visitor expenditures 3/ |
|---------|---------------------------|-----------------------------|-------------------------|-------------------------|
| | Raw sugar and molasses 1/ | Fresh & processed pineapple | | |
| 1990 | 328.9 | 215.9 | 2,713.1 | 8,825.9 |
| 1991 | 270.7 | 224.6 | 3,078.7 | 9,142.6 |
| 1992 | 237.6 | 197.7 | 3,063.5 | 8,754.5 |
| 1993 | 251.9 | 140.6 | 3,127.5 | 7,928.6 |
| 1994 | 247.9 | 134.1 | 3,403.8 | 9,677.0 |
| 1995 | 200.2 | 135.0 | 3,087.5 | 10,207.9 |
| 1996 | 168.8 | 147.0 | 3,436.0 | 9,709.3 |
| 1997 | 132.5 | 136.7 | 3,407.8 | 10,249.4 |
| 1998 | 133.1 | 145.1 | 3,609.8 | 10,058.8 |
| 1999 | 131.3 | 144.8 | 3,577.5 | 10,005.1 |
| 2000 | 95.9 | 132.2 | 3,722.8 | 10,590.1 |
| 2001 | 90.6 | 136.6 | 3,991.9 | 9,061.3 |
| 2002 | 100.3 | 144.0 | 4,304.8 | 9,608.9 |
| 2003 | 99.0 | 142.9 | 4,842.1 | 10,054.5 |
| 2004 | 94.1 | 123.2 | 4,761.3 | 10,861.8 |
| 2005 | 92.5 | 113.4 | 5,015.3 | 11,904.0 |
| 2006 | 79.7 | (NA) | 5,379.2 | 12,491.6 |
| 2007 | 76.3 | (NA) | 5,466.7 | 12,811.1 |
| 2008 | 71.4 | (NA) | 6,107.2 | 11,398.5 |
| 2009 | 73.6 | (NA) | 8,319.7 | 9,993.2 |
| 2010 | 109.6 | (NA) | 9,995.0 | 11,066.3 |
| 2011 | 125.2 | (NA) | (NA) | 12,158.2 |
| 2012 | (NA) | (NA) | (NA) | 14,364.8 |
| 2013 | (NA) | (NA) | (NA) | 14,520.5 |
| 2014 | (NA) | (NA) | (NA) | 14,973.3 |
| 2015 | (NA) | (NA) | (NA) | 15,110.9 |
| 2016 | (NA) | (NA) | (NA) | 15,911.2 |
| 2017 4/ | (NA) | (NA) | (NA) | 16,794.4 |
| 2018 | (NA) | (NA) | (NA) | 17,642.5 |
| 2019 | (NA) | (NA) | (NA) | 17,844.3 |

NA Not available.

1/ Excludes government sugar support payments.

2/ Fiscal year ending September 30.

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

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

Source: USDA, NASS, Hawaii Field Office, *Statistics of Hawaii Agriculture* (annual), records, and for 2008 to 2011 <http://www.nass.usda.gov/Statistics_by_State/Hawaii/Publications/Annual_Statistical_Bulletin/index.asp> accessed July 30, 2013; Hawaii Tourism Authority, Tourism Research, *Annual Visitor Research Report* (annual) continues report published by the Hawaii Visitors' Bureau, the Hawaii Visitors & Convention Bureau, and the Hawaii State Department of Business, Economic Development & Tourism, and available 1999 to current <<https://www.hawaiitourismauthority.org/research/annual-visitor-research-reports/>> accessed September 3, 2020 and records; and U.S. Census Bureau, *Consolidated Federal Funds Report* (annual) and for 1993-2010 <<http://www.census.gov/govs/cffr/>> accessed July 14, 2012 and records.

**Table 13.02-- GROSS DOMESTIC PRODUCT, TOTAL AND PER CAPITA
AND RESIDENT POPULATION: 1963 TO 2020**

[The Standard Industrial Classification (SIC) 1972 is the basis for 1963 to 1986 and the 1987 for 1987 to 1997. The North American Industry Classification System (NAICS) 2012 is the basis for 1997 to 2020. Gross Domestic Product and per capita 1997 to 2019 and population 2010 to 2019 estimates are revised from previous *Data Book*]

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

Continued on next page.

**Table 13.02-- GROSS DOMESTIC PRODUCT, TOTAL AND PER CAPITA
AND RESIDENT POPULATION: 1963 TO 2020 -- Con.**

| Year and category | Gross domestic product | | Per capita gross domestic product | | Resident population 2/ |
|-------------------|-----------------------------|-------------------------------------|-----------------------------------|----------------------------|------------------------|
| | Millions of current dollars | Millions of chained 2012 dollars 1/ | Current dollars 1/ 2/ | Chained 2012 dollars 1/ 2/ | |
| NAICS 3/ | | | | | |
| 1997 | 37,701 | 55,741 | 31,115 | 46,005 | 1,211,640 |
| 1998 | 37,622 | 54,353 | 30,958 | 44,726 | 1,215,233 |
| 1999 | 39,247 | 55,174 | 32,427 | 45,587 | 1,210,300 |
| 2000 | 41,520 | 56,441 | 34,214 | 46,510 | 1,213,519 |
| 2001 | 42,983 | 56,133 | 35,061 | 45,788 | 1,225,948 |
| 2002 | 45,450 | 57,914 | 36,665 | 46,719 | 1,239,613 |
| 2003 | 48,923 | 60,829 | 39,102 | 48,618 | 1,251,154 |
| 2004 | 53,761 | 64,926 | 42,213 | 50,979 | 1,273,569 |
| 2005 | 58,659 | 68,553 | 45,376 | 53,030 | 1,292,729 |
| 2006 | 62,350 | 70,384 | 47,605 | 53,740 | 1,309,731 |
| 2007 | 65,224 | 71,180 | 49,574 | 54,101 | 1,315,675 |
| 2008 | 66,858 | 71,681 | 50,185 | 53,806 | 1,332,213 |
| 2009 | 65,711 | 69,123 | 48,794 | 51,327 | 1,346,717 |
| 2010 | 68,260 | 71,075 | 50,044 | 52,108 | 1,364,004 |
| 2011 | 70,630 | 72,236 | 51,197 | 52,362 | 1,379,562 |
| 2012 | 73,677 | 73,677 | 52,807 | 52,807 | 1,395,199 |
| 2013 | 75,808 | 74,294 | 53,809 | 52,735 | 1,408,822 |
| 2014 | 77,819 | 74,491 | 54,983 | 52,631 | 1,415,335 |
| 2015 | 82,644 | 77,177 | 58,077 | 54,235 | 1,422,999 |
| 2016 | 85,900 | 79,094 | 60,117 | 55,353 | 1,428,885 |
| 2017 | 89,619 | 81,040 | 62,857 | 56,839 | 1,425,763 |
| 2018 | 93,101 | 82,204 | 65,421 | 57,764 | 1,423,102 |
| 2019 | 95,744 | 82,471 | 67,634 | 58,258 | 1,415,615 |
| 2020 | 89,856 | 75,863 | 63,863 | 53,918 | 1,407,006 |

NA Not available.

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

2/ Per capita statistics for 1997-2020 reflect the U.S. Census Bureau midyear population estimates available as of December 2020. These were used to calculate the current dollar and chained 2012 dollar (real) per capita GDP. 2010-2020 state population 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.

3/ There is a discontinuity in the GDP time series at 1997, where the data change from Standard Industrial Classification (SIC) industry definitions to North American Industry Classification System (NAICS) industry definitions. This discontinuity results from many sources, including differences in source data and different estimation methodologies. This data discontinuity may affect both the levels and the growth rates of the GDP estimates. Users of the GDP estimates are strongly cautioned against appending the two data series in an attempt to construct a single time series of GDP estimates for 1963 to 2019.

Source: U.S. Bureau of Economic Analysis, Gross Domestic Product by State (March 26, 2021) <<https://apps.bea.gov/iTable/iTable.cfm?acrdn=6&isuri=1&reqid=70&step=1#reqid=70&step=1&isuri=1>> accessed July 10, 2021; Ibid. SAINC1 Personal Income Summary (March 24, 2021) <<https://apps.bea.gov/iTable/iTable.cfm?acrdn=6&isuri=1&reqid=70&step=1#reqid=70&step=1&isuri=1>> accessed July 10, 2021; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

Table 13.03-- GROSS DOMESTIC PRODUCT, HAWAII AND THE UNITED STATES: 1963 TO 2020

[The Standard Industrial Classification (SIC) 1972 is the basis for 1963 to 1986 and the 1987 for 1987 to 1997. The North American Industry Classification System (NAICS) 2012 is the basis for 1997 to 2020]

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

Continued on next page.

Table 13.03-- GROSS DOMESTIC PRODUCT, HAWAII AND THE UNITED STATES: 1963 TO 2020 -- Con.

| Year and category | Hawaii 2/ | | | United States 2/ | | |
|-------------------|---------------------|--------------------------------|--------------------------------------|---------------------|--------------------------------|--------------------------------------|
| | Millions of dollars | | Chained quantity index 1/ (2012=100) | Millions of dollars | | Chained quantity index 1/ (2012=100) |
| | Current | Real 1/ (chained 2012 dollars) | | Current | Real 1/ (chained 2012 dollars) | |
| NAICS 3/ | | | | | | |
| 1997 | 37,701 | 55,741 | 75.656 | 8,577,552 | 11,521,938 | 71.136 |
| 1998 | 37,622 | 54,353 | 73.772 | 9,062,817 | 12,038,283 | 74.324 |
| 1999 | 39,247 | 55,174 | 74.887 | 9,630,663 | 12,610,491 | 77.857 |
| 2000 | 41,520 | 56,441 | 76.606 | 10,252,347 | 13,130,987 | 81.070 |
| 2001 | 42,983 | 56,133 | 76.189 | 10,581,822 | 13,262,079 | 81.880 |
| 2002 | 45,450 | 57,914 | 78.605 | 10,936,418 | 13,493,064 | 83.306 |
| 2003 | 48,923 | 60,829 | 82.561 | 11,458,246 | 13,879,129 | 85.689 |
| 2004 | 53,761 | 64,926 | 88.122 | 12,213,730 | 14,406,382 | 88.945 |
| 2005 | 58,659 | 68,553 | 93.046 | 13,036,637 | 14,912,509 | 92.070 |
| 2006 | 62,350 | 70,384 | 95.531 | 13,814,609 | 15,338,257 | 94.698 |
| 2007 | 65,224 | 71,180 | 96.611 | 14,451,860 | 15,626,029 | 96.475 |
| 2008 | 66,858 | 71,681 | 97.292 | 14,712,845 | 15,604,687 | 96.343 |
| 2009 | 65,711 | 69,123 | 93.819 | 14,448,932 | 15,208,834 | 93.899 |
| 2010 | 68,260 | 71,075 | 96.469 | 14,992,052 | 15,598,753 | 96.306 |
| 2011 | 70,630 | 72,236 | 98.045 | 15,542,582 | 15,840,664 | 97.800 |
| 2012 | 73,677 | 73,677 | 100.000 | 16,197,007 | 16,197,007 | 100.000 |
| 2013 | 75,808 | 74,294 | 100.838 | 16,784,851 | 16,495,369 | 101.842 |
| 2014 | 77,819 | 74,491 | 101.105 | 17,527,258 | 16,912,038 | 104.415 |
| 2015 | 82,644 | 77,177 | 104.750 | 18,238,301 | 17,432,170 | 107.626 |
| 2016 | 85,900 | 79,094 | 107.352 | 18,745,075 | 17,730,509 | 109.468 |
| 2017 | 89,619 | 81,040 | 109.993 | 19,542,980 | 18,144,105 | 112.021 |
| 2018 | 93,101 | 82,204 | 111.574 | 20,611,861 | 18,687,786 | 115.378 |
| 2019 | 95,744 | 82,471 | 111.937 | 21,433,226 | 19,091,662 | 117.872 |
| 2020 | 89,856 | 75,863 | 102.967 | 20,936,558 | 18,426,076 | 113.762 |

NA Not available.

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

2/ Hawaii estimates revised 1997-2019 and the United States estimates revised 2015 to 2019.

3/ There is a discontinuity in the GDP time series at 1997, where the data change from Standard Industrial Classification (SIC) industry definitions to North American Industry Classification System (NAICS) industry definitions. This discontinuity results from many sources, including differences in source data and different estimation methodologies. This data discontinuity may affect both the levels and the growth rates of the GDP estimates. Users of the GDP estimates are strongly cautioned against appending the two data series in an attempt to construct a single time series of GDP estimates for 1963 to 2019.

Source: U.S. Bureau of Economic Analysis, Gross Domestic Product by State (March 26, 2021)

<<https://apps.bea.gov/itable/iTable.cfm?ReqID=70&step=1#reqid=70&step=1&isuri=1>> accessed July 10, 2021.

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

[In millions of current dollars. GDP estimates of private industries for 1987 forward are presented on the basis of the 1987 Standard Industrial Classification code (SIC). Estimates for earlier years are presented on the basis of the 1972 SIC. BEA released revised NAICS 1997 to 2017 estimates on May 6, 2019 but the current dollar SIC estimates shown here were not affected. Formerly called 'Gross State Product']

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

1/ Less than \$500,000.

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

Table 13.05-- GROSS DOMESTIC PRODUCT, BY NAICS INDUSTRY: 2010 TO 2020

[In millions of current dollars. Based on the 2012 North American Industry Classification System (NAICS) basis. Source revised GDP series from 1997 to 2019. 2010 to 2019 data here are revised from previous *Data Book*. See previous table for GDP for 1977 to 1997 on an SIC basis]

| Industry | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 |
|-----------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Total, all industries | 68,260 | 70,630 | 73,677 | 75,808 | 77,819 | 82,644 | 85,900 | 89,619 | 93,101 | 95,744 | 89,856 |
| Private industries | 53,138 | 54,846 | 57,570 | 59,624 | 60,966 | 65,362 | 68,236 | 71,809 | 74,677 | 76,615 | 70,632 |
| Agri., forestry, fish., & hunting | 480 | 559 | 536 | 519 | 471 | 486 | 425 | 470 | 397 | 410 | 410 |
| Mining, quar., gas & oil extr. | 87 | 70 | 70 | 63 | 63 | 63 | 71 | 66 | 87 | 82 | 58 |
| Utilities | 1,691 | 1,965 | 2,038 | 2,047 | 2,082 | 1,864 | 1,794 | 1,824 | 1,887 | 1,952 | 1,984 |
| Construction | 3,683 | 3,538 | 3,639 | 3,708 | 3,974 | 4,667 | 5,272 | 5,310 | 5,335 | 5,529 | 5,579 |
| Manufacturing | 1,260 | 1,357 | 1,428 | 1,542 | 1,667 | 1,665 | 1,580 | 1,808 | 2,027 | 1,660 | 1,448 |
| Wholesale trade | 2,135 | 2,229 | 2,332 | 2,452 | 2,533 | 2,691 | 2,680 | 2,806 | 2,842 | 2,970 | 2,635 |
| Retail trade | 4,480 | 4,814 | 5,098 | 5,257 | 5,296 | 5,480 | 5,477 | 5,728 | 5,980 | 6,189 | 6,301 |
| Trans. & warehousing | 3,172 | 3,096 | 3,399 | 3,608 | 3,740 | 4,232 | 4,563 | 4,860 | 4,955 | 5,489 | 4,389 |
| Information | 1,936 | 1,587 | 1,536 | 1,700 | 1,651 | 1,825 | 1,852 | 1,966 | 2,126 | 1,988 | 1,861 |
| Finance and insurance | 2,165 | 2,425 | 2,505 | 2,321 | 2,644 | 2,860 | 2,895 | 3,090 | 3,373 | 3,397 | 3,566 |
| Real estate, rental, & leasing | 13,467 | 13,655 | 14,308 | 14,648 | 14,544 | 15,991 | 17,229 | 17,979 | 17,960 | 18,369 | 18,541 |
| Prof., scientific & tech. serv. | 2,979 | 3,115 | 3,181 | 3,214 | 3,297 | 3,417 | 3,458 | 3,639 | 3,756 | 3,886 | 3,797 |
| Mgt of companies & enterprises | 750 | 794 | 887 | 985 | 992 | 1,023 | 1,064 | 1,100 | 1,138 | 1,195 | 1,089 |
| Administrative & waste services | 2,200 | 2,325 | 2,433 | 2,569 | 2,709 | 2,807 | 2,915 | 3,048 | 3,155 | 2,752 | 2,611 |
| Educational services | 872 | 894 | 932 | 925 | 926 | 908 | 958 | 966 | 999 | 1,040 | 904 |
| Health care & social assistance | 4,409 | 4,571 | 4,699 | 4,903 | 5,071 | 5,406 | 5,671 | 5,959 | 6,251 | 6,591 | 6,520 |
| Arts, entertainment, & recreation | 707 | 698 | 765 | 897 | 945 | 945 | 914 | 1,023 | 1,109 | 1,187 | 729 |
| Accommodation & food services | 5,089 | 5,544 | 6,136 | 6,574 | 6,591 | 7,195 | 7,516 | 8,168 | 9,183 | 9,684 | 6,204 |
| Accommodation | 3,179 | 3,546 | 4,017 | 4,303 | 4,169 | 4,506 | 4,619 | 5,041 | 5,873 | 6,220 | (NA) |
| Food serv. & drinking plcs | 1,910 | 1,997 | 2,119 | 2,271 | 2,422 | 2,689 | 2,897 | 3,127 | 3,310 | 3,464 | (NA) |
| Other services, exc. gov't | 1,574 | 1,611 | 1,648 | 1,693 | 1,771 | 1,839 | 1,905 | 2,000 | 2,119 | 2,245 | 2,006 |
| Government | 15,123 | 15,785 | 16,107 | 16,184 | 16,853 | 17,282 | 17,664 | 17,809 | 18,424 | 19,130 | 19,225 |
| Federal civilian | 3,765 | 3,992 | 4,097 | 3,955 | 4,076 | 4,190 | 4,325 | 4,466 | 4,628 | 4,819 | 4,951 |
| Federal military | 5,213 | 5,373 | 5,452 | 5,329 | 5,365 | 5,525 | 5,329 | 5,212 | 5,375 | 5,607 | 5,763 |
| State & local | 6,144 | 6,420 | 6,558 | 6,900 | 7,413 | 7,566 | 8,010 | 8,132 | 8,421 | 8,704 | 8,511 |

NA Not available.

Source: U.S. Bureau of Economic Analysis, Gross Domestic Product By State 1963 to 2019 (March 26, 2021)

<<https://www.bea.gov/itable/iTable.cfm?ReqID=70&step=1>> accessed July 10, 2021.

Table 13.06-- GROSS DOMESTIC PRODUCT, BY NAICS INDUSTRY, IN CONSTANT DOLLARS: 2010 TO 2020

[In millions of chained 2012 dollars. Based on the 2012 North American Industry Classification System (NAICS) basis. Source revised GDP series from 1997 to 2019. 2010 to 2019 data here are revised from previous *Data Book*]

| Industry | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 |
|-------------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Total, all industries | 71,075 | 72,236 | 73,677 | 74,294 | 74,491 | 77,177 | 79,094 | 81,040 | 82,204 | 82,471 | 75,863 |
| Private industries | 55,467 | 56,232 | 57,570 | 58,477 | 58,450 | 61,143 | 62,855 | 64,944 | 66,047 | 66,088 | 59,671 |
| Agri., forestry, fishing, & hunting | 648 | 577 | 536 | 504 | 497 | 608 | 613 | 625 | 544 | 573 | 610 |
| Mining | 94 | 69 | 70 | 70 | 71 | 79 | 91 | 75 | 94 | 87 | 85 |
| Utilities | 1,612 | 1,886 | 2,038 | 1,978 | 1,857 | 1,659 | 1,662 | 1,650 | 1,654 | 1,663 | 1,742 |
| Construction | 3,840 | 3,634 | 3,639 | 3,579 | 3,605 | 4,057 | 4,427 | 4,305 | 4,182 | 4,116 | 4,053 |
| Manufacturing | 1,536 | 1,449 | 1,428 | 1,591 | 1,732 | 1,736 | 1,798 | 1,924 | 1,977 | 1,732 | 1,549 |
| Wholesale trade | 2,277 | 2,302 | 2,332 | 2,406 | 2,466 | 2,601 | 2,579 | 2,675 | 2,619 | 2,570 | 2,270 |
| Retail trade | 4,736 | 4,979 | 5,098 | 5,186 | 5,183 | 5,316 | 5,339 | 5,619 | 5,845 | 5,955 | 5,706 |
| Trans. & warehousing | 3,399 | 3,281 | 3,399 | 3,524 | 3,496 | 3,670 | 3,918 | 4,204 | 4,270 | 4,503 | 3,654 |
| Information | 1,924 | 1,589 | 1,536 | 1,699 | 1,668 | 1,905 | 1,969 | 2,153 | 2,353 | 2,225 | 2,089 |
| Finance and insurance | 2,285 | 2,522 | 2,505 | 2,242 | 2,439 | 2,577 | 2,488 | 2,586 | 2,643 | 2,642 | 2,725 |
| Real estate, rental, & leasing | 13,797 | 13,873 | 14,308 | 14,385 | 13,978 | 14,915 | 15,690 | 15,971 | 15,634 | 15,541 | 15,301 |
| Prof., scientific & tech. services | 3,066 | 3,159 | 3,181 | 3,166 | 3,227 | 3,277 | 3,298 | 3,423 | 3,492 | 3,568 | 3,454 |
| Mgt of companies & enterprises | 762 | 802 | 887 | 977 | 1,008 | 1,020 | 1,065 | 1,109 | 1,164 | 1,250 | 1,158 |
| Administrative & waste services | 2,235 | 2,351 | 2,433 | 2,527 | 2,612 | 2,633 | 2,651 | 2,730 | 2,791 | 2,383 | 2,208 |
| Educational services | 930 | 926 | 932 | 896 | 872 | 834 | 859 | 842 | 851 | 866 | 735 |
| Health care & social assistance | 4,557 | 4,658 | 4,699 | 4,844 | 4,959 | 5,222 | 5,363 | 5,544 | 5,738 | 5,949 | 5,719 |
| Arts, entertainment, & recreation | 742 | 723 | 765 | 883 | 913 | 876 | 820 | 908 | 963 | 1,006 | 598 |
| Accommodation & food services | 5,391 | 5,799 | 6,136 | 6,390 | 6,219 | 6,516 | 6,550 | 6,934 | 7,524 | 7,683 | 4,756 |
| Accommodation | 3,370 | 3,699 | 4,017 | 4,188 | 3,923 | 4,103 | 4,063 | 4,322 | 4,845 | 4,976 | (NA) |
| Food serv. & drinking places | 2,021 | 2,101 | 2,119 | 2,202 | 2,296 | 2,413 | 2,486 | 2,612 | 2,683 | 2,711 | (NA) |
| Other services, exc. gov't | 1,659 | 1,658 | 1,648 | 1,641 | 1,671 | 1,679 | 1,688 | 1,725 | 1,786 | 1,821 | 1,554 |
| Government | 15,609 | 16,003 | 16,107 | 15,817 | 16,040 | 16,038 | 16,244 | 16,101 | 16,164 | 16,388 | 16,189 |
| Federal civilian | 3,868 | 4,021 | 4,097 | 3,918 | 3,946 | 3,977 | 4,070 | 4,123 | 4,147 | 4,227 | 4,321 |
| Federal military | 5,355 | 5,412 | 5,452 | 5,280 | 5,194 | 5,243 | 5,014 | 4,811 | 4,817 | 4,919 | 5,029 |
| State & local | 6,387 | 6,570 | 6,558 | 6,617 | 6,891 | 6,812 | 7,141 | 7,145 | 7,177 | 7,222 | 6,843 |

NA Not available.

Source: U.S. Bureau of Economic Analysis, Gross Domestic Product By State 1963 to 2020 (March 26, 2021)

<<https://www.bea.gov/itable/iTable.cfm?ReqID=70&step=1>> accessed July 10, 2021.

Table 13.07-- TOTAL AND PER CAPITA PERSONAL INCOME FOR HAWAII AND THE UNITED STATES: 1969 TO 2020

[Hawaii and United States population, per capita personal income and Hawaii as percent of U.S. average for 2010 to 2014, and all 2015 to 2019 data are revised from previous *Data Book*]

| Year | Personal income (millions of dollars) | | Resident population 1/ | | Per capita personal income 2/ | | |
|------|--|-----------|---------------------------|-------------|----------------------------------|--------|---|
| | Hawaii | U.S. | Hawaii | U.S. | Dollars | | Hawaii as percent of U.S. average |
| | | | | | Hawaii | U.S. | |
| 1969 | 3,643 | 791,229 | 743,000 | 201,298,000 | 4,903 | 3,931 | 124.7 |
| 1970 | 4,225 | 855,525 | 762,920 | 203,798,722 | 5,538 | 4,198 | 131.9 |
| 1971 | 4,584 | 924,613 | 791,580 | 206,817,509 | 5,791 | 4,471 | 129.5 |
| 1972 | 5,048 | 1,016,408 | 818,104 | 209,274,882 | 6,170 | 4,857 | 127.0 |
| 1973 | 5,593 | 1,133,468 | 841,851 | 211,349,205 | 6,643 | 5,363 | 123.9 |
| 1974 | 6,361 | 1,244,912 | 858,121 | 213,333,635 | 7,412 | 5,836 | 127.0 |
| 1975 | 6,919 | 1,362,505 | 875,052 | 215,456,585 | 7,907 | 6,324 | 125.0 |
| 1976 | 7,466 | 1,495,704 | 892,335 | 217,553,859 | 8,367 | 6,875 | 121.7 |
| 1977 | 8,084 | 1,651,632 | 915,749 | 219,760,875 | 8,828 | 7,516 | 117.5 |
| 1978 | 8,954 | 1,855,849 | 928,816 | 222,098,244 | 9,640 | 8,356 | 115.4 |
| 1979 | 10,043 | 2,073,257 | 950,050 | 224,568,579 | 10,571 | 9,232 | 114.5 |
| 1980 | 11,484 | 2,313,160 | 967,710 | 227,224,719 | 11,867 | 10,180 | 116.6 |
| 1981 | 12,434 | 2,592,915 | 978,195 | 229,465,744 | 12,711 | 11,300 | 112.5 |
| 1982 | 13,166 | 2,779,794 | 993,780 | 231,664,432 | 13,249 | 11,999 | 110.4 |
| 1983 | 14,443 | 2,968,676 | 1,012,717 | 233,792,014 | 14,262 | 12,698 | 112.3 |
| 1984 | 15,473 | 3,279,488 | 1,027,922 | 235,824,907 | 15,052 | 13,906 | 108.2 |
| 1985 | 16,453 | 3,510,471 | 1,039,698 | 237,923,734 | 15,824 | 14,755 | 107.2 |
| 1986 | 17,458 | 3,719,647 | 1,051,762 | 240,132,831 | 16,599 | 15,490 | 107.2 |
| 1987 | 18,619 | 3,946,593 | 1,067,917 | 242,288,936 | 17,435 | 16,289 | 107.0 |
| 1988 | 20,478 | 4,267,813 | 1,079,827 | 244,499,004 | 18,964 | 17,455 | 108.6 |
| 1989 | 22,874 | 4,609,667 | 1,094,588 | 246,819,222 | 20,897 | 18,676 | 111.9 |
| 1990 | 24,979 | 4,897,821 | 1,113,491 | 249,622,814 | 22,433 | 19,621 | 114.3 |
| 1991 | 26,433 | 5,067,291 | 1,136,754 | 252,980,941 | 23,253 | 20,030 | 116.1 |
| 1992 | 28,435 | 5,409,920 | 1,158,613 | 256,514,224 | 24,542 | 21,090 | 116.4 |
| 1993 | 29,477 | 5,648,732 | 1,172,838 | 259,918,588 | 25,133 | 21,733 | 115.6 |
| 1994 | 30,164 | 5,940,128 | 1,187,536 | 263,125,821 | 25,400 | 22,575 | 112.5 |
| 1995 | 30,864 | 6,286,143 | 1,196,854 | 266,278,393 | 25,788 | 23,607 | 109.2 |
| 1996 | 30,895 | 6,673,186 | 1,203,755 | 269,394,284 | 25,665 | 24,771 | 103.6 |
| 1997 | 31,908 | 7,086,935 | 1,211,640 | 272,646,925 | 26,334 | 25,993 | 101.3 |
| 1998 | 32,531 | 7,601,594 | 1,215,233 | 275,854,104 | 26,769 | 27,557 | 97.1 |
| 1999 | 33,658 | 8,001,563 | 1,210,300 | 279,040,168 | 27,809 | 28,675 | 97.0 |
| 2000 | 35,682 | 8,650,325 | 1,213,519 | 282,162,411 | 29,404 | 30,657 | 95.9 |

Continued on next page.

Table 13.07-- TOTAL AND PER CAPITA PERSONAL INCOME FOR HAWAII AND THE UNITED STATES: 1969 TO 2020 -- Con.

| Year | Personal income (millions of dollars) | | Resident population 1/ | | Per capita personal income 2/ | | |
|------|--|------------|---------------------------|-------------|----------------------------------|--------|---|
| | Hawaii | U.S. | Hawaii | U.S. | Dollars | | Hawaii as percent of U.S. average |
| | | | | | Hawaii | U.S. | |
| 2001 | 37,204 | 9,001,839 | 1,225,948 | 284,968,955 | 30,347 | 31,589 | 96.1 |
| 2002 | 38,955 | 9,155,663 | 1,239,613 | 287,625,193 | 31,425 | 31,832 | 98.7 |
| 2003 | 40,791 | 9,480,901 | 1,251,154 | 290,107,933 | 32,603 | 32,681 | 99.8 |
| 2004 | 43,977 | 10,028,781 | 1,273,569 | 292,805,298 | 34,531 | 34,251 | 100.8 |
| 2005 | 47,306 | 10,593,946 | 1,292,729 | 295,516,599 | 36,594 | 35,849 | 102.1 |
| 2006 | 50,701 | 11,372,589 | 1,309,731 | 298,379,912 | 38,711 | 38,114 | 101.6 |
| 2007 | 53,423 | 12,002,204 | 1,315,675 | 301,231,207 | 40,605 | 39,844 | 101.9 |
| 2008 | 56,060 | 12,438,527 | 1,332,213 | 304,093,966 | 42,080 | 40,904 | 102.9 |
| 2009 | 55,690 | 12,051,307 | 1,346,717 | 306,771,529 | 41,352 | 39,284 | 105.3 |
| 2010 | 57,179 | 12,541,995 | 1,364,004 | 309,327,143 | 41,920 | 40,546 | 103.4 |
| 2011 | 60,045 | 13,315,478 | 1,379,562 | 311,583,481 | 43,524 | 42,735 | 101.8 |
| 2012 | 62,456 | 13,998,383 | 1,395,199 | 313,877,662 | 44,765 | 44,598 | 100.4 |
| 2013 | 63,317 | 14,175,503 | 1,408,822 | 316,059,947 | 44,943 | 44,851 | 100.2 |
| 2014 | 66,846 | 14,982,715 | 1,415,335 | 318,386,329 | 47,230 | 47,058 | 100.4 |
| 2015 | 70,376 | 15,717,140 | 1,422,999 | 320,738,994 | 49,456 | 49,003 | 100.9 |
| 2016 | 73,048 | 16,151,881 | 1,428,885 | 323,071,755 | 51,122 | 49,995 | 102.3 |
| 2017 | 76,110 | 16,937,582 | 1,425,763 | 325,122,128 | 53,382 | 52,096 | 102.5 |
| 2018 | 78,436 | 17,839,255 | 1,423,102 | 326,838,199 | 55,116 | 54,581 | 101.0 |
| 2019 | 80,727 | 18,542,262 | 1,415,615 | 328,329,953 | 57,026 | 56,474 | 101.0 |
| 2020 | 85,446 | 19,679,715 | 1,407,006 | 329,484,123 | 60,729 | 59,729 | 101.7 |

1/ U.S. Census Bureau midyear population estimate. 2010-2020 use state population estimates available as of December 2020. These population 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.

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 SAINCI (March 24, 2021) <<http://www.bea.gov/iTable/iTable.cfm?ReqID=70&step=1>> accessed July 10, 2021; and calculations by the Hawaii State Department of Business, Economic Development & Tourism.

Table 13.08-- TOTAL AND PER CAPITA DISPOSABLE PERSONAL INCOME FOR HAWAII AND THE UNITED STATES: 1969 TO 2020

[Hawaii and United States population, per capita personal income and Hawaii as percent of U.S. average for 2010 to 2014, and all 2015 to 2019 data are revised from previous *Data Book*]

| Year | Disposable personal income (millions of dollars) | | Resident population 1/ | | Per capita disposable personal income 2/ | | Hawaii as percent of U.S. average |
|------|---|-----------|------------------------|-------------|--|--------|-----------------------------------|
| | Hawaii | U.S. | Hawaii | U.S. | Dollars | | |
| | | | | | Hawaii | U.S. | |
| 1969 | 3,160 | 687,425 | 743,000 | 201,298,000 | 4,254 | 3,415 | 124.6 |
| 1970 | 3,687 | 753,099 | 762,920 | 203,798,722 | 4,833 | 3,695 | 130.8 |
| 1971 | 4,061 | 823,437 | 791,580 | 206,817,509 | 5,131 | 3,981 | 128.9 |
| 1972 | 4,419 | 893,321 | 818,104 | 209,274,882 | 5,401 | 4,269 | 126.5 |
| 1973 | 4,906 | 1,001,571 | 841,851 | 211,349,205 | 5,828 | 4,739 | 123.0 |
| 1974 | 5,599 | 1,094,397 | 858,121 | 213,333,635 | 6,525 | 5,130 | 127.2 |
| 1975 | 6,223 | 1,215,359 | 875,052 | 215,456,585 | 7,111 | 5,641 | 126.1 |
| 1976 | 6,662 | 1,323,488 | 892,335 | 217,553,859 | 7,465 | 6,083 | 122.7 |
| 1977 | 7,179 | 1,454,268 | 915,749 | 219,760,875 | 7,840 | 6,618 | 118.5 |
| 1978 | 7,896 | 1,626,753 | 928,816 | 222,098,244 | 8,501 | 7,324 | 116.1 |
| 1979 | 8,817 | 1,805,001 | 950,050 | 224,568,579 | 9,281 | 8,038 | 115.5 |
| 1980 | 10,092 | 2,014,396 | 967,710 | 227,224,719 | 10,429 | 8,865 | 117.6 |
| 1981 | 10,930 | 2,248,034 | 978,195 | 229,465,744 | 11,174 | 9,797 | 114.1 |
| 1982 | 11,786 | 2,426,023 | 993,780 | 231,664,432 | 11,860 | 10,472 | 113.3 |
| 1983 | 12,924 | 2,616,717 | 1,012,717 | 233,792,014 | 12,762 | 11,192 | 114.0 |
| 1984 | 13,866 | 2,902,515 | 1,027,922 | 235,824,907 | 13,490 | 12,308 | 109.6 |
| 1985 | 14,685 | 3,093,703 | 1,039,698 | 237,923,734 | 14,124 | 13,003 | 108.6 |
| 1986 | 15,553 | 3,282,912 | 1,051,762 | 240,132,831 | 14,788 | 13,671 | 108.2 |
| 1987 | 16,362 | 3,458,192 | 1,067,917 | 242,288,936 | 15,321 | 14,273 | 107.3 |
| 1988 | 17,976 | 3,763,033 | 1,079,827 | 244,499,004 | 16,647 | 15,391 | 108.2 |
| 1989 | 19,877 | 4,043,179 | 1,094,588 | 246,819,222 | 18,160 | 16,381 | 110.9 |
| 1990 | 21,724 | 4,304,512 | 1,113,491 | 249,622,814 | 19,510 | 17,244 | 113.1 |
| 1991 | 22,871 | 4,479,825 | 1,136,754 | 252,980,941 | 20,119 | 17,708 | 113.6 |
| 1992 | 25,106 | 4,798,176 | 1,158,613 | 256,514,224 | 21,669 | 18,705 | 115.8 |
| 1993 | 26,067 | 5,000,936 | 1,172,838 | 259,918,588 | 22,226 | 19,240 | 115.5 |
| 1994 | 26,702 | 5,247,927 | 1,187,536 | 263,125,821 | 22,485 | 19,945 | 112.7 |
| 1995 | 27,482 | 5,538,573 | 1,196,854 | 266,278,393 | 22,962 | 20,800 | 110.4 |
| 1996 | 27,343 | 5,836,986 | 1,203,755 | 269,394,284 | 22,714 | 21,667 | 104.8 |
| 1997 | 28,229 | 6,156,053 | 1,211,640 | 272,646,925 | 23,298 | 22,579 | 103.2 |
| 1998 | 28,667 | 6,570,164 | 1,215,233 | 275,854,104 | 23,589 | 23,818 | 99.0 |
| 1999 | 29,622 | 6,890,679 | 1,210,300 | 279,040,168 | 24,475 | 24,694 | 99.1 |
| 2000 | 31,336 | 7,415,075 | 1,213,519 | 282,162,411 | 25,823 | 26,279 | 98.3 |

Continued on next page.

**Table 13.08-- TOTAL AND PER CAPITA DISPOSABLE PERSONAL INCOME
FOR HAWAII AND THE UNITED STATES: 1969 TO 2020 -- Con.**

| Year | Disposable personal income (millions of dollars) | | Resident population 1/ | | Per capita disposable personal income 2/ | | Hawaii as percent of U.S. average |
|------|---|------------|------------------------|-------------|--|--------|-----------------------------------|
| | Hawaii | U.S. | Hawaii | U.S. | Dollars | | |
| | | | | | Hawaii | U.S. | |
| 2001 | 32,735 | 7,763,912 | 1,225,948 | 284,968,955 | 26,701 | 27,245 | 98.0 |
| 2002 | 34,909 | 8,104,480 | 1,239,613 | 287,625,193 | 28,161 | 28,177 | 99.9 |
| 2003 | 36,790 | 8,478,455 | 1,251,154 | 290,107,933 | 29,405 | 29,225 | 100.6 |
| 2004 | 39,661 | 8,981,157 | 1,273,569 | 292,805,298 | 31,142 | 30,673 | 101.5 |
| 2005 | 42,189 | 9,382,761 | 1,292,729 | 295,516,599 | 32,636 | 31,750 | 102.8 |
| 2006 | 45,128 | 10,017,121 | 1,309,731 | 298,379,912 | 34,456 | 33,572 | 102.6 |
| 2007 | 47,514 | 10,511,373 | 1,315,675 | 301,231,207 | 36,113 | 34,895 | 103.5 |
| 2008 | 50,136 | 10,932,716 | 1,332,213 | 304,093,966 | 37,633 | 35,952 | 104.7 |
| 2009 | 50,916 | 10,900,400 | 1,346,717 | 306,771,529 | 37,808 | 35,533 | 106.4 |
| 2010 | 52,409 | 11,305,991 | 1,364,004 | 309,327,143 | 38,423 | 36,550 | 105.1 |
| 2011 | 54,603 | 11,863,823 | 1,379,562 | 311,583,481 | 39,580 | 38,076 | 103.9 |
| 2012 | 56,782 | 12,490,913 | 1,395,199 | 313,877,662 | 40,698 | 39,795 | 102.3 |
| 2013 | 56,949 | 12,501,275 | 1,408,822 | 316,059,947 | 40,423 | 39,553 | 102.2 |
| 2014 | 60,081 | 13,200,377 | 1,415,335 | 318,386,329 | 42,450 | 41,460 | 102.4 |
| 2015 | 62,794 | 13,779,697 | 1,422,999 | 320,738,994 | 44,128 | 42,962 | 102.7 |
| 2016 | 65,122 | 14,196,265 | 1,428,885 | 323,071,755 | 45,575 | 43,942 | 103.7 |
| 2017 | 67,912 | 14,894,009 | 1,425,763 | 325,122,128 | 47,632 | 45,811 | 104.0 |
| 2018 | 69,973 | 15,757,141 | 1,423,102 | 326,838,199 | 49,169 | 48,211 | 102.0 |
| 2019 | 71,860 | 16,342,277 | 1,415,615 | 328,329,953 | 50,762 | 49,774 | 102.0 |
| 2020 | 77,277 | 17,489,158 | 1,407,006 | 329,484,123 | 54,923 | 53,080 | 103.5 |

1/ U.S. Census Bureau midyear population estimate. 2010-2020 use state population estimates available as of December 2020. These population 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.

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

Source: U.S. Bureau of Economic Analysis, State Disposable Personal Income Summary SAINC51 (March 24, 2021) <<http://www.bea.gov/iTable/iTable.cfm?ReqID=70&step=1>> accessed July 10, 2021; 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. BEA revised the state personal income series from 1998 to 2001]

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

Continued on next page.

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

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

NA Not available.

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

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

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

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

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

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

**Table 13.10-- PERSONAL INCOME BY MAJOR SOURCE, BY NAICS
INDUSTRY: 2017 TO 2020**

[In thousands of dollars. The estimates for 2016 are based on the 2012 North American Industry Classification System (NAICS) Code, and 2017 forward on the 2017 NAICS. BEA revised estimates for this series from 2015 to 2019. For earlier data, see source]

| Item | 2017 | 2018 | 2019 | 2020 |
|--|------------|------------|------------|------------|
| Personal income | 76,109,630 | 78,436,115 | 80,726,523 | 85,445,517 |
| Earnings by place of work | 53,625,769 | 55,708,532 | 57,466,336 | 53,710,623 |
| Less: Contrib. for gov't social ins. 1/ | 6,064,612 | 6,340,982 | 6,580,594 | 6,160,789 |
| Employee and self-employed | 3,147,429 | 3,326,612 | 3,469,913 | 3,215,423 |
| Employer | 2,917,183 | 3,014,370 | 3,110,681 | 2,945,366 |
| Net earnings by place of residence | 47,561,157 | 49,367,550 | 50,885,742 | 47,549,834 |
| Dividends, interest, and rent 2/ | 16,606,161 | 16,916,559 | 17,168,006 | 17,092,023 |
| Personal current transfer receipts | 11,942,312 | 12,152,006 | 12,672,775 | 20,803,660 |
| Wages and salaries | 37,102,115 | 38,293,063 | 39,570,051 | 36,452,566 |
| Supp. to wages & sal.- emp'er contrib. | 10,416,916 | 11,011,350 | 11,187,748 | 10,544,640 |
| For employee pension & ins. funds 3/ | 7,499,733 | 7,996,980 | 8,077,067 | 7,599,274 |
| For government social insurance | 2,917,183 | 3,014,370 | 3,110,681 | 2,945,366 |
| Proprietors' income 4/ | 6,106,738 | 6,404,119 | 6,708,537 | 6,713,417 |
| Farm proprietors' income | 39,695 | -13 | 14,489 | 66,788 |
| Nonfarm proprietors' income | 6,067,043 | 6,404,132 | 6,694,048 | 6,646,629 |
| Farm earnings | 264,558 | 208,754 | 230,919 | 299,173 |
| Nonfarm earnings | 53,361,211 | 55,499,778 | 57,235,417 | 53,411,450 |
| Private earnings | 37,968,543 | 39,578,290 | 40,701,231 | 37,009,003 |
| Forestry, fishing, rel. activ., & other | 91,528 | 84,973 | 90,099 | 99,295 |
| Mining, quarrying, oil & gas extraction | 29,123 | 28,815 | 31,504 | 32,105 |
| Utilities | 570,352 | 600,904 | 607,714 | 592,755 |
| Construction | 4,374,667 | 4,345,552 | 4,508,095 | 4,672,797 |
| Manufacturing | 955,677 | 999,794 | 972,057 | 864,454 |
| Wholesale trade | 1,413,998 | 1,411,918 | 1,462,939 | 1,330,273 |
| Retail trade | 3,198,378 | 3,325,389 | 3,415,452 | 3,142,725 |
| Transportation and warehousing | 2,384,943 | 2,456,354 | 2,609,905 | 2,272,230 |
| Information | 800,658 | 924,075 | 862,570 | 770,975 |
| Finance and insurance | 1,644,000 | 1,674,321 | 1,773,535 | 1,861,340 |
| Real estate and rental and leasing | 1,844,701 | 1,815,320 | 1,899,302 | 1,877,690 |
| Prof., scientific, & tech. services | 3,026,237 | 3,114,885 | 3,225,402 | 3,272,874 |
| Mgt of companies & enterprises | 974,298 | 1,019,574 | 1,068,452 | 961,144 |
| Admin. & supp. & waste mgt. & remed. | 2,534,553 | 2,617,769 | 2,256,386 | 2,096,182 |
| Educational services | 795,919 | 817,328 | 851,129 | 819,245 |
| Health care and social assistance | 5,355,070 | 5,630,930 | 5,911,118 | 6,020,718 |
| Arts, entertainment, and recreation | 693,315 | 744,363 | 784,028 | 532,423 |
| Accommodation & food services | 5,117,675 | 5,691,863 | 5,991,548 | 3,598,973 |
| Other services (exc. gov't & gov't ent.) | 2,163,451 | 2,274,163 | 2,379,996 | 2,190,805 |

Continued on next page.

Table 13.10-- PERSONAL INCOME BY MAJOR SOURCE, BY NAICS INDUSTRY: 2017 TO 2020 -- Con.

| Item | 2017 | 2018 | 2019 | 2020 |
|-----------------------------|------------|------------|------------|------------|
| Gov't and gov't enterprises | 15,392,668 | 15,921,488 | 16,534,186 | 16,402,447 |
| Federal | 8,462,422 | 8,748,443 | 9,132,402 | 9,278,562 |
| Civilian | 3,744,219 | 3,877,320 | 4,040,782 | 4,132,129 |
| Military | 4,718,203 | 4,871,123 | 5,091,620 | 5,146,433 |
| State and local | 6,930,246 | 7,173,045 | 7,401,784 | 7,123,885 |
| State | 5,162,182 | 5,303,035 | 5,459,158 | (NA) |
| Local | 1,768,064 | 1,870,010 | 1,942,626 | (NA) |

NA Not available.

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

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

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

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

Source: U.S. Bureau of Economic Analysis, Annual State Personal Income, "SAINC5N Personal Income by Major Component and Earnings by NAICS Industry" (March 24, 2021)

<<http://www.bea.gov/iTable/iTable.cfm?reqid=70&step=1>> accessed July 11 2021; and calculations by Hawaii Department of Business, Economic Development & Tourism.

**Table 13.11-- PERSONAL INCOME, TOTAL AND PER CAPITA, IN CONSTANT DOLLARS, BY STATE:
2011 TO 2019**

[2015 to 2018 revised from previous *Data Book*]

| State | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 |
|--|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Real personal income (millions of chained 2012 dollars) 1/ | | | | | | | | | |
| Alabama | 195,685 | 196,547 | 196,434 | 201,887 | 211,364 | 215,206 | 221,477 | 225,621 | 230,579 |
| Alaska | 36,763 | 37,230 | 36,603 | 37,656 | 39,156 | 38,048 | 37,979 | 38,950 | 39,964 |
| Arizona | 236,158 | 244,200 | 248,829 | 261,265 | 274,548 | 284,991 | 296,138 | 307,239 | 318,207 |
| Arkansas | 116,067 | 122,111 | 120,730 | 127,265 | 130,977 | 134,117 | 138,177 | 142,816 | 145,446 |
| California | 1,565,877 | 1,643,599 | 1,648,754 | 1,731,409 | 1,856,993 | 1,910,395 | 1,948,712 | 2,007,111 | 2,067,605 |
| Colorado | 224,786 | 234,861 | 241,406 | 259,111 | 270,794 | 275,514 | 290,822 | 306,902 | 315,856 |
| Connecticut | 214,513 | 214,002 | 208,141 | 214,267 | 219,836 | 224,685 | 228,563 | 235,213 | 239,860 |
| Delaware | 39,950 | 39,915 | 40,224 | 41,305 | 43,941 | 44,639 | 46,095 | 48,039 | 48,790 |
| Dist. of Colum. | 36,239 | 36,957 | 37,327 | 38,926 | 42,418 | 44,898 | 45,280 | 45,904 | 46,697 |
| Florida | 786,976 | 801,998 | 792,351 | 838,939 | 893,817 | 914,672 | 960,059 | 997,408 | 1,019,010 |
| Georgia | 398,311 | 400,844 | 400,847 | 424,077 | 445,790 | 459,334 | 476,467 | 492,132 | 502,145 |
| Hawaii | 52,460 | 53,116 | 52,907 | 55,007 | 57,407 | 59,217 | 60,444 | 61,413 | 61,855 |
| Idaho | 58,104 | 60,220 | 61,851 | 64,329 | 68,449 | 71,338 | 74,953 | 78,644 | 81,482 |
| Illinois | 573,658 | 590,346 | 602,178 | 625,265 | 653,625 | 656,274 | 668,831 | 689,636 | 699,158 |
| Indiana | 273,203 | 281,855 | 281,890 | 290,530 | 304,126 | 311,169 | 318,453 | 329,594 | 337,674 |
| Iowa | 142,481 | 146,602 | 146,703 | 150,185 | 156,189 | 156,095 | 157,248 | 164,021 | 168,092 |
| Kansas | 138,086 | 143,860 | 144,011 | 145,757 | 148,504 | 147,516 | 149,522 | 153,881 | 159,440 |
| Kentucky | 174,492 | 176,826 | 175,211 | 183,101 | 190,226 | 194,380 | 198,014 | 200,361 | 204,607 |
| Louisiana | 198,745 | 204,485 | 205,097 | 212,379 | 214,905 | 213,272 | 218,466 | 225,785 | 229,486 |
| Maine | 55,001 | 54,455 | 53,544 | 55,287 | 56,865 | 57,867 | 59,106 | 60,237 | 62,689 |
| Maryland | 281,917 | 286,716 | 282,683 | 287,925 | 302,781 | 313,093 | 319,881 | 326,184 | 331,806 |
| Massachusetts | 346,692 | 359,096 | 356,915 | 368,189 | 390,656 | 395,927 | 405,685 | 415,739 | 423,517 |
| Michigan | 400,197 | 409,885 | 409,183 | 425,386 | 451,436 | 461,113 | 468,145 | 479,511 | 487,047 |

Continued on next page.

**Table 13.11-- PERSONAL INCOME, TOTAL AND PER CAPITA, IN CONSTANT DOLLARS, BY STATE:
2011 TO 2019 -- Con.**

| State | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 |
|----------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Minnesota | 254,762 | 264,067 | 263,018 | 273,612 | 287,095 | 288,967 | 294,901 | 305,396 | 309,390 |
| Mississippi | 112,693 | 115,022 | 114,682 | 116,792 | 118,710 | 119,448 | 121,914 | 122,374 | 125,398 |
| Missouri | 264,196 | 271,061 | 267,818 | 274,322 | 284,422 | 290,351 | 292,983 | 301,589 | 307,820 |
| Montana | 41,457 | 43,339 | 42,547 | 44,031 | 45,957 | 47,263 | 49,285 | 51,060 | 51,969 |
| Nebraska | 94,636 | 95,374 | 94,716 | 98,991 | 103,465 | 101,111 | 102,255 | 105,491 | 107,683 |
| Nevada | 107,036 | 110,396 | 109,239 | 116,810 | 126,995 | 132,790 | 139,833 | 145,096 | 147,967 |
| New Hampshire | 62,641 | 64,055 | 63,111 | 64,685 | 67,009 | 68,461 | 70,161 | 72,529 | 74,129 |
| New Jersey | 422,550 | 430,479 | 432,620 | 445,155 | 465,038 | 470,670 | 477,157 | 481,954 | 493,487 |
| New Mexico | 78,071 | 78,598 | 76,167 | 79,935 | 82,953 | 85,128 | 85,730 | 89,382 | 91,184 |
| New York | 890,153 | 917,629 | 917,824 | 938,992 | 977,677 | 998,306 | 1,049,927 | 1,066,491 | 1,096,322 |
| North Carolina | 396,523 | 415,083 | 404,815 | 424,196 | 447,639 | 458,986 | 471,791 | 485,271 | 499,534 |
| North Dakota | 37,429 | 42,793 | 41,871 | 44,152 | 42,851 | 41,243 | 41,610 | 43,251 | 44,660 |
| Ohio | 513,527 | 525,966 | 525,407 | 540,330 | 562,105 | 568,997 | 581,342 | 596,755 | 606,786 |
| Oklahoma | 168,672 | 176,414 | 182,392 | 192,186 | 187,056 | 178,726 | 185,259 | 191,039 | 196,398 |
| Oregon | 151,792 | 156,747 | 156,875 | 165,985 | 179,028 | 182,749 | 188,801 | 196,226 | 200,650 |
| Pennsylvania | 584,801 | 597,932 | 594,296 | 614,708 | 638,043 | 650,420 | 664,238 | 685,150 | 700,099 |
| Rhode Island | 48,383 | 49,503 | 48,810 | 49,633 | 51,332 | 51,261 | 52,751 | 53,511 | 53,860 |
| South Carolina | 179,158 | 185,043 | 185,839 | 196,368 | 207,697 | 213,680 | 221,552 | 227,534 | 233,856 |
| South Dakota | 43,016 | 42,446 | 42,822 | 44,128 | 45,947 | 45,910 | 46,389 | 48,709 | 49,713 |
| Tennessee | 272,377 | 279,877 | 278,991 | 289,575 | 303,948 | 311,828 | 322,439 | 332,211 | 338,998 |
| Texas | 1,122,893 | 1,179,228 | 1,190,070 | 1,260,073 | 1,285,382 | 1,275,082 | 1,343,711 | 1,408,410 | 1,450,405 |
| Utah | 101,112 | 106,344 | 107,712 | 113,830 | 122,982 | 129,318 | 136,125 | 143,257 | 148,709 |
| Vermont | 28,060 | 28,203 | 28,185 | 28,394 | 29,228 | 29,524 | 29,460 | 29,921 | 30,599 |
| Virginia | 383,703 | 394,715 | 387,774 | 400,069 | 418,059 | 426,702 | 438,891 | 449,958 | 459,531 |
| Washington | 302,844 | 318,741 | 319,145 | 337,218 | 356,732 | 369,612 | 382,104 | 399,901 | 415,850 |
| West Virginia | 73,084 | 73,727 | 72,289 | 73,836 | 74,841 | 74,537 | 76,838 | 78,623 | 79,638 |
| Wisconsin | 257,262 | 263,611 | 262,634 | 269,732 | 282,376 | 286,052 | 292,345 | 302,717 | 308,294 |
| Wyoming | 29,957 | 32,266 | 31,695 | 33,238 | 33,565 | 31,797 | 32,981 | 35,225 | 35,458 |

Continued on next page.

**Table 13.11-- PERSONAL INCOME, TOTAL AND PER CAPITA, IN CONSTANT DOLLARS, BY STATE:
2011 TO 2019 -- Con.**

| State | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 |
|---|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Real per capita personal income (chained (2012) dollars) 1/ | | | | | | | | | |
| Alabama | 40,776 | 40,815 | 40,669 | 41,697 | 43,559 | 44,249 | 45,436 | 46,161 | 47,026 |
| Alaska | 50,909 | 50,968 | 49,660 | 51,144 | 53,093 | 51,315 | 51,343 | 52,983 | 54,629 |
| Arizona | 36,486 | 37,254 | 37,515 | 38,819 | 40,199 | 41,059 | 42,041 | 42,922 | 43,717 |
| Arkansas | 39,470 | 41,363 | 40,795 | 42,888 | 43,981 | 44,856 | 46,038 | 47,451 | 48,196 |
| California | 41,603 | 43,311 | 43,093 | 44,859 | 47,715 | 48,775 | 49,512 | 50,862 | 52,328 |
| Colorado | 43,894 | 45,230 | 45,816 | 48,431 | 49,681 | 49,739 | 51,823 | 53,925 | 54,848 |
| Connecticut | 59,782 | 59,535 | 57,900 | 59,609 | 61,285 | 62,794 | 63,964 | 65,858 | 67,277 |
| Delaware | 44,027 | 43,615 | 43,552 | 44,295 | 46,684 | 47,042 | 48,175 | 49,757 | 50,105 |
| Dist. of Colum. | 58,469 | 58,206 | 57,375 | 58,772 | 62,805 | 65,466 | 65,160 | 65,432 | 66,167 |
| Florida | 41,304 | 41,559 | 40,539 | 42,273 | 44,229 | 44,373 | 45,796 | 46,949 | 47,445 |
| Georgia | 40,634 | 40,483 | 40,195 | 42,124 | 43,797 | 44,587 | 45,769 | 46,820 | 47,294 |
| Hawaii | 38,033 | 38,081 | 37,569 | 38,887 | 40,369 | 41,481 | 42,435 | 43,230 | 43,687 |
| Idaho | 36,684 | 37,748 | 38,388 | 39,439 | 41,458 | 42,403 | 43,636 | 44,926 | 45,595 |
| Illinois | 44,582 | 45,825 | 46,698 | 48,528 | 50,831 | 51,189 | 52,339 | 54,204 | 55,174 |
| Indiana | 41,925 | 43,112 | 42,914 | 44,062 | 46,021 | 46,903 | 47,830 | 49,226 | 50,158 |
| Iowa | 46,466 | 47,657 | 47,431 | 48,301 | 50,045 | 49,849 | 50,054 | 52,093 | 53,277 |
| Kansas | 48,127 | 49,860 | 49,776 | 50,253 | 51,050 | 50,678 | 51,405 | 52,855 | 54,728 |
| Kentucky | 39,931 | 40,313 | 39,779 | 41,479 | 42,979 | 43,797 | 44,475 | 44,912 | 45,797 |
| Louisiana | 43,436 | 44,444 | 44,350 | 45,732 | 46,071 | 45,589 | 46,775 | 48,455 | 49,365 |
| Maine | 41,407 | 41,013 | 40,319 | 41,553 | 42,812 | 43,466 | 44,287 | 44,984 | 46,636 |
| Maryland | 48,278 | 48,703 | 47,725 | 48,332 | 50,585 | 52,153 | 53,102 | 54,041 | 54,883 |
| Massachusetts | 52,421 | 53,894 | 53,165 | 54,445 | 57,498 | 58,023 | 59,139 | 60,404 | 61,446 |
| Michigan | 40,496 | 41,414 | 41,277 | 42,839 | 45,454 | 46,340 | 46,941 | 48,028 | 48,769 |
| Minnesota | 47,653 | 49,114 | 48,586 | 50,194 | 52,370 | 52,323 | 52,980 | 54,474 | 54,860 |
| Mississippi | 37,833 | 38,548 | 38,372 | 39,055 | 39,723 | 39,977 | 40,794 | 41,051 | 42,134 |
| Missouri | 43,957 | 44,994 | 44,336 | 45,296 | 46,844 | 47,699 | 47,978 | 49,266 | 50,155 |
| Montana | 41,569 | 43,176 | 41,977 | 43,089 | 44,597 | 45,408 | 46,827 | 48,140 | 48,625 |

Continued on next page.

**Table 13.11-- PERSONAL INCOME, TOTAL AND PER CAPITA, IN CONSTANT DOLLARS, BY STATE:
2011 TO 2019 -- Con.**

| State | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 |
|----------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Nebraska | 51,414 | 51,461 | 50,779 | 52,674 | 54,706 | 53,060 | 53,370 | 54,783 | 55,667 |
| Nevada | 39,457 | 40,232 | 39,352 | 41,457 | 44,296 | 45,514 | 47,083 | 47,929 | 48,039 |
| New Hampshire | 47,448 | 48,372 | 47,572 | 48,513 | 50,144 | 51,002 | 52,018 | 53,588 | 54,518 |
| New Jersey | 47,864 | 48,670 | 48,845 | 50,218 | 52,440 | 53,058 | 53,701 | 54,237 | 55,559 |
| New Mexico | 37,526 | 37,655 | 36,404 | 38,254 | 39,704 | 40,699 | 40,984 | 42,710 | 43,487 |
| New York | 45,651 | 46,883 | 46,769 | 47,783 | 49,743 | 50,847 | 53,596 | 54,607 | 56,356 |
| North Carolina | 41,058 | 42,575 | 41,126 | 42,706 | 44,623 | 45,199 | 45,947 | 46,743 | 47,629 |
| North Dakota | 54,623 | 61,031 | 57,990 | 59,875 | 56,827 | 54,667 | 55,117 | 57,053 | 58,604 |
| Ohio | 44,482 | 45,542 | 45,385 | 46,569 | 48,384 | 48,907 | 49,859 | 51,108 | 51,910 |
| Oklahoma | 44,524 | 46,196 | 47,335 | 49,556 | 47,847 | 45,520 | 47,124 | 48,484 | 49,633 |
| Oregon | 39,202 | 40,202 | 39,994 | 41,881 | 44,581 | 44,682 | 45,564 | 46,923 | 47,573 |
| Pennsylvania | 45,882 | 46,834 | 46,515 | 48,068 | 49,906 | 50,885 | 51,944 | 53,524 | 54,687 |
| Rhode Island | 45,919 | 46,939 | 46,262 | 47,003 | 48,607 | 48,508 | 49,969 | 50,564 | 50,842 |
| South Carolina | 38,347 | 39,226 | 39,008 | 40,710 | 42,457 | 43,098 | 44,123 | 44,754 | 45,420 |
| South Dakota | 52,230 | 50,921 | 50,838 | 51,968 | 53,803 | 53,198 | 53,145 | 55,433 | 56,194 |
| Tennessee | 42,564 | 43,366 | 42,959 | 44,269 | 46,114 | 46,920 | 48,062 | 49,059 | 49,640 |
| Texas | 43,785 | 45,208 | 44,942 | 46,731 | 46,792 | 45,678 | 47,489 | 49,196 | 50,021 |
| Utah | 35,927 | 37,269 | 37,172 | 38,759 | 41,244 | 42,513 | 43,897 | 45,427 | 46,385 |
| Vermont | 44,749 | 45,046 | 45,009 | 45,415 | 46,748 | 47,341 | 47,185 | 47,923 | 49,038 |
| Virginia | 47,364 | 48,224 | 46,989 | 48,137 | 49,996 | 50,737 | 51,856 | 52,928 | 53,837 |
| Washington | 44,362 | 46,214 | 45,828 | 47,801 | 49,797 | 50,668 | 51,473 | 53,151 | 54,610 |
| West Virginia | 39,371 | 39,705 | 38,992 | 39,923 | 40,629 | 40,708 | 42,288 | 43,576 | 44,437 |
| Wisconsin | 45,092 | 46,086 | 45,781 | 46,897 | 49,016 | 49,553 | 50,490 | 52,126 | 52,949 |
| Wyoming | 52,805 | 55,988 | 54,446 | 57,058 | 57,315 | 54,428 | 56,969 | 60,984 | 61,266 |

1/ Real personal income for states is personal income divided by the Regional Price Parity (RPP) and the national Personal Consumption Expenditure (PCE) price index. The result is a chained dollar (using 2012 as base year) estimate of real personal income. Real per capita personal income is total real personal income divided by total midyear population.

Source: U.S. Bureau of Economic Analysis, State Real Personal Income (December 15, 2020)

<<http://www.bea.gov/iTable/iTable.cfm?ReqID=70&step=1>> accessed (December 15, 2020; and calculations by Hawaii State Department of Business, Economic Development & Tourism. See also "Real Personal Income for States and Metropolitan Areas, 2019"

<https://www.bea.gov/sites/default/files/2020-12/rpp1220_0.pdf>.

Table 13.12-- PERSONAL INCOME, TOTAL AND PER CAPITA, AND POPULATION BY COUNTY: 1994 TO 2019

| Year | State total | City & County of Honolulu | Hawaii | Kauai | Maui 1/ |
|-----------------|-------------|---------------------------|-----------|-----------|-----------|
| Total (\$1,000) | | | | | |
| 1994 | 30,163,706 | 23,857,762 | 2,557,164 | 1,209,634 | 2,539,146 |
| 1995 | 30,864,018 | 24,342,583 | 2,636,585 | 1,264,820 | 2,620,030 |
| 1996 | 30,894,933 | 24,282,200 | 2,698,938 | 1,261,158 | 2,652,637 |
| 1997 | 31,907,547 | 25,101,536 | 2,777,341 | 1,284,089 | 2,744,581 |
| 1998 2/ | 32,531,130 | 25,412,931 | 2,934,325 | 1,312,259 | 2,871,615 |
| 1999 2/ | 33,657,545 | 26,113,634 | 3,081,127 | 1,367,324 | 3,095,460 |
| 2000 2/ | 35,682,033 | 27,571,297 | 3,326,966 | 1,469,363 | 3,314,407 |
| 2001 2/ | 37,204,033 | 28,626,089 | 3,510,902 | 1,535,779 | 3,531,263 |
| 2002 2/ | 38,954,769 | 29,894,595 | 3,725,896 | 1,597,358 | 3,736,920 |
| 2003 2/ | 40,791,025 | 31,170,188 | 3,942,552 | 1,702,671 | 3,975,614 |
| 2004 2/ | 43,977,375 | 33,368,413 | 4,379,204 | 1,888,102 | 4,341,656 |
| 2005 2/ | 47,306,326 | 35,728,717 | 4,848,840 | 2,024,507 | 4,704,262 |
| 2006 2/ | 50,701,090 | 38,249,805 | 5,227,476 | 2,159,942 | 5,063,867 |
| 2007 2/ | 53,423,078 | 40,176,577 | 5,570,974 | 2,302,505 | 5,373,022 |
| 2008 2/ | 56,059,909 | 42,118,992 | 5,903,907 | 2,412,045 | 5,624,965 |
| 2009 2/ | 55,690,031 | 42,371,822 | 5,675,130 | 2,322,396 | 5,320,683 |
| 2010 2/ | 57,179,141 | 43,397,685 | 5,869,367 | 2,375,385 | 5,536,704 |
| 2011 2/ | 60,044,624 | 45,532,320 | 6,142,665 | 2,492,278 | 5,877,361 |
| 2012 2/ | 62,455,917 | 47,177,994 | 6,369,930 | 2,599,394 | 6,308,599 |
| 2013 2/ | 63,316,600 | 47,853,464 | 6,443,742 | 2,700,501 | 6,318,893 |
| 2014 2/ | 66,846,123 | 50,354,664 | 6,863,938 | 2,889,753 | 6,737,768 |
| 2015 2/ | 70,376,234 | 52,729,171 | 7,405,863 | 3,073,497 | 7,167,703 |
| 2016 2/ | 73,047,987 | 54,567,246 | 7,748,127 | 3,216,155 | 7,516,459 |
| 2017 2/ | 76,109,630 | 56,569,569 | 8,194,397 | 3,402,626 | 7,943,038 |
| 2018 | 78,436,115 | 58,129,300 | 8,509,388 | 3,585,277 | 8,212,150 |
| 2019 | 80,726,523 | 59,617,709 | 8,781,599 | 3,726,328 | 8,600,887 |
| Population 3/ | | | | | |
| 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 |

Continued on next page.

Table 13.12-- PERSONAL INCOME, TOTAL AND PER CAPITA, AND POPULATION BY COUNTY: 1994 TO 2019-- Con.

| Year | State total | City & County of Honolulu | Hawaii | Kauai | Maui 1/ |
|-------------------------|-------------|---------------------------|---------|--------|---------|
| 2005 | 1,292,729 | 918,181 | 168,237 | 62,863 | 143,448 |
| 2006 | 1,309,731 | 926,954 | 173,536 | 63,465 | 145,776 |
| 2007 | 1,315,675 | 925,335 | 177,733 | 64,490 | 148,117 |
| 2008 | 1,332,213 | 933,680 | 181,506 | 65,603 | 151,424 |
| 2009 | 1,346,717 | 943,177 | 183,629 | 66,518 | 153,393 |
| 2010 2/ | 1,363,963 | 956,285 | 185,363 | 67,205 | 155,110 |
| 2011 2/ | 1,379,329 | 967,336 | 187,079 | 67,888 | 157,026 |
| 2012 2/ | 1,394,804 | 977,994 | 189,161 | 68,671 | 158,978 |
| 2013 2/ | 1,408,243 | 986,059 | 191,459 | 69,632 | 161,093 |
| 2014 2/ | 1,414,538 | 987,414 | 193,711 | 70,288 | 163,125 |
| 2015 2/ | 1,422,052 | 991,064 | 195,975 | 71,021 | 163,992 |
| 2016 2/ | 1,427,559 | 992,268 | 198,316 | 71,537 | 165,438 |
| 2017 2/ | 1,424,393 | 986,353 | 199,981 | 71,827 | 166,232 |
| 2018 | 1,420,593 | 979,858 | 201,509 | 72,168 | 167,058 |
| 2019 | 1,415,872 | 974,563 | 201,513 | 72,293 | 167,503 |
| Per capita (dollars) 4/ | | | | | |
| 1994 | 25,400 | 27,155 | 18,569 | 21,418 | 22,127 |
| 1995 | 25,788 | 27,618 | 18,767 | 22,163 | 22,223 |
| 1996 | 25,665 | 27,486 | 19,015 | 21,862 | 21,979 |
| 1997 | 26,334 | 28,309 | 19,228 | 22,250 | 22,355 |
| 1998 2/ | 26,769 | 28,653 | 20,121 | 22,687 | 23,038 |
| 1999 2/ | 27,809 | 29,712 | 20,964 | 23,468 | 24,536 |
| 2000 2/ | 29,404 | 31,452 | 22,292 | 25,088 | 25,678 |
| 2001 2/ | 30,347 | 32,428 | 23,145 | 25,997 | 26,666 |
| 2002 2/ | 31,425 | 33,572 | 24,104 | 26,631 | 27,767 |
| 2003 2/ | 32,603 | 34,854 | 24,883 | 28,002 | 28,893 |
| 2004 2/ | 34,531 | 36,749 | 26,891 | 30,407 | 30,874 |
| 2005 2/ | 36,594 | 38,912 | 28,821 | 32,205 | 32,794 |
| 2006 2/ | 38,711 | 41,264 | 30,123 | 34,034 | 34,737 |
| 2007 2/ | 40,605 | 43,418 | 31,345 | 35,703 | 36,276 |
| 2008 2/ | 42,080 | 45,111 | 32,527 | 36,767 | 37,147 |
| 2009 2/ | 41,352 | 44,925 | 30,905 | 34,914 | 34,687 |
| 2010 2/ | 41,921 | 45,382 | 31,664 | 35,345 | 35,695 |
| 2011 2/ | 43,532 | 47,070 | 32,835 | 36,712 | 37,429 |
| 2012 2/ | 44,778 | 48,240 | 33,675 | 37,853 | 39,682 |
| 2013 2/ | 44,961 | 48,530 | 33,656 | 38,782 | 39,225 |
| 2014 2/ | 47,257 | 50,997 | 35,434 | 41,113 | 41,304 |
| 2015 2/ | 49,489 | 53,205 | 37,790 | 43,276 | 43,708 |
| 2016 2/ | 51,170 | 54,992 | 39,070 | 44,958 | 45,434 |
| 2017 2/ | 53,433 | 57,352 | 40,976 | 47,373 | 47,783 |
| 2018 | 55,214 | 59,324 | 42,228 | 49,680 | 49,157 |
| 2019 | 57,015 | 61,174 | 43,578 | 51,545 | 51,348 |

Continued on next page.

**Table 13.12-- PERSONAL INCOME, TOTAL AND PER CAPITA, AND
POPULATION BY COUNTY: 1994 TO 2019-- Con.**

1/ Includes Kalawao County.

2/ 2013 to 2018 Personal income and 2010 to 2018 population and per capita personal income revised from previous *Data Book*.

3/ Census Bureau midyear population estimates. Estimates for 2010-2019 reflect county population estimates available as of March 2020.

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

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

<<http://www.bea.gov/iTable/iTable.cfm?reqid=70&step=1&isuri=1&acrdrn=7#reqid=70&step=1&isuri=1>> accessed July 11, 2021. See also "Personal Income by County and Metropolitan Area, 2019" (November 17, 2020) <https://www.bea.gov/sites/default/files/2020-11/lapi1120_1.pdf> 'accessed July 11, 2021.

Table 13.13-- PERFORMANCE RANKINGS FOR METROPOLITAN STATISTICAL AREAS, URBAN HONOLULU AND PROVO- OREM, UTAH: 2020 AND 2021

| Category and location | 2020 | | 2021 | |
|---|--------------------|---------|--------------------|---------|
| | Period | Rank 1/ | Period | Rank 1/ |
| Urban Honolulu | | | | |
| Overall | 2020 | 167 | 2021 | 196 |
| Job growth (5-year) | 2013 to 2018 | 157 | 2014 to 2019 | 173 |
| Job growth (1-year) | 2017 to 2018 | 183 | 2018 to 2019 | 192 |
| Wage growth (5-year) | 2012 to 2017 | 117 | 2014 to 2019 | 135 |
| Wage growth (1-year) | 2016 to 2017 | 161 | 2018 to 2019 | 157 |
| Short-term job growth | Aug.: 2018 to 2019 | 136 | Oct.: 2019 to 2020 | 200 |
| High tech GDP growth (5-year) | 2013 to 2018 | 120 | 2014 to 2019 | 114 |
| High tech GDP growth (1-year) | 2017 to 2018 | 95 | 2018 to 2019 | 198 |
| High-tech GDP concentration 2/ | 2018 | 168 | 2019 | 171 |
| Number of high-tech GDP industries with location quotients over 1 2/ | 2018 | 151 | 2019 | 136 |
| Households with broadband access | (NA) | (NA) | 2019 | 61 |
| Households with affordable housing costs | (NA) | (NA) | 2014 to 2018 | 189 |
| Households with affordable housing costs | (NA) | (NA) | 2019 | 193 |
| Provo- Orem, Utah | | | | |
| Overall | 2020 | 2 | 2021 | 1 |
| Job growth (5-year) | 2013 to 2018 | 1 | 2014 to 2019 | 1 |
| Job growth (1-year) | 2017 to 2018 | 2 | 2018 to 2019 | 4 |
| Wage growth (5-year) | 2012 to 2017 | 3 | 2014 to 2019 | 1 |
| Wage growth (1-year) | 2016 to 2017 | 9 | 2018 to 2019 | 1 |
| Short-term job growth | Aug.: 2018 to 2019 | 29 | Oct.: 2019 to 2020 | 11 |
| High tech GDP growth (5-year) | 2013 to 2018 | 5 | 2014 to 2019 | 4 |
| High tech GDP growth (1-year) | 2017 to 2018 | 10 | 2018 to 2019 | 8 |
| High-tech GDP concentration 2/ | 2018 | 14 | 2019 | 12 |
| Number of high-tech GDP industries with location quotients over 1 2/ | 2018 | 25 | 2019 | 19 |
| Households with broadband access | (NA) | (NA) | 2019 | 73 |
| Households with affordable housing costs | (NA) | (NA) | 2014 to 2018 | 93 |
| Households with affordable housing costs | (NA) | (NA) | 2019 | 61 |

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: 2020, Where America's Jobs Are Created and Sustained* (March 2, 2020) <<https://milkeninstitute.org/reports/best-performing-cities-2020>> accessed March 2, 2020; and *Best-Performing Cities 2021: Foundations for Growth and Recovery* (April 13, 2021) <<https://milkeninstitute.org/reports/best-performing-cities-2021>> accessed June 4, 2021.

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

[The changing economic landscape known as the New Economy requires state economies to be innovative, globally-linked, entrepreneurial and dynamic, with an educated workforce and all sectors embracing the use of information technology. The State New Economy Index uses between 21-29 indicators to measure the extent to which they do. Changes in methodology may limit strict comparability over the period, and changes in ranks cannot be positively attributed to changes in the economic conditions or structure of a state economy]

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

Continued on next page.

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

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

1/ Rank of 1 indicates most favorable.

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

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

[The changing economic landscape known as the New Economy requires state economies to be innovative, globally-linked, entrepreneurial and dynamic, with an educated workforce and all sectors embracing the use of information technology. The State New Economy Index uses 25-27 indicators to measure the extent to which they do. Rank of 1 indicates most favorable. Changes in methodology may limit strict comparability over the period and changes in ranks cannot be positively attributed to changes in the economic conditions or the structure of a state economy]

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

NA Not available.

Source: The Information Technology & Innovation Foundation, *The State New Economy Index 2010*

<<http://www.itif.org/files/2010-state-new-economy-index.pdf>>; Ibid. 2012

<<http://www2.itif.org/2012-state-new-economy-index.pdf>> and 2012 Indicator Ranks (CSV)

<<http://www2.itif.org/2012-snei-indicator-ranks.csv>> accessed January 11, 2013; Ibid 2014 "Indicator

Scores By Rank" <<http://www2.itif.org/2014-snei-master-tables.pdf>> accessed June 19, 2014; and Ibid. 2017

<<http://www2.itif.org/2017-snei-master-tables.pdf>> accessed January 17, 2018.

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

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

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

Continued on next page.

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

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

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

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

Table 13.17-- MEDIAN INCOME OF HOUSEHOLDS, FAMILIES, UNRELATED INDIVIDUALS AND PERSONS, BY SEX: 1949 TO 2019

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

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

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 April 28, 2021.

Table 13.18-- MEDIAN INCOME OF FOUR-PERSON FAMILIES IN HAWAII AND THE UNITED STATES: 2005 TO 2019

[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]

| 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 |

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 June 4, 2021 and calculations by the Hawaii State Department of Business, Economic Development & Tourism.

Table 13.19 -- MEDIAN MONEY INCOME OF HOUSEHOLDS, FOR HAWAII AND THE UNITED STATES, IN CURRENT AND CONSTANT 2019 DOLLARS: 1984 TO 2019

[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 2019 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) | Standard error | Percent change | Amount (dollars) | Standard error | Percent change |
| 1984 | 28,877 | 1,216 | (NA) | 22,415 | 102 | (NA) |
| 1985 | 28,961 | 1,446 | 0.3 | 23,618 | 128 | 5.4 |
| 1986 | 29,003 | 1,206 | 0.1 | 24,897 | 129 | 5.4 |
| 1987 | 35,022 | 1,074 | 20.8 | 26,061 | 127 | 4.7 |
| 1988 | 33,024 | 1,482 | -5.7 | 27,225 | 139 | 4.5 |
| 1989 | 35,035 | 1,328 | 6.1 | 28,906 | 159 | 6.2 |
| 1990 | 38,921 | 1,414 | 11.1 | 29,943 | 153 | 3.6 |
| 1991 | 37,246 | 1,630 | -4.3 | 30,126 | 144 | 0.6 |
| 1992 | 42,113 | 1,435 | 13.1 | 30,636 | 145 | 1.7 |
| 1993 | 42,662 | 1,759 | 1.3 | 31,241 | 146 | 2.0 |
| 1994 | 42,255 | 2,423 | -1.0 | 32,264 | 147 | 3.3 |
| 1995 | 42,851 | 1,292 | 1.4 | 34,076 | 197 | 5.6 |
| 1996 | 41,772 | 1,893 | -2.5 | 35,492 | 179 | 4.2 |
| 1997 | 40,934 | 1,399 | -2.0 | 37,005 | 171 | 4.3 |
| 1998 | 40,827 | 2,369 | -0.3 | 38,885 | 230 | 5.1 |
| 1999 | 44,504 | 1,832 | 9.0 | 40,696 | 190 | 4.7 |
| 2000 | 51,546 | 1,193 | 15.8 | 41,990 | 132 | 3.2 |
| 2001 | 47,439 | 1,256 | -8.0 | 42,228 | 129 | 0.6 |
| 2002 | 47,303 | 1,371 | -0.3 | 42,409 | 139 | 0.4 |
| 2003 | 51,834 | 1,332 | 9.6 | 43,318 | 188 | 2.1 |
| 2004 | 56,242 | 1,690 | 8.5 | 44,334 | 196 | 2.3 |
| 2005 | 59,586 | 1,212 | 5.9 | 46,326 | 155 | 4.5 |
| 2006 | 60,470 | 1,571 | 1.5 | 48,201 | 207 | 4.0 |
| 2007 | 64,022 | 2,125 | 5.9 | 50,233 | 140 | 4.2 |
| 2008 | 61,521 | 1,481 | -3.9 | 50,303 | 137 | 0.1 |
| 2009 | 55,649 | 2,023 | -9.5 | 49,777 | 213 | -1.0 |
| 2010 | 59,539 | 2,731 | 7.0 | 49,276 | 325 | -1.0 |

Continued on next page.

Table 13.19 -- MEDIAN MONEY INCOME OF HOUSEHOLDS, FOR HAWAII AND THE UNITED STATES, IN CURRENT AND CONSTANT 2019 DOLLARS: 1984 TO 2019 -- Con.

| Year | Median income in current dollars -- Con. | | | | | |
|---------|--|----------------|----------------|------------------|----------------|----------------|
| | Hawaii | | | United States | | |
| | Amount (dollars) | Standard error | Percent change | Amount (dollars) | Standard error | Percent change |
| 2011 | 59,047 | 2,531 | -0.8 | 50,054 | 251 | 1.6 |
| 2012 | 56,263 | 2,255 | -4.7 | 51,017 | 209 | 1.9 |
| 2013 1/ | 64,235 | 3,918 | 14.2 | 53,585 | 654 | 5.0 |
| 2014 | 71,223 | 2,676 | 10.9 | 53,657 | 392 | 0.1 |
| 2015 | 64,514 | 2,840 | -9.4 | 56,516 | 321 | 5.3 |
| 2016 | 72,133 | 2,510 | 11.8 | 59,039 | 436 | 4.5 |
| 2017 2/ | 73,599 | 2,352 | 2.0 | 61,136 | 322 | 3.6 |
| 2018 | 80,108 | 3,482 | 8.8 | 63,179 | 420 | 3.3 |
| 2019 | 88,006 | 3,565 | 9.9 | 68,703 | 550 | 8.7 |
| | Median income in constant (2019) dollars | | | | | |
| 1984 | 67,866 | 2,858 | (NA) | 52,679 | 240 | (NA) |
| 1985 | 65,805 | 3,286 | -3.0 | 53,664 | 291 | 1.9 |
| 1986 | 64,766 | 2,693 | -1.6 | 55,597 | 288 | 3.6 |
| 1987 | 75,607 | 2,319 | 16.7 | 56,261 | 274 | 1.2 |
| 1988 | 68,808 | 3,088 | -9.0 | 56,725 | 290 | 0.8 |
| 1989 | 69,940 | 2,651 | 1.6 | 57,705 | 317 | 1.7 |
| 1990 | 74,046 | 2,690 | 5.9 | 56,966 | 291 | -1.3 |
| 1991 | 68,372 | 2,992 | -7.7 | 55,302 | 264 | -2.9 |
| 1992 | 75,431 | 2,570 | 10.3 | 54,874 | 260 | -0.8 |
| 1993 | 74,535 | 3,073 | -1.2 | 54,581 | 255 | -0.5 |
| 1994 | 72,314 | 4,147 | -3.0 | 55,215 | 252 | 1.2 |
| 1995 | 71,609 | 2,159 | -1.0 | 56,945 | 329 | 3.1 |
| 1996 | 67,995 | 3,081 | -5.0 | 57,772 | 291 | 1.5 |
| 1997 | 65,221 | 2,229 | -4.1 | 58,961 | 272 | 2.1 |
| 1998 | 64,181 | 3,724 | -1.6 | 61,128 | 362 | 3.7 |
| 1999 | 68,503 | 2,820 | 6.7 | 62,641 | 292 | 2.5 |
| 2000 | 76,738 | 1,776 | 12.0 | 62,512 | 197 | -0.2 |
| 2001 | 68,669 | 1,818 | -10.5 | 61,126 | 187 | -2.2 |
| 2002 | 67,409 | 1,954 | -1.8 | 60,435 | 198 | -1.1 |
| 2003 | 72,226 | 1,856 | 7.1 | 60,360 | 262 | -0.1 |
| 2004 | 76,307 | 2,293 | 5.7 | 60,150 | 266 | -0.3 |

Continued on next page.

Table 13.19 -- MEDIAN MONEY INCOME OF HOUSEHOLDS, FOR HAWAII AND THE UNITED STATES, IN CURRENT AND CONSTANT 2019 DOLLARS: 1984 TO 2019 -- Con.

| Year | Median income in constant (2019) dollars -- Con. | | | | | |
|---------|--|----------------|----------------|------------------|----------------|----------------|
| | Hawaii | | | United States | | |
| | Amount (dollars) | Standard error | Percent change | Amount (dollars) | Standard error | Percent change |
| 2005 | 78,195 | 1,591 | 2.5 | 60,794 | 203 | 1.1 |
| 2006 | 76,863 | 1,997 | -1.7 | 61,268 | 263 | 0.8 |
| 2007 | 79,134 | 2,627 | 3.0 | 62,090 | 173 | 1.3 |
| 2008 | 73,230 | 1,763 | -7.5 | 59,877 | 163 | -3.6 |
| 2009 | 66,472 | 2,416 | -9.2 | 59,458 | 254 | -0.7 |
| 2010 | 69,964 | 3,209 | 5.3 | 57,904 | 382 | -2.6 |
| 2011 | 67,265 | 2,883 | -3.9 | 57,021 | 286 | -1.5 |
| 2012 | 62,765 | 2,516 | -6.7 | 56,912 | 233 | -0.2 |
| 2013 1/ | 70,612 | 4,307 | 12.5 | 58,904 | 719 | 3.5 |
| 2014 | 76,990 | 2,893 | 9.0 | 58,001 | 424 | -1.5 |
| 2015 | 69,617 | 3,065 | -9.6 | 60,987 | 346 | 5.1 |
| 2016 | 76,848 | 2,674 | 10.4 | 62,898 | 464 | 3.1 |
| 2017 2/ | 76,759 | 2,453 | -0.1 | 63,761 | 336 | 1.4 |
| 2018 | 81,559 | 3,545 | 6.3 | 64,324 | 428 | 0.9 |
| 2019 | 88,006 | 3,565 | 7.9 | 68,703 | 550 | 6.8 |

NA Not available.

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

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

Source: U.S. Census Bureau, Historical Income Tables - Households, Table H-8. Median Household Income by State: 1984 to 2019 <<https://www.census.gov/data/tables/time-series/demo/income-poverty/historical-income-households.html>> accessed June 15, 2021; and calculations by Hawaii Department of Business, Economic Development & Tourism.

Table 13.20- MEDIAN MONEY INCOME OF HOUSEHOLDS, FOR HAWAII AND THE UNITED STATES, 2-YEAR MOVING AVERAGES IN CONSTANT 2019 DOLLARS: 1984 TO 2019

[Based on small samples and subject to considerable sampling variation. Surveys conducted in March or April of following year. Median income in 2019 CPI-U-RS adjusted dollars. The CPI-U-RS is a price index of inflation that incorporates most improvements in methodology made to the current CPI-U since 1978 into a single, uniform series. The Census Bureau recommends 2-year averages to evaluate changes in state estimates over time]

| Year | Median income, 2-year moving averages | | | | | |
|--------------|---------------------------------------|----------------|----------------|------------------|----------------|----------------|
| | Hawaii | | | United States | | |
| | Income (dollars) | Standard error | Percent change | Income (dollars) | Standard error | Percent change |
| 1984-1985 | 66,835 | 2,527 | (NA) | 53,172 | 218 | (NA) |
| 1985-1986 | 65,286 | 2,462 | -2.3 | 54,631 | 238 | 2.7 |
| 1986-1987 | 70,187 | 2,062 | 7.5 | 55,929 | 231 | 2.4 |
| 1987-1988 | 72,207 | 2,232 | 2.9 | 56,493 | 232 | 1.0 |
| 1988-1989 | 69,374 | 2,361 | -3.9 | 57,215 | 249 | 1.3 |
| 1989-1990 | 71,993 | 2,194 | 3.8 | 57,335 | 250 | 0.2 |
| 1990-1991 | 71,209 | 2,336 | -1.1 | 56,134 | 228 | -2.1 |
| 1991-1992 | 71,901 | 2,288 | 1.0 | 55,088 | 215 | -1.9 |
| 1992-1993 | 74,983 | 2,323 | 4.3 | 54,727 | 211 | -0.7 |
| 1993-1994 | 73,424 | 2,982 | -2.1 | 54,898 | 208 | 0.3 |
| 1994-1995 | 71,961 | 2,652 | -2.0 | 56,080 | 240 | 2.2 |
| 1995-1996 | 69,802 | 2,169 | -3.0 | 57,358 | 255 | 2.3 |
| 1996-1997 | 66,608 | 2,195 | -4.6 | 58,366 | 232 | 1.8 |
| 1997-1998 | 64,701 | 2,482 | -2.9 | 60,044 | 262 | 2.9 |
| 1998-1999 | 66,342 | 2,701 | 2.5 | 61,885 | 269 | 3.1 |
| 1999-2000 | 72,620 | 1,911 | 9.5 | 62,577 | 203 | 1.1 |
| 2000-2001 | 72,704 | 1,476 | 0.1 | 61,819 | 157 | -1.2 |
| 2001-2002 | 68,039 | 1,550 | -6.4 | 60,781 | 158 | -1.7 |
| 2002-2003 | 69,818 | 1,565 | 2.6 | 60,398 | 190 | -0.6 |
| 2003-2004 | 74,266 | 1,709 | 6.4 | 60,255 | 217 | -0.2 |
| 2004-2005 | 77,251 | 1,608 | 4.0 | 60,472 | 194 | 0.4 |
| 2005-2006 | 77,529 | 1,478 | 0.4 | 61,031 | 192 | 0.9 |
| 2006-2007 | 77,999 | 1,908 | 0.6 | 61,679 | 181 | 1.1 |
| 2007-2008 | 76,182 | 1,820 | -2.3 | 60,984 | 138 | -1.1 |
| 2008-2009 | 69,851 | 1,727 | -8.3 | 59,667 | 173 | -2.2 |
| 2009-2010 | 68,311 | 2,666 | -2.2 | 58,596 | 338 | -1.8 |
| 2010-2011 | 68,615 | 2,461 | 0.4 | 57,462 | 290 | -1.9 |
| 2011-2012 | 65,015 | 2,077 | -5.2 | 56,967 | 214 | -0.9 |
| 2012-2013 1/ | 65,134 | 1,774 | 0.2 | 57,004 | 201 | 0.1 |
| 2014-2015 1/ | 73,303 | 2,292 | 12.5 | 59,494 | 273 | 4.4 |
| 2015-2016 | 73,233 | 2,086 | -0.1 | 61,942 | 294 | 4.1 |
| 2016-2017 | 76,791 | 1,936 | 4.9 | 63,453 | 321 | 2.4 |
| 2017-2018 | 79,159 | 2,310 | 3.1 | 64,042 | 325 | 0.9 |
| 2018-2019 | 84,783 | 2,813 | 7.1 | 66,513 | 394 | 3.9 |

Continued on next page.

**Table 13.20- MEDIAN MONEY INCOME OF HOUSEHOLDS, FOR HAWAII
AND THE UNITED STATES, 2-YEAR MOVING AVERAGES IN
CONSTANT 2019 DOLLARS: 1984 TO 2019 -- Con.**

NA Not available.

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

Source: U.S. Census Bureau, "Table H-8A. Median Income of Households by State: 1984 to 2019 Two-Year Moving Averages" <<https://www.census.gov/data/tables/time-series/demo/income-poverty/historical-income-households.html>> accessed June 15, 2021 and calculations by the Hawaii State Department of Business Economic Development & Tourism.

Table 13.21-- MEDIAN MONEY INCOME OF HOUSEHOLDS, FOR HAWAII AND THE UNITED STATES, 3-YEAR MOVING AVERAGES IN CONSTANT 2019 DOLLARS: 1984 TO 2019

[Based on small samples and subject to considerable sampling variation. From surveys conducted in March or April of following year. Median income in 2019 CPI-U-RS adjusted dollars. The CPI-U-RS is a price index of inflation that incorporates most of the improvements in methodology made to the current CPI-U since 1978 into a single, uniform series. The Census Bureau recommends 3-year averages to compare the relative ranking of states]

| Year | Median income, 3-year moving averages | | | | | |
|--------------|---------------------------------------|----------------|---------|-------------------------|----------------|--------------|
| | Hawaii (dollars) | Standard error | Rank 1/ | United States (dollars) | Standard error | Rank btw. 1/ |
| 1984-1986 | 66,146 | 2,081 | 5 | 53,980 | 192 | 22 & 23 |
| 1985-1987 | 68,726 | 1,943 | 5 | 55,174 | 199 | 23 & 24 |
| 1986-1988 | 69,727 | 1,872 | 6 | 56,195 | 198 | 24 & 25 |
| 1987-1989 | 71,451 | 1,906 | 5 | 56,897 | 205 | 22 & 23 |
| 1988-1990 | 70,931 | 1,959 | 6 | 57,132 | 210 | 21 & 22 |
| 1989-1991 | 70,786 | 1,939 | 6 | 56,658 | 204 | 20 & 21 |
| 1990-1992 | 72,616 | 1,938 | 3 | 55,714 | 190 | 23 & 24 |
| 1991-1993 | 72,779 | 1,998 | 3 | 54,919 | 182 | 23 & 24 |
| 1992-1994 | 74,093 | 2,302 | 2 | 54,890 | 179 | 23 & 24 |
| 1993-1995 | 72,819 | 2,273 | 2 | 55,580 | 194 | 22 & 23 |
| 1994-1996 | 70,639 | 2,167 | 3 | 56,644 | 206 | 22 & 23 |
| 1995-1997 | 68,275 | 1,782 | 5 | 57,892 | 208 | 22 & 23 |
| 1996-1998 | 65,799 | 2,080 | 14 | 59,287 | 215 | 22 & 23 |
| 1997-1999 | 65,968 | 2,107 | 16 | 60,910 | 219 | 22 & 23 |
| 1998-2000 | 69,807 | 1,995 | 10 | 62,094 | 203 | 21 & 22 |
| 1999-2001 | 71,303 | 1,497 | 9 | 62,093 | 158 | 20 & 21 |
| 2000-2002 | 70,939 | 1,292 | 10 | 61,358 | 135 | 24 & 25 |
| 2001-2003 | 69,435 | 1,316 | 11 | 60,640 | 151 | 24 & 25 |
| 2002-2004 | 71,981 | 1,416 | 8 | 60,315 | 171 | 20 & 21 |
| 2003-2005 | 75,576 | 1,365 | 4 | 60,435 | 172 | 21 & 22 |
| 2004-2006 | 77,122 | 1,356 | 3 | 60,738 | 169 | 22 & 23 |
| 2005-2007 | 78,064 | 1,465 | 4 | 61,384 | 153 | 20 & 21 |
| 2006-2008 | 76,409 | 1,524 | 5 | 61,079 | 140 | 22 & 23 |
| 2007-2009 | 72,945 | 1,566 | 7 | 60,475 | 137 | 22 & 23 |
| 2008-2010 | 69,484 | 1,556 | 10 | 59,146 | 158 | 26 & 27 |
| 2009-2011 | 67,962 | 2,280 | 9 | 58,071 | 282 | 26 & 27 |
| 2010-2012 | 66,665 | 2,030 | 11 | 57,279 | 235 | 24 & 25 |
| 2011-2013 2/ | 65,845 | 1,589 | 12 | 57,010 | 188 | 26 & 27 |
| 2013-2015 2/ | 72,406 | 2,166 | 6 | 59,297 | 306 | 25 & 26 |
| 2014-2016 2/ | 74,485 | 1,826 | 6 | 60,629 | 245 | 27 & 28 |
| 2015-2017 2/ | 74,400 | 1,578 | 10 | 62,631 | 251 | 25 & 26 |
| 2016-2018 2/ | 78,150 | 1,849 | 6 | 63,723 | 299 | 25 & 26 |
| 2017-2019 2/ | 82,108 | 2,117 | 5 | 65,596 | 317 | 26 & 27 |

Continued on next page.

**Table 13.21-- MEDIAN MONEY INCOME OF HOUSEHOLDS, FOR HAWAII
AND THE UNITED STATES, 3-YEAR MOVING AVERAGES IN
CONSTANT 2019 DOLLARS: 1984 TO 2019 -- Con.**

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

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

Source: U.S. Census Bureau, "Table H-8B. Median Income of Households by State: 1984 to 2019 Three-Year Moving Averages" <<https://www.census.gov/data/tables/time-series/demo/income-poverty/historical-income-households.html>> accessed June 15, 2021; and calculations by Hawaii Department of Business, Economic Development & Tourism.

Table 13.22-- MEDIAN INCOME OF HOUSEHOLDS, FAMILIES AND PERCENT OF FAMILIES AND PERSONS BELOW POVERTY LEVEL, BY COUNTY AND SELECTED CENSUS DESIGNATED PLACE (CDP): 2015-2019

[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 | 81,275 | 94,982 | 9.4 | 6.4 |
| County: Hawaii | 62,409 | 75,331 | 15.6 | 11.6 |
| Honolulu | 85,857 | 101,184 | 8.3 | 5.4 |
| Kalawao | 69,375 | 126,250 | 10.0 | 22.2 |
| Kauai | 83,554 | 93,601 | 8.1 | 5.9 |
| Maui | 80,948 | 89,609 | 9.3 | 6.5 |
| CDP: Hilo | 63,283 | 76,638 | 17.1 | 11.1 |
| East Honolulu | 133,165 | 150,426 | 3.3 | 2.0 |
| Kailua (Oahu) | 114,292 | 130,398 | 5.7 | 3.1 |
| Kaneohe | 108,761 | 121,095 | 5.1 | 2.9 |
| Pearl City | 100,057 | 113,076 | 3.9 | 2.9 |
| Urban Honolulu | 71,465 | 89,836 | 10.6 | 7.0 |
| Waipahu | 78,204 | 83,255 | 10.6 | 8.0 |
| Kahului | 86,129 | 88,538 | 8.6 | 4.7 |
| Lihue | 77,845 | 90,766 | 4.2 | 1.0 |

1/ Inflation- adjusted 2019 dollars for 2015-2019.

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

Source: Hawaii State Department of Business, Economic Development & Tourism, 2015-2019 American Community Survey 5-Year Estimates "DP03: Selected Economic Characteristics" for State of Hawaii, Honolulu, Hawaii, Kauai, Maui, Kalawao counties, and selected Census Designated Places <<https://census.hawaii.gov/acs/acs-2019/5-yr-dp/>> accessed February 1, 2021.

Table 13.23-- ESTIMATED MEDIAN HOUSEHOLD INCOME AND POVERTY STATUS, BY COUNTY: 2017 TO 2019

[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 |
| 2017 | | | | | |
| State total | 76,340 | 132,201 | 9.5 | 35,572 | 11.9 |
| Hawaii | 53,296 | 29,604 | 15.0 | 8,938 | 20.9 |
| Honolulu | 79,642 | 79,084 | 8.3 | 20,432 | 9.9 |
| Kauai | 70,744 | 7,172 | 10.1 | 2,032 | 13.0 |
| Maui 2/ | 72,812 | 16,342 | 10.0 | 4,169 | 11.8 |
| 2018 | | | | | |
| State total | 80,527 | 124,400 | 9.0 | 35,184 | 11.8 |
| Hawaii | 56,383 | 30,903 | 15.6 | 9,591 | 22.5 |
| Honolulu | 83,695 | 73,345 | 7.7 | 20,035 | 9.8 |
| Kauai | 73,981 | 6,021 | 8.5 | 1,836 | 11.9 |
| Maui 2/ | 78,503 | 14,130 | 8.6 | 3,721 | 10.5 |
| 2019 | | | | | |
| State total | 83,734 | 124,650 | 9.0 | 33,038 | 11.2 |
| Hawaii | 64,929 | 26,071 | 13.1 | 7,959 | 18.8 |
| Honolulu | 86,946 | 74,282 | 7.9 | 18,533 | 9.2 |
| Kauai | 73,029 | 6,659 | 9.3 | 1,804 | 11.7 |
| Maui 2/ | 77,375 | 17,638 | 10.7 | 4,743 | 13.4 |

NA Not available.

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

<<https://www.census.gov/programs-surveys/saipe/data/datasets.All.html>> accessed December 8, 2020.

Table 13.24-- INCOME OF HOUSEHOLDS AND FAMILIES: 2018 AND 2019

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

| Income | Households | | Families | |
|---|------------|---------|----------|---------|
| | Number | Percent | Number | Percent |
| 2018 (in 2018 inflation-adjusted dollars) | 455,309 | 100.0 | 316,849 | 100.0 |
| Less than \$10,000 | 24,091 | 5.3 | 8,444 | 2.7 |
| \$10,000 to \$14,999 | 9,842 | 2.2 | 3,263 | 1.0 |
| \$15,000 to \$24,999 | 27,911 | 6.1 | 12,464 | 3.9 |
| \$25,000 to \$34,999 | 32,712 | 7.2 | 17,776 | 5.6 |
| \$35,000 to \$49,999 | 47,812 | 10.5 | 29,475 | 9.3 |
| \$50,000 to \$74,999 | 70,691 | 15.5 | 48,124 | 15.2 |
| \$75,000 to \$99,999 | 60,450 | 13.3 | 46,125 | 14.6 |
| \$100,000 to \$149,999 | 91,465 | 20.1 | 73,807 | 23.3 |
| \$150,000 to \$199,999 | 43,919 | 9.6 | 38,315 | 12.1 |
| \$200,000 or more | 46,416 | 10.2 | 39,056 | 12.3 |
| Median income (dollars) | 80,212 | (X) | 95,448 | (X) |
| 2019 (in 2019 inflation-adjusted dollars) | 465,299 | 100.0 | 316,206 | 100.0 |
| Less than \$10,000 | 23,344 | 5.0 | 9,377 | 3.0 |
| \$10,000 to \$14,999 | 12,238 | 2.6 | 3,827 | 1.2 |
| \$15,000 to \$24,999 | 27,456 | 5.9 | 11,911 | 3.8 |
| \$25,000 to \$34,999 | 29,598 | 6.4 | 15,537 | 4.9 |
| \$35,000 to \$49,999 | 40,282 | 8.7 | 25,279 | 8.0 |
| \$50,000 to \$74,999 | 78,291 | 16.8 | 51,523 | 16.3 |
| \$75,000 to \$99,999 | 62,750 | 13.5 | 46,308 | 14.6 |
| \$100,000 to \$149,999 | 92,806 | 19.9 | 73,057 | 23.1 |
| \$150,000 to \$199,999 | 47,879 | 10.3 | 39,286 | 12.4 |
| \$200,000 or more | 50,655 | 10.9 | 40,101 | 12.7 |
| Median income (dollars) | 83,102 | (X) | 96,462 | (X) |

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 July 5, 2021.

Table 13.25-- HOUSEHOLD INCOME TYPE AND PER CAPITA INCOME, BY COUNTY: 2015-2019

[Average of 5-year periods. Data are based on a sample and are subject to sampling variability. In 2019 inflation-adjusted dollars]

| Subject | State total | City & County of Honolulu | Hawaii County | Kalawao County | Kauai County | Maui County |
|---|-------------|---------------------------|---------------|----------------|--------------|-------------|
| With earnings (number) | 369,066 | 257,148 | 50,350 | 36 | 17,879 | 43,653 |
| Mean earnings (dollars) | 98,639 | 103,183 | 78,764 | 84,031 | 91,558 | 97,704 |
| With Social Security income (number) | 165,877 | 107,496 | 29,208 | 4 | 8,923 | 20,246 |
| Mean Social Security income (dollars) | 20,280 | 20,367 | 19,704 | 6,900 | 20,338 | 20,624 |
| With retirement income (number) | 116,269 | 81,049 | 16,937 | 3 | 5,476 | 12,804 |
| Mean retirement income (dollars) | 31,924 | 33,294 | 30,126 | (1/) | 28,428 | 27,122 |
| With Supplemental Security income (number) | 19,227 | 12,430 | 4,050 | 2 | 763 | 1,982 |
| Mean Supplemental Security income (dollars) | 9,824 | 9,614 | 10,184 | (1/) | 10,586 | 10,122 |
| With cash public assistance income (number) | 13,532 | 9,065 | 2,701 | 2 | 440 | 1,324 |
| Mean cash public assistance income (dollars) | 4,511 | 4,369 | 4,830 | (1/) | 4,964 | 4,681 |
| With Food Stamp/SNAP benefits in the past 12 months | 49,830 | 28,981 | 13,706 | 2 | 2,064 | 5,077 |
| Per capita income (dollars) | 35,567 | 36,816 | 30,542 | 49,118 | 33,143 | 35,241 |

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

Source: U.S. Census Bureau, American Community Survey 5-Year Estimates 2015-2019, "DP03: Selected Economic Characteristics: Hawaii State, and Counties" <<https://data.census.gov/cedsci/>> accessed July 5, 2021.

Table 13.26-- ANNUAL SELF-SUFFICIENCY FAMILY BUDGETS FOR SELECTED FAMILY TYPES: 2018

[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 | 35,143 | 44,998 | 59,428 | 74,221 | 80,417 |
| Honolulu | 36,347 | 45,709 | 62,334 | 77,637 | 83,046 |
| Hawaii | 29,047 | 39,211 | 49,049 | 60,060 | 67,601 |
| Maui | 35,476 | 47,017 | 57,674 | 73,018 | 81,133 |
| Kauai | 34,806 | 46,669 | 55,255 | 69,513 | 78,323 |
| Selected state benchmarks (dollars) | | | | | |
| Poverty threshold | 13,960 | 18,930 | 18,930 | 23,900 | 28,870 |
| Minimum wage | 21,008 | 42,016 | 21,008 | 21,008 | 42,016 |
| Median family income | 39,010 | 93,010 | 33,800 | 20,000 | 99,100 |
| Self-sufficiency income above or below (-) selected state benchmarks (percent) | | | | | |
| Poverty threshold | 151.7 | 137.7 | 213.9 | 210.5 | 178.5 |
| Minimum wage | 67.3 | 7.1 | 182.9 | 253.3 | 91.4 |
| Median family income | -9.9 | -51.6 | 75.8 | 271.1 | -18.9 |
| Families with income below self-sufficiency level (percent) 1/ | | | | | |
| State | 45.7 | 19.1 | 78.9 | 81.8 | 42.9 |

1/ Based on U.S. Census Bureau, 2018 American Community Survey, Public Use Microdata Sample File (ACS-PUMS) and 2018 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 2018" (December 2019) <http://dbedt.hawaii.gov/economic/reports_studies/self-sufficiency-income-study/> accessed July 21, 2021.

Table 13.27-- POVERTY STATUS OF PERSONS: 2000 TO 2019

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

| Year | Total (1,000) | Number (1,000) | Standard error | Percent | Standard error |
|------------|------------------|-------------------|-------------------|---------|-------------------|
| 2000 | 1,195 | 106 | 12 | 8.9 | 0.9 |
| 2001 | 1,205 | 138 | 13 | 11.4 | 1.1 |
| 2002 | 1,219 | 138 | 14 | 11.3 | 1.0 |
| 2003 | 1,250 | 117 | 12 | 9.3 | 1.0 |
| 2004 1/ | 1,244 | 106 | 12 | 8.6 | 1.0 |
| 2005 1/ | 1,274 | 110 | 12 | 8.6 | 1.0 |
| 2006 1/ | 1,254 | 116 | 13 | 9.2 | 1.0 |
| 2007 1/ | 1,264 | 94 | 12 | 7.5 | 0.9 |
| 2008 1/ | 1,255 | 125 | 13 | 9.9 | 1.1 |
| 2009 1/ | 1,250 | 156 | 14 | 12.5 | 1.2 |
| 2010 1/ | 1,311 | 162 | 15 | 12.4 | 1.2 |
| 2011 1/ | 1,337 | 162 | 18 | 12.1 | 1.4 |
| 2012 1/ | 1,356 | 188 | 21 | 13.8 | 1.6 |
| 2013 1/ 2/ | 1,338 | 142 | 24 | 10.6 | 1.8 |
| 2014 1/ | 1,365 | 147 | 16 | 10.8 | 1.1 |
| 2015 1/ | 1,382 | 151 | 16 | 10.9 | 1.1 |
| 2016 1/ | 1,392 | 129 | 17 | 9.3 | 1.2 |
| 2017 1/ 3/ | 1,402 | 149 | 17 | 10.6 | 1.2 |
| 2018 | 1,393 | 128 | 16 | 9.2 | 1.1 |
| 2019 | 1,365 | 115 | 17 | 8.4 | 1.3 |

1/ For the United States, the poverty rate was 12.7 percent in 2004, 12.6 percent in 2005, 12.3 percent in 2006, 12.5 percent in 2007, 13.2 percent in 2008, 14.3 percent in 2009, 15.1 percent in 2010, 15.0 percent in 2011, 15.0 percent in 2012, 14.8 percent in 2013 (revised), 14.8 percent in 2014, 13.5 percent in 2015, 12.7 percent in 2016, 12.3 percent in 2017, 11.8 percent in 2018, and 10.5 percent in 2019.

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

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

Source: U.S. Bureau of the Census, Historical Poverty Tables - People, Tables 19 and 21
<<https://www.census.gov/data/tables/time-series/demo/income-poverty/historical-poverty-people.html>>
accessed July 11, 2021.

Table 13.28-- POVERTY STATUS, FOR THE STATE AND BY COUNTY: 2015-2019

[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 2015-2019. Data in percent below poverty level]

| Subject | State total | City & County of Honolulu | Hawaii County | Kalawao County | Kauai County | Maui County |
|--|-------------|---------------------------|---------------|----------------|--------------|-------------|
| All families | 6.4 | 5.4 | 11.6 | 22.2 | 5.9 | 6.5 |
| With related children under 18 years | 9.6 | 8.0 | 19.7 | (1/) | 8.5 | 8.4 |
| With related children under 5 years only | 9.1 | 7.1 | 21.4 | (1/) | 16.6 | 8.6 |
| Married couple families | 3.6 | 3.1 | 5.6 | 22.2 | 3.1 | 4.2 |
| With related children under 18 years | 4.0 | 3.6 | 6.7 | (1/) | 2.9 | 4.3 |
| With related children under 5 years only | 3.0 | 2.7 | 7.6 | (1/) | 2.7 | 1.2 |
| Families with female householder, no husband present | 17.5 | 15.2 | 29.4 | (1/) | 15.2 | 15.5 |
| With related children under 18 years | 27.3 | 24.7 | 42.8 | (1/) | 21.0 | 21.0 |
| With related children under 5 years only | 34.1 | 31.2 | 51.2 | (1/) | 33.6 | 30.1 |
| All people | 9.4 | 8.3 | 15.6 | 10.0 | 8.1 | 9.3 |
| Under 18 years | 11.9 | 10.1 | 22.9 | (1/) | 9.0 | 10.7 |
| Related children under 18 years | 11.5 | 9.6 | 22.6 | (1/) | 8.7 | 10.0 |
| Related children under 5 years | 13.4 | 10.5 | 28.4 | (1/) | 13.6 | 13.6 |
| Related children 5 to 17 years | 10.7 | 9.3 | 20.4 | (1/) | 6.8 | 8.6 |
| 18 years and over | 8.8 | 7.8 | 13.6 | 10.0 | 7.9 | 8.9 |
| 18 to 64 years | 9.0 | 7.8 | 14.9 | 11.1 | 8.3 | 9.1 |
| 65 years and over | 8.1 | 7.8 | 9.8 | 0.0 | 6.4 | 8.1 |
| People in families | 6.4 | 5.4 | 12.2 | 19.0 | 5.3 | 6.2 |
| Unrelated individuals 15 years and over | 23.6 | 22.6 | 29.4 | 5.1 | 20.9 | 22.7 |

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

Source: U.S. Census Bureau, 2015-2019 American Community Survey 5-Year Estimates, "DP03: Selected Economic Characteristics: Hawaii State, and Counties" <<https://data.census.gov/>> accessed July 11, 2021.

Table 13.29-- POVERTY INCOME GUIDELINES FOR HAWAII, THE 48 CONTIGUOUS STATES, AND ALASKA: 2012 TO 2021

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

| Effective date | Size of family unit | | | | | | | | Add'n member |
|----------------|---------------------|--------|--------|--------|--------|--------|--------|--------|--------------|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | |
| Jan. 26, 2012 | 12,860 | 17,410 | 21,960 | 26,510 | 31,060 | 35,610 | 40,160 | 44,710 | 4,550 |
| Jan. 24, 2013 | 13,230 | 17,850 | 22,470 | 27,090 | 31,710 | 36,330 | 40,950 | 45,570 | 4,620 |
| Jan. 22, 2014 | 13,420 | 18,090 | 22,760 | 27,430 | 32,100 | 36,770 | 41,440 | 46,110 | 4,670 |
| Jan. 22, 2015 | 13,550 | 18,330 | 23,110 | 27,890 | 32,670 | 37,450 | 42,230 | 47,010 | 4,780 |
| Jan. 25, 2016 | 13,670 | 18,430 | 23,190 | 27,950 | 32,710 | 37,470 | 42,230 | 47,010 | 4,780 |
| Jan. 26, 2017 | 13,860 | 18,670 | 23,480 | 28,290 | 33,100 | 37,910 | 42,720 | 47,530 | 4,810 |
| Jan. 13, 2018 | 13,960 | 18,930 | 23,900 | 28,870 | 33,840 | 38,810 | 43,780 | 48,750 | 4,970 |
| Jan. 11, 2019 | 14,380 | 19,460 | 24,540 | 29,620 | 34,700 | 39,780 | 44,860 | 49,940 | 5,080 |
| Jan. 15, 2020 | 14,680 | 19,830 | 24,980 | 30,130 | 35,280 | 40,430 | 45,580 | 50,730 | 5,150 |
| Jan. 13, 2021 | 14,820 | 20,040 | 25,260 | 30,480 | 35,700 | 40,920 | 46,140 | 51,360 | 5,220 |
| Jan. 26, 2012 | | | | | | | | | |
| U.S. 1/ | 11,170 | 15,130 | 19,090 | 23,050 | 27,010 | 30,970 | 34,930 | 38,890 | 3,960 |
| Alaska | 13,970 | 18,920 | 23,870 | 28,820 | 33,770 | 38,720 | 43,670 | 48,620 | 4,950 |
| Jan. 24, 2013 | | | | | | | | | |
| U.S. 1/ | 11,490 | 15,510 | 19,530 | 23,550 | 27,570 | 31,590 | 35,610 | 39,630 | 4,020 |
| Alaska | 14,350 | 19,380 | 24,410 | 29,440 | 34,470 | 39,500 | 44,530 | 49,560 | 5,030 |
| Jan. 22, 2014 | | | | | | | | | |
| U.S. 1/ | 11,670 | 15,730 | 19,790 | 23,850 | 27,910 | 31,970 | 36,030 | 40,090 | 4,060 |
| Alaska | 14,580 | 19,660 | 24,740 | 29,820 | 34,900 | 39,980 | 45,060 | 50,140 | 5,080 |
| Jan. 22, 2015 | | | | | | | | | |
| U.S. 1/ | 11,770 | 15,930 | 20,090 | 24,250 | 28,410 | 32,570 | 36,730 | 40,890 | 4,160 |
| Alaska | 14,720 | 19,920 | 25,120 | 30,320 | 35,520 | 40,720 | 45,920 | 51,120 | 5,200 |
| Jan. 25, 2016 | | | | | | | | | |
| U.S. 1/ | 11,880 | 16,020 | 20,160 | 24,300 | 28,440 | 32,580 | 36,730 | 40,890 | 4,160 |
| Alaska | 14,840 | 20,020 | 25,200 | 30,380 | 35,560 | 40,740 | 45,920 | 51,120 | 5,200 |
| Jan. 26, 2017 | | | | | | | | | |
| U.S. 1/ | 12,060 | 16,240 | 20,420 | 24,600 | 28,780 | 32,960 | 37,140 | 41,320 | 4,180 |
| Alaska | 15,060 | 20,290 | 25,520 | 30,750 | 35,980 | 41,210 | 46,440 | 51,670 | 5,230 |
| Jan. 13, 2018 | | | | | | | | | |
| U.S. 1/ | 12,140 | 16,460 | 20,780 | 25,100 | 29,420 | 33,740 | 38,060 | 42,380 | 4,320 |
| Alaska | 15,180 | 20,580 | 25,980 | 31,380 | 36,780 | 42,180 | 47,580 | 52,980 | 5,400 |
| Jan. 11, 2019 | | | | | | | | | |
| U.S. 1/ | 12,490 | 16,910 | 21,330 | 28,750 | 30,170 | 34,590 | 39,010 | 43,430 | 4,420 |
| Alaska | 15,600 | 21,130 | 26,660 | 32,190 | 37,720 | 43,250 | 48,780 | 54,310 | 5,530 |
| Jan. 15, 2020 | | | | | | | | | |
| U.S. 1/ | 12,760 | 17,240 | 21,720 | 26,200 | 30,680 | 35,160 | 39,640 | 44,120 | 4,480 |
| Alaska | 15,950 | 21,550 | 27,150 | 32,750 | 38,350 | 43,950 | 49,550 | 55,150 | 5,600 |
| 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 |

Continued on next page.

Table 13.29-- POVERTY INCOME GUIDELINES FOR HAWAII, THE 48 CONTIGUOUS STATES, AND ALASKA: 2012 TO 2021 -- Con.

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

Source: U.S. Department of Health and Human Services, "Annual Update of the HHS Poverty Guidelines," *Federal Register* for 2011 <<http://aspe.hhs.gov/poverty/11poverty.shtml>> accessed March 16, 2011;
for 2012 <<http://aspe.hhs.gov/poverty/12poverty.shtml>> accessed March 27, 2012;
for 2013 <<http://aspe.hhs.gov/poverty/13poverty.cfm>> accessed May 15, 2013;
for 2014 <<http://aspe.hhs.gov/poverty/14poverty.cfm>> accessed February 21, 2014;
for 2015 <<http://aspe.hhs.gov/poverty/15poverty.cfm>> accessed February 21, 2015;
for 2016 <<https://federalregister.gov/a/2016-01450>> accessed February 1, 2016;
for 2017 <<https://federalregister.gov/a/2017-02076>> accessed February 1, 2017;
for 2018 <<https://www.gpo.gov/fdsys/pkg/FR-2018-01-18/pdf/2018-00814.pdf>> accessed March 7, 2018;
for 2019 <<https://www.govinfo.gov/app/details/FR-2019-02-01/2019-00621>> accessed July 18, 2019;
for 2020 <<https://www.govinfo.gov/content/pkg/FR-2020-01-17/pdf/2020-00858.pdf>> accessed February 3, 2020; and
for 2021 <<https://www.govinfo.gov/content/pkg/FR-2021-02-01/pdf/2021-01969.pdf>> accessed February 1, 2021.

Table 13.30-- AVERAGE ANNUAL EXPENDITURES AND OTHER CHARACTERISTICS OF CONSUMER UNITS, FOR HONOLULU METROPOLITAN STATISTICAL AREA: 2000-2001 TO 2004-2005

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

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

Continued on next page.

Table 13.30-- AVERAGE ANNUAL EXPENDITURES AND OTHER CHARACTERISTICS OF CONSUMER UNITS, FOR HONOLULU METROPOLITAN STATISTICAL AREA: 2000-2001 TO 2004-2005 -- Con.

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

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

Source: U.S. Bureau of Labor Statistics, Selected Western Metropolitan Statistical Areas: Average Annual Expenditures and Characteristics, Consumer Expenditure Survey (annual)
<<http://www.bls.gov/cex/csxmsa.htm>> accessed December 27, 2006.

Table 13.31-- AVERAGE ANNUAL EXPENDITURES AND OTHER CHARACTERISTICS OF CONSUMER UNITS, FOR HONOLULU METROPOLITAN STATISTICAL AREA: 2016-2017 to 2018-2019

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

| Item | 2016-2017 | 2017-2018 | 2018-2019 |
|---------------------------------------|-----------|-----------|-----------|
| Average annual expenditures | 65,099 | 60,710 | 63,481 |
| Food | 10,036 | 10,985 | 11,969 |
| Food at home | 5,161 | 5,899 | 6,624 |
| Cereals and bakery products | 511 | 691 | 835 |
| Meats, poultry, fish, and eggs | 1,349 | 1,467 | 1,597 |
| Dairy products | 413 | 508 | 563 |
| Fruits and vegetables | 1,071 | 1,265 | 1,376 |
| Other food at home | 1,816 | 1,968 | 2,253 |
| Food away from home | 4,875 | 5,086 | 5,345 |
| Alcoholic beverages | 658 | 517 | 546 |
| Housing | 24,355 | 23,045 | 23,089 |
| Shelter | 16,502 | 14,710 | 15,165 |
| Owned dwellings | 6,982 | 7,376 | 7,901 |
| Rented dwellings | 8,769 | 6,949 | 6,704 |
| Other lodging | 751 | 385 | 561 |
| Utilities, fuels, and public services | 4,203 | 4,416 | 4,417 |
| Household operations | 1,441 | 1,263 | 944 |
| Housekeeping supplies | 716 | 838 | 871 |
| Household furnishings and equip. | 1,492 | 1,817 | 1,692 |
| Apparel and services | 1,667 | 1,634 | 1,577 |
| Transportation | 7,391 | 6,611 | 8,403 |
| Vehicle purchases (net outlay) | 1,954 | 1,595 | 2,865 |
| Gasoline and motor oil | 1,794 | 1,800 | 1,851 |
| Other vehicle expenses | 2,156 | 2,202 | 2,543 |
| Public and other transportation | 1,488 | 1,014 | 1,143 |
| Healthcare | 3,977 | 4,134 | 4,233 |
| Entertainment | 3,285 | 2,665 | 2,307 |
| Personal care products and services | 705 | 798 | 755 |
| Reading | 77 | 53 | 30 |
| Education | 1,820 | 1,074 | 1,375 |
| Tobacco products & smoking supplies | 101 | 178 | 206 |
| Miscellaneous | 597 | 358 | 413 |
| Cash contributions | 3,512 | 1,456 | 952 |
| Personal insurance and pensions | 6,919 | 7,202 | 7,628 |
| Life and other personal insurance | 251 | 289 | 385 |
| Pensions and Social Security | 6,668 | 6,912 | 7,243 |

Continued on next page.

Table 13.31-- AVERAGE ANNUAL EXPENDITURES AND OTHER CHARACTERISTICS OF CONSUMER UNITS, FOR HONOLULU METROPOLITAN STATISTICAL AREA: 2016-2017 to 2018-2019 -- Con.

| Item | 2016-2017 | 2017-2018 | 2018-2019 |
|---------------------------------------|-----------|-----------|-----------|
| Number of consumer units (1,000's) 1/ | 532 | 537 | 562 |
| Consumer unit characteristics 1/ | | | |
| Income before taxes | 93,672 | 94,905 | 95,375 |
| Age of reference person | 53.0 | 56.6 | 56.7 |
| Average number in consumer unit 1/ | | | |
| People | 2.7 | 2.8 | 2.7 |
| Children under 18 | 0.6 | 0.6 | 0.5 |
| Adults 65 and older | 0.5 | 0.6 | 0.5 |
| Earners | 1.4 | 1.5 | 1.5 |
| Vehicles | 1.7 | 1.8 | 1.7 |
| Percent homeowner | 54.0 | 62.0 | 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, (annual) <<https://www.bls.gov/cex/tables.htm>> accessed June 17, 2021.

Table 13.32-- AVERAGE ANNUAL EXPENDITURES AND OTHER CHARACTERISTICS OF CONSUMER UNITS, FOR SELECTED WESTERN METROPOLITAN STATISTICAL AREAS: 2018-2019

[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 | 68,880 | 63,481 | 69,824 | 87,287 | 77,451 | 81,266 | 66,489 | 76,274 | 76,784 |
| Food | 8,930 | 11,969 | 9,177 | 11,486 | 10,651 | 10,291 | 8,221 | 8,796 | 10,323 |
| Food at home | 4,934 | 6,624 | 4,584 | 5,713 | 5,498 | 5,543 | 3,836 | 4,948 | 6,636 |
| Cereals and bakery products | 606 | 835 | 576 | 661 | 648 | 657 | 479 | 600 | 913 |
| Meats, poultry, fish, and eggs | 983 | 1,597 | 989 | 1,258 | 1,150 | 1,056 | 731 | 1,002 | 1,377 |
| Dairy products | 508 | 563 | 449 | 608 | 552 | 528 | 403 | 476 | 628 |
| Fruits and vegetables | 982 | 1,376 | 944 | 1,253 | 1,058 | 1,183 | 657 | 1,057 | 1,164 |
| Other food at home | 1,854 | 2,253 | 1,625 | 1,932 | 2,091 | 2,121 | 1,566 | 1,814 | 2,556 |
| Food away from home | 3,996 | 5,345 | 4,593 | 5,773 | 5,153 | 4,748 | 4,385 | 3,848 | 3,686 |
| Alcoholic beverages | 644 | 546 | 599 | 919 | 1,108 | 837 | 594 | 637 | 666 |
| Housing | 23,218 | 23,089 | 24,613 | 31,960 | 27,764 | 29,234 | 21,492 | 25,582 | 23,436 |
| Shelter | 14,535 | 15,165 | 16,703 | 22,299 | 19,403 | 18,778 | 11,641 | 15,657 | 14,072 |
| Owned dwellings | 7,328 | 7,901 | 7,501 | 9,656 | 8,587 | 10,016 | 7,175 | 8,258 | 8,530 |
| Rented dwellings | 6,268 | 6,704 | 8,478 | 11,355 | 9,568 | 7,073 | 3,493 | 6,276 | 4,525 |
| Other lodging | 938 | 561 | 724 | 1,288 | 1,248 | 1,689 | 974 | 1,123 | 1,017 |
| Utilities, fuels, and public services | 3,932 | 4,417 | 3,848 | 4,096 | 3,532 | 3,963 | 4,560 | 4,366 | 4,672 |
| Household operations | 1,768 | 944 | 1,647 | 3,346 | 1,862 | 2,552 | 1,668 | 2,338 | 1,281 |
| Housekeeping supplies | 746 | 871 | 673 | 674 | 674 | 765 | 821 | 729 | 967 |
| Household furnishings and equip. | 2,238 | 1,692 | 1,743 | 1,545 | 2,293 | 3,175 | 2,802 | 2,492 | 2,444 |
| Apparel and services | 1,989 | 1,577 | 2,080 | 2,427 | 2,274 | 2,915 | 2,178 | 2,156 | 2,653 |
| Transportation | 11,210 | 8,403 | 10,959 | 11,103 | 11,704 | 11,506 | 12,525 | 12,331 | 13,313 |
| Vehicle purchases (net outlay) | 4,187 | 2,865 | 3,435 | 3,796 | 3,334 | 3,902 | 5,890 | 4,641 | 5,539 |
| Gasoline and motor oil | 2,397 | 1,851 | 2,890 | 2,123 | 2,576 | 2,290 | 2,151 | 1,943 | 2,363 |
| Other vehicle expenses | 3,634 | 2,543 | 3,723 | 3,448 | 4,291 | 3,689 | 3,750 | 4,626 | 3,816 |
| Public and other transportation | 992 | 1,143 | 910 | 1,736 | 1,504 | 1,625 | 734 | 1,121 | 1,594 |

Continued on next page.

Table 13.32-- AVERAGE ANNUAL EXPENDITURES AND OTHER CHARACTERISTICS OF CONSUMER UNITS, FOR SELECTED WESTERN METROPOLITAN STATISTICAL AREAS: 2018-2019 -- Con.

| Item | All consumer units in the West 1/ | Honolulu | Los Angeles | San Francisco | San Diego | Seattle | Phoenix | Denver | Anchorage |
|-------------------------------------|-----------------------------------|----------|-------------|---------------|-----------|---------|---------|---------|-----------|
| Healthcare | 5,005 | 4,233 | 4,158 | 4,898 | 4,645 | 5,140 | 5,972 | 5,977 | 5,179 |
| Entertainment | 3,554 | 2,307 | 2,901 | 3,810 | 4,590 | 4,725 | 3,611 | 4,622 | 5,311 |
| Personal care products and services | 847 | 755 | 872 | 915 | 1,025 | 963 | 1,040 | 1,053 | 743 |
| Reading | 107 | 30 | 91 | 157 | 104 | 119 | 49 | 128 | 129 |
| Education | 1,469 | 1,375 | 1,854 | 2,713 | 1,057 | 2,098 | 1,010 | 2,032 | 1,218 |
| Tobacco products & smoking supplies | 245 | 206 | 201 | 100 | 116 | 367 | 369 | 255 | 435 |
| Miscellaneous | 1,054 | 413 | 1,172 | 1,454 | 1,551 | 981 | 698 | 1,176 | 1,328 |
| Cash contributions | 2,623 | 952 | 1,910 | 4,334 | 1,658 | 1,772 | 2,253 | 1,857 | 1,810 |
| Personal insurance and pensions | 7,985 | 7,628 | 9,238 | 11,012 | 9,202 | 10,317 | 6,478 | 9,673 | 10,241 |
| Life and other personal insurance | 429 | 385 | 444 | 660 | 472 | 454 | 288 | 411 | 507 |
| Pensions and Social Security | 7,557 | 7,243 | 8,794 | 10,352 | 8,730 | 9,864 | 6,190 | 9,262 | 9,734 |
| Number of consumer units (1,000's) | 29,542 | 562 | 6,769 | 1,839 | 1,078 | 1,891 | 1,229 | 1,288 | 234 |
| Consumer unit characteristics | | | | | | | | | |
| Income before taxes | 86,301 | 95,375 | 90,037 | 138,041 | 97,853 | 115,137 | 74,635 | 106,128 | 94,235 |
| Age of reference person | 50.4 | 56.7 | 49.9 | 52.1 | 48.1 | 46.6 | 53.0 | 48.6 | 50.1 |
| Average number in consumer unit | | | | | | | | | |
| People | 2.6 | 2.7 | 2.9 | 2.3 | 2.6 | 2.4 | 2.5 | 2.5 | 2.3 |
| Children under 18 | 0.6 | 0.5 | 0.7 | 0.4 | 0.6 | 0.6 | 0.6 | 0.6 | 0.5 |
| Adults 65 and older | 0.4 | 0.5 | 0.3 | 0.4 | 0.3 | 0.3 | 0.5 | 0.3 | 0.3 |
| Earners | 1.4 | 1.5 | 1.5 | 1.4 | 1.4 | 1.4 | 1.2 | 1.6 | 1.4 |
| Vehicles | 2.0 | 1.7 | 1.7 | 1.7 | 2.0 | 2.0 | 1.9 | 2.0 | 2.4 |
| Percent homeowner | 59.0 | 62.0 | 50.0 | 54.0 | 50.0 | 58.0 | 70.0 | 65.0 | 65.0 |

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

Source: U.S. Bureau of Labor Statistics, Selected Western Metropolitan Statistical Areas: Average Annual Expenditures and Characteristics, (September 2020) <<https://www.bls.gov/cex/tables.htm>> accessed June 17, 2021.

**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: 2013 TO 2019

[In millions of current dollars. BEA revised estimates in this series 2013 to 2018]

| Industry | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 |
|--|--------|--------|--------|--------|--------|--------|--------|
| Personal consumption expenditures (PCE) | 54,767 | 57,295 | 59,262 | 61,463 | 64,057 | 67,372 | 69,993 |
| Goods | 17,357 | 17,744 | 17,905 | 18,364 | 19,111 | 20,164 | 20,800 |
| Durable goods | 5,646 | 5,794 | 5,970 | 6,145 | 6,411 | 6,781 | 6,916 |
| Motor vehicles & parts | 1,546 | 1,641 | 1,775 | 1,832 | 1,900 | 1,935 | 1,889 |
| Furnishings & durable household equipment | 1,206 | 1,272 | 1,341 | 1,421 | 1,513 | 1,611 | 1,649 |
| Recreational goods & vehicles | 1,927 | 1,858 | 1,773 | 1,751 | 1,812 | 1,981 | 2,113 |
| Other durable goods | 967 | 1,023 | 1,082 | 1,141 | 1,187 | 1,254 | 1,265 |
| Nondurable goods | 11,712 | 11,950 | 11,934 | 12,219 | 12,700 | 13,383 | 13,884 |
| Food & beverages purchased for off-premises consumption | 4,928 | 5,028 | 5,085 | 5,168 | 5,366 | 5,634 | 5,864 |
| Clothing and footwear | 1,179 | 1,216 | 1,223 | 1,264 | 1,282 | 1,379 | 1,391 |
| Gasoline & other energy goods | 1,111 | 1,046 | 777 | 753 | 849 | 968 | 893 |
| Other nondurable goods | 4,495 | 4,660 | 4,850 | 5,034 | 5,203 | 5,402 | 5,735 |
| Services | 37,410 | 39,551 | 41,358 | 43,099 | 44,946 | 47,209 | 49,194 |
| Household consumption expenditures (for services) | 34,986 | 36,962 | 38,838 | 40,402 | 42,213 | 44,289 | 46,235 |
| Housing and utilities | 11,671 | 12,338 | 13,029 | 13,610 | 14,170 | 14,691 | 15,186 |
| Health care | 7,591 | 7,992 | 8,507 | 8,883 | 9,356 | 9,889 | 10,464 |
| Transportation services | 1,753 | 1,792 | 1,779 | 1,863 | 1,901 | 2,066 | 2,167 |
| Recreation services | 1,952 | 2,056 | 2,135 | 2,207 | 2,273 | 2,346 | 2,393 |
| Food services & accom. | 2,880 | 3,014 | 3,158 | 3,287 | 3,409 | 3,523 | 3,645 |
| Financial services & insurance | 4,213 | 4,533 | 4,750 | 4,910 | 5,244 | 5,593 | 5,816 |
| Other services | 4,926 | 5,237 | 5,481 | 5,642 | 5,860 | 6,182 | 6,562 |
| Final consumption expenditures of nonprofit institutions serving households (NPISHs) | 2,424 | 2,589 | 2,519 | 2,697 | 2,733 | 2,920 | 2,959 |
| Gross output of nonprofit institutions | 6,797 | 7,248 | 7,405 | 7,724 | 7,936 | 8,439 | 8,832 |
| Less: Receipts from sales of goods & serv. by nonprof. inst. | 4,373 | 4,659 | 4,886 | 5,027 | 5,203 | 5,519 | 5,873 |

Source: U.S. Bureau of Economic Analysis, Interactive Tables: SAEXP1 Total personal consumption expenditures (PCE) by state: 1997 to 2019
<https://apps.bea.gov/iTable/iTable.cfm?reqid=70&step=1&acrdn=7#reqid=70&step=1&acrdn=7> accessed October 8, 2020. See also "Personal Consumption Expenditures, By State: 2019" (October 8, 2020)
<https://www.bea.gov/news/2020/personal-consumption-expenditures-state-2019> accessed June 17, 2021.

**Table 13.39-- PERSONAL CONSUMPTION EXPENDITURES PER CAPITA,
BY MAJOR TYPE OF PRODUCT: 2013 TO 2019**

[Per capita PCE estimates are in current dollars, and reflect Census Bureau midyear population estimates, for years 2013-2019 available as of December 2019. Per capita values are computed from unrounded data. Source revised 2010 to 2018]

| Industry | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 |
|--|--------|--------|--------|--------|--------|--------|--------|
| Personal consumption expend. (PCE) per cap. | 38,890 | 40,504 | 41,674 | 43,055 | 44,971 | 47,425 | 49,435 |
| Goods | 12,325 | 12,544 | 12,591 | 12,864 | 13,417 | 14,194 | 14,690 |
| Durable goods | 4,009 | 4,096 | 4,198 | 4,305 | 4,501 | 4,773 | 4,885 |
| Motor vehicles & parts | 1,098 | 1,160 | 1,248 | 1,283 | 1,334 | 1,362 | 1,334 |
| Furnishings & durable household equipment | 856 | 899 | 943 | 996 | 1,062 | 1,134 | 1,165 |
| Rec. goods & vehicles | 1,368 | 1,313 | 1,247 | 1,226 | 1,272 | 1,394 | 1,492 |
| Other durable goods | 687 | 723 | 761 | 799 | 833 | 883 | 894 |
| Nondurable goods | 8,317 | 8,448 | 8,392 | 8,560 | 8,916 | 9,421 | 9,806 |
| Food & bev. purchased for off-premises consumption | 3,499 | 3,554 | 3,576 | 3,620 | 3,767 | 3,966 | 4,141 |
| Clothing and footwear | 837 | 859 | 860 | 886 | 900 | 971 | 983 |
| Gasoline & other energy goods | 789 | 739 | 546 | 528 | 596 | 681 | 631 |
| Other nondurable goods | 3,192 | 3,294 | 3,410 | 3,526 | 3,652 | 3,803 | 4,051 |
| Services | 26,565 | 27,960 | 29,083 | 30,191 | 31,555 | 33,232 | 34,744 |
| Household consumption expenditures (for services) | 24,844 | 26,130 | 27,312 | 28,302 | 29,636 | 31,176 | 32,654 |
| Housing and utilities | 8,288 | 8,722 | 9,162 | 9,534 | 9,948 | 10,341 | 10,726 |
| Health care | 5,390 | 5,650 | 5,982 | 6,223 | 6,569 | 6,961 | 7,390 |
| Transportation services | 1,245 | 1,267 | 1,251 | 1,305 | 1,334 | 1,454 | 1,531 |
| Recreation services | 1,386 | 1,454 | 1,501 | 1,546 | 1,596 | 1,652 | 1,690 |
| Food services & accom. | 2,045 | 2,131 | 2,221 | 2,302 | 2,393 | 2,480 | 2,575 |
| Financial services & insur. | 2,992 | 3,205 | 3,340 | 3,440 | 3,682 | 3,937 | 4,108 |
| Other services | 3,498 | 3,702 | 3,854 | 3,952 | 4,114 | 4,351 | 4,635 |
| Final cons. expend. of nonprofit inst. serving households (NPISHs) | 1,721 | 1,830 | 1,772 | 1,889 | 1,919 | 2,055 | 2,090 |
| Gross output of nonprofit institutions | 4,826 | 5,124 | 5,207 | 5,410 | 5,572 | 5,940 | 6,238 |
| Less: Receipts from sales of goods & serv. by nonprof. inst. | 3,105 | 3,294 | 3,436 | 3,521 | 3,653 | 3,885 | 4,148 |

Source: U.S. Bureau of Economic Analysis, Interactive Tables: SAEXP2 Per capita personal consumption expenditures (PCE) by state, 1997-2019

<<https://www.bea.gov/itable/itable.cfm?ReqID=70&step=1#reqid=70&step=1&isuri=1>> accessed October 8, 2020. See also "Personal Consumption Expenditures, By State: 2019" (October 8, 2020)

<<https://www.bea.gov/news/2020/personal-consumption-expenditures-state-2019>> accessed June 17, 2021.

**Table 13.40-- PERSONAL CONSUMPTION EXPENDITURES PER CAPITA
FOR THE UNITED STATES AVERAGE, THE 50 STATES AND THE
DISTRICT OF COLUMBIA: 2013 TO 2019**

[In current dollars. Per capita PCE estimates are in current dollars, and reflect Census Bureau midyear population estimates, for years 2013 to 2019 available as of December 2019. Per capita values are computed from unrounded data. Source revised series 2010 to 2018]

| State | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 |
|---------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| U.S. average | 35,790 | 37,118 | 38,331 | 39,521 | 41,028 | 42,802 | 44,276 |
| Hawaii | 38,890 | 40,504 | 41,674 | 43,055 | 44,971 | 47,425 | 49,435 |
| Hawaii as % of U.S. | 108.7 | 109.1 | 108.7 | 108.9 | 109.6 | 110.8 | 111.7 |
| Alabama | 29,343 | 30,260 | 31,077 | 31,941 | 33,057 | 34,331 | 35,490 |
| Alaska | 42,178 | 43,760 | 44,763 | 45,431 | 47,123 | 48,990 | 50,701 |
| Arizona | 30,976 | 32,041 | 33,068 | 33,986 | 35,596 | 36,942 | 38,044 |
| Arkansas | 28,762 | 29,632 | 30,457 | 31,479 | 32,693 | 33,978 | 35,026 |
| California | 37,429 | 38,967 | 40,846 | 42,580 | 44,702 | 46,956 | 49,291 |
| Colorado | 36,709 | 38,246 | 39,604 | 41,117 | 42,844 | 44,582 | 46,362 |
| Connecticut | 44,978 | 46,664 | 47,972 | 49,444 | 51,105 | 53,159 | 54,786 |
| Delaware | 38,424 | 39,712 | 40,871 | 41,744 | 43,035 | 44,733 | 45,827 |
| Dist. of Col. | 54,368 | 56,055 | 57,646 | 59,308 | 60,895 | 63,705 | 65,352 |
| Florida | 35,145 | 36,647 | 37,944 | 38,766 | 39,850 | 41,522 | 43,018 |
| Georgia | 31,031 | 32,298 | 33,273 | 34,316 | 35,705 | 37,101 | 38,076 |
| Hawaii | 38,890 | 40,504 | 41,674 | 43,055 | 44,971 | 47,425 | 49,435 |
| Idaho | 29,984 | 31,126 | 32,219 | 33,339 | 34,899 | 36,323 | 37,183 |
| Illinois | 36,861 | 38,394 | 39,774 | 41,139 | 42,818 | 44,741 | 46,198 |
| Indiana | 32,211 | 33,115 | 33,896 | 35,064 | 36,715 | 38,093 | 39,145 |
| Iowa | 33,322 | 34,387 | 35,110 | 36,169 | 37,449 | 38,610 | 39,324 |
| Kansas | 32,421 | 33,504 | 34,482 | 35,547 | 36,675 | 37,905 | 38,898 |
| Kentucky | 29,773 | 30,729 | 31,784 | 33,001 | 34,127 | 35,324 | 36,348 |
| Louisiana | 31,046 | 32,022 | 32,962 | 33,639 | 34,696 | 36,074 | 37,250 |
| Maine | 38,630 | 39,802 | 41,000 | 42,301 | 44,097 | 45,997 | 47,351 |
| Maryland | 39,589 | 40,884 | 42,063 | 43,325 | 44,841 | 46,253 | 47,529 |
| Massachusetts | 46,135 | 47,703 | 49,376 | 50,737 | 52,429 | 54,395 | 56,231 |
| Michigan | 34,315 | 35,594 | 36,771 | 37,917 | 39,172 | 40,627 | 41,816 |
| Minnesota | 39,147 | 40,322 | 41,201 | 42,373 | 44,059 | 45,972 | 47,159 |
| Mississippi | 27,259 | 27,978 | 28,615 | 29,443 | 30,356 | 31,576 | 32,329 |
| Missouri | 34,541 | 35,349 | 36,260 | 37,275 | 38,699 | 40,068 | 41,279 |
| Montana | 35,368 | 36,297 | 37,458 | 38,178 | 39,416 | 41,049 | 42,400 |
| Nebraska | 35,452 | 36,327 | 37,183 | 38,350 | 39,626 | 40,893 | 41,789 |
| Nevada | 36,247 | 37,656 | 38,715 | 39,755 | 41,009 | 42,367 | 43,166 |
| New Hampshire | 44,924 | 46,228 | 47,530 | 49,048 | 50,810 | 52,895 | 54,585 |
| New Jersey | 44,624 | 46,053 | 47,416 | 48,715 | 50,097 | 52,232 | 54,216 |

Continued on next page.

**Table 13.40-- PERSONAL CONSUMPTION EXPENDITURES PER CAPITA
FOR THE UNITED STATES AVERAGE, THE 50 STATES AND THE
DISTRICT OF COLUMBIA: 2013 TO 2019 -- Con.**

| State | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 |
|----------------|--------|--------|--------|--------|--------|--------|--------|
| New Mexico | 30,805 | 32,077 | 33,062 | 33,880 | 34,844 | 36,392 | 37,158 |
| New York | 41,996 | 44,148 | 45,711 | 47,502 | 49,637 | 52,482 | 54,890 |
| North Carolina | 30,013 | 30,918 | 31,952 | 32,979 | 34,250 | 35,804 | 37,099 |
| North Dakota | 43,872 | 45,509 | 44,918 | 44,194 | 44,930 | 46,819 | 47,902 |
| Ohio | 34,935 | 36,221 | 37,455 | 38,561 | 40,092 | 41,587 | 42,707 |
| Oklahoma | 30,000 | 31,161 | 31,749 | 32,372 | 33,260 | 34,743 | 35,618 |
| Oregon | 34,985 | 36,393 | 37,664 | 38,676 | 40,355 | 42,202 | 43,707 |
| Pennsylvania | 37,979 | 39,115 | 40,199 | 41,352 | 42,822 | 44,829 | 46,502 |
| Rhode Island | 38,096 | 39,680 | 41,241 | 42,338 | 43,918 | 45,655 | 47,045 |
| South Carolina | 30,285 | 31,326 | 31,952 | 32,923 | 33,884 | 35,131 | 36,073 |
| South Dakota | 37,103 | 38,288 | 39,759 | 41,006 | 42,676 | 44,706 | 46,117 |
| Tennessee | 30,346 | 31,465 | 32,473 | 33,669 | 34,985 | 36,485 | 37,582 |
| Texas | 33,237 | 34,597 | 35,568 | 36,389 | 37,664 | 39,344 | 40,552 |
| Utah | 30,550 | 31,876 | 33,148 | 34,529 | 36,044 | 38,010 | 39,514 |
| Vermont | 42,131 | 43,557 | 44,496 | 45,547 | 46,682 | 48,474 | 49,377 |
| Virginia | 38,624 | 39,785 | 40,906 | 42,202 | 43,578 | 45,235 | 46,539 |
| Washington | 38,297 | 39,627 | 41,083 | 42,449 | 44,278 | 46,382 | 48,274 |
| West Virginia | 30,619 | 31,439 | 32,245 | 33,315 | 34,527 | 36,051 | 37,276 |
| Wisconsin | 35,662 | 36,799 | 37,855 | 39,075 | 40,445 | 42,130 | 43,168 |
| Wyoming | 37,753 | 38,891 | 39,313 | 39,536 | 40,923 | 42,659 | 43,723 |

Source: U.S. Bureau of Economic Analysis, Interactive Tables: SAEXP2 Per capita personal consumption expenditures (PCE) by state, 1997-2019

<<https://www.bea.gov/itable/iTable.cfm?ReqID=70&step=1#reqid=70&step=1&isuri=1>> accessed

October 8, 2020. See also "Personal Consumption Expenditures, By State: 2019" (October 8, 2020)

<<https://www.bea.gov/news/2020/personal-consumption-expenditures-state-2019>> accessed June 17, 2021;

and calculations by Hawaii State Department of Business, Economic Development & Tourism.

Table 13.41-- TOP WEALTHHOLDERS: 1962 TO 2016

[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 |

Continued on next page.

Table 13.41-- TOP WEALTHHOLDERS: 1962 TO 2016 -- 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; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

**Table 13.42--TOP WEALTHHOLDERS, FOR HAWAII AND THE UNITED STATES
TOTAL: 2007, 2013, AND 2016**

[Data are estimates based on samples]

| Category | Hawaii | United States | Hawaii as percent of U.S. |
|--|--------|---------------|---------------------------|
| 2007: Wealthholders above \$2.0 million | | | |
| Net worth: Number (1,000) | 7 | 1,841 | 0.4 |
| Amount (\$M.) | 75,601 | 11,627,389 | 0.7 |
| Total assets: Amount (\$M.) | 78,954 | 12,361,069 | 0.6 |
| Financial assets: Number (1,000) | 6 | 1,838 | 0.3 |
| Amount (\$M.) | 59,625 | 7,717,780 | 0.8 |
| All real estate: Number (1,000) | 7 | 1,654 | 0.4 |
| Amount (\$M.) | 14,136 | 2,517,681 | 0.6 |
| All other assets: Number (1,000) | 6 | 1,717 | 0.3 |
| Amount (\$M.) | 5,193 | 2,125,608 | 0.2 |
| 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 |

Source: U. S. Department of Treasury, Internal Revenue Service, IRS Tax Stats Personal Wealth 2007, Table 6 "Top Wealth Holders with Net Worth of \$2.0 Million or More, Net Worth and Selected Assets, by State of Residence" <<https://www.irs.gov/uac/soi-tax-stats-personal-wealth-statistics>> accessed March 5, 2012; Personal Wealth 2013, Table 6 <<https://www.irs.gov/uac/soi-tax-stats-personal-wealth-statistics>> accessed January 18, 2013; Personal Wealth 2016, Table 6 <<https://www.irs.gov/statistics/soi-tax-stats-top-wealthholders-by-state-of-residence>> accessed June 17, 2021; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

Table 13.43-- NET WORTH OF RICHEST RESIDENTS: 2009 TO 2020

| Name | Residence | Age (yrs) | Net worth (million dollars) | Rank | Primary sources |
|-------------------------|-----------|-----------|-----------------------------|-------|---|
| 2009 Omidyar, Pierre | Honolulu | 42 | 5,500 | 40 | Self made, launched Ebay on-line auction 1995, technology |
| 2010 Omidyar, Pierre | Honolulu | 43 | 5,500 | 47 | Self made, launched Ebay on-line auction 1995, technology |
| 2011 Omidyar, Pierre | Honolulu | 44 | 6,200 | 50 | Self made, launched Ebay on-line auction 1995, technology |
| 2012 Omidyar, Pierre | Honolulu | 45 | 8,200 | 42 | Self made, launched Ebay on-line auction 1995, technology |
| 2013 Omidyar, Pierre | Honolulu | 46 | 8,500 | 47 | Self made, launched Ebay on-line auction 1995, technology |
| 2014 Omidyar, Pierre | Honolulu | 47 | 8,200 | 59 | Self made, launched Ebay on-line auction 1995, technology |
| 2015 Omidyar, Pierre | Honolulu | 48 | 8,400 | 57 | Self made, launched Ebay on-line auction 1995, technology |
| 2016 Omidyar, Pierre | Honolulu | 49 | 8,100 | 54 | Self made, launched Ebay on-line auction 1995, technology |
| 2017 Omidyar, Pierre | Honolulu | 50 | 9,600 | 1/ 48 | Self made, launched Ebay on-line auction 1995, technology |
| 2018 Omidyar, Pierre | Honolulu | 51 | 11,600 | 38 | Self made, launched Ebay on-line auction 1995, technology |
| 2019 Omidyar, Pierre | Honolulu | 52 | 13,001 | 36 | eBay, PayPal |
| 2020 Omidyar, Pierre | Honolulu | 53 | 17,200 | 26 | eBay, PayPal |

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

Source: *Forbes*, "The Forbes 400 Richest Americans, 2009" <<http://www.forbes.com/400richest/>> accessed October 19, 2009; for 2010 accessed October 1, 2010; for 2011 accessed September 21, 2011; for 2012 accessed September 19, 2012; for 2013 accessed October 3, 2013; for 2014 accessed March 18, 2015; for 2015 accessed October 28, 2015; for 2016 accessed October 18, 2016; for 2017 accessed January 18, 2018; for 2018 accessed January 25, 2019; for 2019 <<http://www.forbes.com/wealth/forbes-400/list>> accessed January 23, 2020; for 2020 <<http://www.forbes.com/wealth/forbes-400/list>> accessed June 21, 2021.

Table 13.44-- HOUSEHOLD DEBT PER CAPITA FOR HAWAII AND THE UNITED STATES AVERAGE: 1999 TO 2020

[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 | Total 1/ | Auto loan | Credit card | Mortgage | Student loan | Population 2/ |
|------------------|----------|-----------|-------------|----------|--------------|---------------|
| 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 |
| U. S. average 3/ | | | | | | |
| 1999 | 22,860 | 1,830 | 2,370 | 15,870 | 530 | 213,710,272 |
| 2000 | 24,990 | 2,080 | 2,580 | 17,360 | 580 | 225,141,344 |
| 2001 | 25,830 | 2,340 | 2,720 | 17,670 | 720 | 235,396,400 |
| 2002 | 28,410 | 2,640 | 2,940 | 19,590 | 750 | 236,999,648 |
| 2003 | 33,430 | 2,960 | 2,960 | 23,740 | 1,060 | 238,403,344 |
| 2004 | 37,290 | 3,040 | 3,040 | 26,590 | 1,440 | 239,520,304 |
| 2005 | 40,650 | 3,240 | 3,060 | 29,230 | 1,610 | 243,048,144 |
| 2006 | 45,410 | 3,360 | 3,170 | 33,400 | 1,970 | 244,542,960 |
| 2007 | 50,170 | 3,360 | 3,490 | 37,250 | 2,250 | 243,167,856 |
| 2008 | 52,010 | 3,310 | 3,670 | 38,490 | 2,670 | 239,615,536 |
| 2009 | 49,820 | 3,030 | 3,370 | 36,810 | 3,010 | 239,480,736 |

Continued on next page.

Table 13.44-- HOUSEHOLD DEBT PER CAPITA FOR HAWAII AND THE UNITED STATES AVERAGE: 1999 TO 2020 -- Con.

| Year | Total 1/ | Auto loan | Credit card | Mortgage | Student loan | Population 2/ |
|-------------------------|----------|-----------|-------------|----------|--------------|---------------|
| U. S. average - Con. 3/ | | | | | | |
| 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 |

1/ Includes components not shown separately.

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

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

Source: Federal Reserve Bank of New York, "State Level Household Debt Statistics 1999-2016" (May 2017) accessed June 13, 2017; and Ibid, 2003-2020 (March 2021) <https://www.newyorkfed.org/medialibrary/Interactives/householdcredit/data/xls/area_report_by_year.xlsx> accessed June 18, 2021.

Table 13.45-- HOUSEHOLD DEBT DELINQUENCY PER CAPITA FOR HAWAII AND THE UNITED STATES AVERAGE: 1999 TO 2020

[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 |
| U. S. average 1/ | | | | |
| 1999 | 2.17 | 6.03 | 0.93 | (NA) |
| 2000 | 2.17 | 5.97 | 0.96 | (NA) |
| 2001 | 2.26 | 7.30 | 1.18 | (NA) |
| 2002 | 2.28 | 8.93 | 1.21 | (NA) |
| 2003 | 2.21 | 9.17 | 1.14 | (NA) |
| 2004 | 2.47 | 9.02 | 1.04 | (NA) |
| 2005 | 2.13 | 8.41 | 0.94 | (NA) |
| 2006 | 2.56 | 9.58 | 1.28 | (NA) |
| 2007 | 3.08 | 9.30 | 2.89 | (NA) |
| 2008 | 3.92 | 9.84 | 5.40 | (NA) |
| 2009 | 4.83 | 12.83 | 8.66 | (NA) |

Continued on next page.

Table 13.45-- HOUSEHOLD DEBT DELINQUENCY PER CAPITA FOR HAWAII AND THE UNITED STATES AVERAGE: 1999 TO 2020 -- Con.

| Year | Auto loan delinquency | Credit card delinquency | Mortgage delinquency | Student loan delinquency |
|-------------------------|-----------------------|-------------------------|----------------------|--------------------------|
| U. S. average - Con. 1/ | | | | |
| 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) |

NA Not available.

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

Source: Federal Reserve Bank of New York, "State Level Household Debt Statistics 1999-2016" (May 2017) accessed June 13, 2017; and Ibid. 2003-2020 (March 2021) <https://www.newyorkfed.org/medialibrary/Interactives/householdcredit/data/xls/area_report_by_year.xlsx> accessed June 18, 2021.

Table 13.46-- HOUSEHOLD DEBT PER CAPITA FOR EACH OF THE 50 STATES, THE DISTRICT OF COLUMBIA, PUERTO RICO, AND THE UNITED STATES AVERAGE: 2020

[For 2020 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/ | (X) | 52,500 | 4,960 | 2,970 | 36,170 | 5,580 |
| Dist. of Columbia | 1 | 90,220 | 3,280 | 3,680 | 67,370 | 13,600 |
| Colorado | 2 | 76,340 | 4,910 | 3,350 | 58,590 | 6,310 |
| Hawaii | 3 | 74,550 | 3,790 | 3,680 | 57,580 | 3,700 |
| California | 4 | 73,350 | 4,710 | 3,230 | 58,060 | 4,640 |
| Maryland | 5 | 72,670 | 5,510 | 3,600 | 53,100 | 6,910 |
| Washington | 6 | 69,630 | 4,450 | 3,140 | 54,130 | 4,410 |
| Massachusetts | 7 | 67,010 | 3,920 | 3,190 | 50,230 | 6,190 |
| Virginia | 8 | 66,530 | 4,990 | 3,500 | 48,830 | 6,190 |
| Utah | 9 | 65,360 | 5,480 | 2,780 | 49,530 | 4,270 |
| Alaska | 10 | 60,400 | 5,050 | 3,900 | 44,390 | 4,030 |
| Connecticut | 11 | 59,720 | 3,820 | 3,480 | 42,960 | 6,270 |
| New Jersey | 12 | 59,470 | 4,220 | 3,590 | 42,200 | 6,320 |
| Oregon | 13 | 58,310 | 4,070 | 2,750 | 42,990 | 5,890 |
| New Hampshire | 14 | 57,780 | 5,640 | 3,210 | 39,170 | 5,960 |
| Nevada | 15 | 57,130 | 5,450 | 3,220 | 41,590 | 4,490 |
| Delaware | 16 | 56,430 | 5,180 | 3,110 | 39,270 | 6,380 |
| Minnesota | 17 | 56,390 | 4,320 | 2,910 | 40,160 | 6,300 |
| Arizona | 18 | 56,250 | 5,480 | 3,030 | 40,000 | 5,410 |
| Idaho | 19 | 53,030 | 4,900 | 2,640 | 37,110 | 4,890 |
| Rhode Island | 20 | 51,880 | 4,030 | 3,040 | 36,030 | 5,500 |
| Georgia | 21 | 51,140 | 5,750 | 3,110 | 31,930 | 7,610 |
| New York | 22 | 51,030 | 3,820 | 3,410 | 34,660 | 6,160 |
| Florida | 23 | 49,100 | 5,580 | 3,340 | 31,980 | 5,140 |
| North Carolina | 24 | 48,480 | 5,360 | 2,810 | 31,620 | 5,550 |
| Montana | 25 | 48,380 | 4,580 | 2,740 | 33,350 | 4,720 |
| Illinois | 26 | 47,610 | 4,430 | 2,960 | 31,890 | 6,050 |
| Wyoming | 27 | 47,400 | 5,470 | 2,800 | 33,060 | 3,540 |
| South Carolina | 28 | 46,950 | 5,130 | 2,730 | 29,810 | 6,070 |
| Texas | 29 | 46,840 | 7,000 | 3,080 | 29,200 | 5,160 |
| Vermont | 30 | 46,690 | 5,390 | 2,750 | 29,700 | 6,190 |
| North Dakota | 31 | 45,710 | 5,670 | 2,970 | 29,740 | 4,590 |
| Maine | 32 | 44,840 | 4,890 | 2,610 | 28,650 | 5,540 |

Continued on next page.

Table 13.46-- HOUSEHOLD DEBT PER CAPITA FOR EACH OF THE 50 STATES, THE DISTRICT OF COLUMBIA, PUERTO RICO, AND THE UNITED STATES AVERAGE: 2020 -- Con.

| State | Rank 1/ | Total 2/ | Auto loan | Credit card | Mortgage | Student loan |
|---------------|---------|----------|-----------|-------------|----------|--------------|
| South Dakota | 33 | 44,210 | 4,780 | 2,640 | 28,140 | 5,260 |
| Tennessee | 34 | 44,080 | 4,950 | 2,460 | 28,210 | 5,210 |
| Pennsylvania | 35 | 43,690 | 4,380 | 2,890 | 26,740 | 6,520 |
| Wisconsin | 36 | 42,540 | 4,130 | 2,450 | 28,640 | 5,020 |
| Nebraska | 37 | 42,350 | 4,410 | 2,680 | 27,640 | 5,270 |
| New Mexico | 38 | 41,800 | 5,790 | 2,510 | 26,950 | 4,150 |
| Missouri | 39 | 41,470 | 4,560 | 2,500 | 26,400 | 5,480 |
| Iowa | 40 | 41,400 | 4,740 | 2,370 | 26,590 | 5,290 |
| Michigan | 41 | 41,110 | 4,150 | 2,520 | 25,960 | 6,030 |
| Louisiana | 42 | 40,820 | 6,150 | 2,430 | 23,570 | 5,780 |
| Indiana | 43 | 40,770 | 4,630 | 2,410 | 25,720 | 5,310 |
| Ohio | 44 | 39,960 | 4,710 | 2,570 | 23,690 | 6,400 |
| Kansas | 45 | 39,480 | 4,280 | 2,610 | 24,930 | 5,590 |
| Alabama | 46 | 39,140 | 5,330 | 2,330 | 23,060 | 5,280 |
| Kentucky | 47 | 36,270 | 4,270 | 2,230 | 21,740 | 5,170 |
| Arkansas | 48 | 35,180 | 5,760 | 2,300 | 20,010 | 4,650 |
| Oklahoma | 49 | 35,130 | 5,130 | 2,450 | 20,890 | 4,630 |
| Mississippi | 50 | 34,060 | 5,460 | 2,080 | 17,040 | 6,060 |
| West Virginia | 51 | 31,000 | 5,410 | 2,210 | 16,400 | 4,400 |
| Puerto Rico | (X) | (NA) | (X) | (NA) | (X) | (NA) |

NA Not available.

X Not applicable.

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

2/ Includes components not shown separately.

Source: Federal Reserve Bank of New York, "State Level Household Debt Statistics 2003-2020"

(March 2021) <https://www.newyorkfed.org/medialibrary/Interactives/householdcredit/data/xls/area_report_by_year.xlsx> accessed June 18, 2021; and calculations by Hawaii State Department of Business, Economic Development & Tourism.