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## Section 13

# INCOME, EXPENDITURES, AND WEALTH

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

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

**Table 13.01-- DIRECT INCOME FROM MAJOR EXPORT INDUSTRIES:  
1990 TO 2015**

[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 1/ | (NA)                      | (NA)                        | (NA)                    | 14,973.3                |
| 2015    | (NA)                      | (NA)                        | (NA)                    | 15,110.9                |

NA Not available.

1/ Excludes government sugar support payments.

2/ Fiscal year ending September 30.

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

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

Source: USDA, NASS, Hawaii Field Office, Statistics of Hawaii Agriculture (annual), records, and for 2008 to 2011 <[http://www.nass.usda.gov/Statistics\\_by\\_State/Hawaii/Publications/Annual\\_Statistical\\_Bulletin/index.asp](http://www.nass.usda.gov/Statistics_by_State/Hawaii/Publications/Annual_Statistical_Bulletin/index.asp)> accessed July 30, 2013; Hawaii State Department of Business, Economic Development & Tourism, Annual Visitor Research Report (annual) <<http://www.hawaiiourismauthority.org/>> accessed July 14, 2016 and records; Hawaii Tourism Authority, Tourism Research; and U.S. Census Bureau, Consolidated Federal Funds Report (annual) and for 1993-2010 <<http://www.census.gov/govs/cffr/>>

**Table 13.02-- GROSS DOMESTIC PRODUCT, TOTAL AND PER CAPITA  
AND RESIDENT POPULATION: 1963 TO 2015**

[Gross Domestic Product (NAICS) estimates for Real and and per capita Real estimates for 1997-2014 and current dollar and per capita current dollar 2007 to 2014 and population estimates for 2010 to 2013 revised from previous Data Book]

| Year and category | Gross domestic product      |                                     | Per capita gross domestic product |                         | Resident population 2/ |
|-------------------|-----------------------------|-------------------------------------|-----------------------------------|-------------------------|------------------------|
|                   | Millions of current dollars | Millions of chained 1997 dollars 1/ | Current dollars 2/                | Chained 1997 dollars 1/ |                        |
| SIC 3/            |                             |                                     |                                   |                         |                        |
| 1963              | 2,367                       | (NA)                                | 3,471                             | (NA)                    | 682,000                |
| 1964              | 2,571                       | (NA)                                | 3,673                             | (NA)                    | 700,000                |
| 1965              | 2,849                       | (NA)                                | 4,047                             | (NA)                    | 704,000                |
| 1966              | 3,110                       | (NA)                                | 4,380                             | (NA)                    | 710,000                |
| 1967              | 3,307                       | (NA)                                | 4,574                             | (NA)                    | 723,000                |
| 1968              | 3,722                       | (NA)                                | 5,071                             | (NA)                    | 734,000                |
| 1969              | 4,262                       | (NA)                                | 5,736                             | (NA)                    | 743,000                |
| 1970              | 4,813                       | (NA)                                | 6,309                             | (NA)                    | 762,920                |
| 1971              | 5,188                       | (NA)                                | 6,554                             | (NA)                    | 791,580                |
| 1972              | 5,624                       | (NA)                                | 6,874                             | (NA)                    | 818,104                |
| 1973              | 6,353                       | (NA)                                | 7,546                             | (NA)                    | 841,851                |
| 1974              | 7,143                       | (NA)                                | 8,324                             | (NA)                    | 858,121                |
| 1975              | 8,173                       | (NA)                                | 9,340                             | (NA)                    | 875,052                |
| 1976              | 8,526                       | (NA)                                | 9,555                             | (NA)                    | 892,335                |
| 1977              | 9,441                       | (NA)                                | 10,310                            | (NA)                    | 915,749                |
| 1978              | 10,508                      | (NA)                                | 11,313                            | (NA)                    | 928,816                |
| 1979              | 11,869                      | (NA)                                | 12,493                            | (NA)                    | 950,050                |
| 1980              | 13,380                      | (NA)                                | 13,826                            | (NA)                    | 967,710                |
| 1981              | 14,640                      | (NA)                                | 14,966                            | (NA)                    | 978,195                |
| 1982              | 15,740                      | (NA)                                | 15,839                            | (NA)                    | 993,780                |
| 1983              | 17,260                      | (NA)                                | 17,043                            | (NA)                    | 1,012,717              |
| 1984              | 19,132                      | (NA)                                | 18,612                            | (NA)                    | 1,027,922              |
| 1985              | 20,722                      | (NA)                                | 19,931                            | (NA)                    | 1,039,698              |
| 1986              | 22,437                      | (NA)                                | 21,333                            | (NA)                    | 1,051,762              |
| 1987              | 24,273                      | 32,376                              | 22,729                            | 30,317                  | 1,067,917              |
| 1988              | 26,799                      | 34,587                              | 24,818                            | 32,030                  | 1,079,827              |
| 1989              | 29,427                      | 36,643                              | 26,884                            | 33,477                  | 1,094,588              |
| 1990              | 32,534                      | 39,176                              | 29,218                            | 35,183                  | 1,113,491              |
| 1991              | 34,357                      | 39,756                              | 30,224                            | 34,973                  | 1,136,754              |
| 1992              | 36,129                      | 40,834                              | 31,183                            | 35,244                  | 1,158,613              |
| 1993              | 36,732                      | 40,152                              | 31,319                            | 34,235                  | 1,172,838              |
| 1994              | 37,395                      | 40,062                              | 31,490                            | 33,735                  | 1,187,536              |
| 1995              | 37,763                      | 39,552                              | 31,552                            | 33,047                  | 1,196,854              |
| 1996              | 38,125                      | 39,132                              | 31,672                            | 32,508                  | 1,203,755              |
| 1997              | 39,064                      | 39,064                              | 32,241                            | 32,241                  | 1,211,640              |

Continued on next page.

**Table 13.02-- GROSS DOMESTIC PRODUCT, TOTAL AND PER CAPITA  
AND RESIDENT POPULATION: 1963 TO 2015 -- Con.**

| Year and category | Gross domestic product      |                                     | Per capita gross domestic product |                         | Resident population 2/ |
|-------------------|-----------------------------|-------------------------------------|-----------------------------------|-------------------------|------------------------|
|                   | Millions of current dollars | Millions of chained 2009 dollars 1/ | Current dollars 2/                | Chained 2009 dollars 1/ |                        |
| NAICS 3/          |                             |                                     |                                   |                         |                        |
| 1997              | 37,915                      | 53,507                              | 31,292                            | 44,161                  | 1,211,640              |
| 1998              | 37,627                      | 51,823                              | 30,963                            | 42,644                  | 1,215,233              |
| 1999              | 39,177                      | 52,515                              | 32,370                            | 43,390                  | 1,210,300              |
| 2000              | 41,247                      | 53,476                              | 33,990                            | 44,067                  | 1,213,519              |
| 2001              | 42,789                      | 53,371                              | 34,903                            | 43,535                  | 1,225,948              |
| 2002              | 45,185                      | 54,945                              | 36,451                            | 44,324                  | 1,239,613              |
| 2003              | 48,559                      | 57,461                              | 38,811                            | 45,926                  | 1,251,154              |
| 2004              | 53,306                      | 61,128                              | 41,856                            | 47,997                  | 1,273,569              |
| 2005              | 58,123                      | 64,365                              | 44,961                            | 49,790                  | 1,292,729              |
| 2006              | 61,684                      | 65,956                              | 47,097                            | 50,358                  | 1,309,731              |
| 2007              | 64,775                      | 67,012                              | 49,233                            | 50,933                  | 1,315,675              |
| 2008              | 66,304                      | 67,364                              | 49,770                            | 50,565                  | 1,332,213              |
| 2009              | 64,986                      | 64,986                              | 48,255                            | 48,255                  | 1,346,717              |
| 2010              | 67,539                      | 66,745                              | 49,517                            | 48,935                  | 1,363,950              |
| 2011              | 69,689                      | 67,686                              | 50,563                            | 49,110                  | 1,378,251              |
| 2012              | 72,100                      | 68,546                              | 51,767                            | 49,216                  | 1,392,766              |
| 2013              | 74,012                      | 69,089                              | 52,529                            | 49,035                  | 1,408,987              |
| 2014              | 76,425                      | 69,662                              | 53,837                            | 49,073                  | 1,419,561              |
| 2015              | 79,745                      | 70,845                              | 55,695                            | 49,479                  | 1,431,806              |

NA Not available.

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

2/ U.S. Census Bureau midyear population estimate. Estimates for 2010-2014 reflect Census Bureau midyear state population estimates available as of December 2014. Estimates for 2015 are derived from the quarterly state population estimates produced by BEA based on unpublished Census Bureau data. These were used to calculate the current dollar per capita GDP.

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

Source: U.S. Bureau of Economic Analysis, Gross Domestic Product by State (June 14, 2016) <[http://www.bea.gov/iTable/index\\_regional.cfm](http://www.bea.gov/iTable/index_regional.cfm)> accessed June 14, 2016; Ibid. Annual State Personal Income and Employment, "SA1-3 Personal income summary, Population 1929-2015" (March 24, 2016) <[http://www.bea.gov/iTable/index\\_regional.cfm](http://www.bea.gov/iTable/index_regional.cfm)> accessed June 14, 2016; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

**Table 13.03-- GROSS DOMESTIC PRODUCT, HAWAII AND UNITED STATES:  
1963 TO 2015**

[NAICS 1997 to 2015 based on the 2007 North American Industry Classification System (NAICS).  
NAICS 1997 to 2014 Real \$2009 and Quantity Index; and 2007 to 2014 Current were revised  
from previous Data Book]

| Year<br>and<br>category | Hawaii              |   |   | United States       |   |   |
|-------------------------|---------------------|---|---|---------------------|---|---|
|                         | Millions of dollars |   | Chained<br>quantity<br>index<br>(1997=100) 1/ | Millions of dollars |   | Chained<br>quantity<br>index<br>(1997=100) 1/ |
|                         | Current             | Real<br>(chained<br>1997<br>dollars) 1/ |   | Current             | Real<br>(chained<br>1997<br>dollars) 1/ |   |
| SIC 2/                  |                     |   |   |                     |   |   |
| 1963                    | 2,367               | (NA)                                    | (NA)  | 607,008             | (NA)                                    | (NA)  |
| 1964                    | 2,571               | (NA)                                    | (NA)  | 650,513             | (NA)                                    | (NA)  |
| 1965                    | 2,849               | (NA)                                    | (NA)  | 704,697             | (NA)                                    | (NA)  |
| 1966                    | 3,110               | (NA)                                    | (NA)  | 767,075             | (NA)                                    | (NA)  |
| 1967                    | 3,307               | (NA)                                    | (NA)  | 811,782             | (NA)                                    | (NA)  |
| 1968                    | 3,722               | (NA)                                    | (NA)  | 887,569             | (NA)                                    | (NA)  |
| 1969                    | 4,262               | (NA)                                    | (NA)  | 962,902             | (NA)                                    | (NA)  |
| 1970                    | 4,813               | (NA)                                    | (NA)  | 1,012,299           | (NA)                                    | (NA)  |
| 1971                    | 5,188               | (NA)                                    | (NA)  | 1,097,173           | (NA)                                    | (NA)  |
| 1972                    | 5,624               | (NA)                                    | (NA)  | 1,210,292           | (NA)                                    | (NA)  |
| 1973                    | 6,353               | (NA)                                    | (NA)  | 1,356,500           | (NA)                                    | (NA)  |
| 1974                    | 7,143               | (NA)                                    | (NA)  | 1,472,024           | (NA)                                    | (NA)  |
| 1975                    | 8,173               | (NA)                                    | (NA)  | 1,602,228           | (NA)                                    | (NA)  |
| 1976                    | 8,526               | (NA)                                    | (NA)  | 1,780,497           | (NA)                                    | (NA)  |
| 1977                    | 9,441               | (NA)                                    | 60.618  | 1,986,408           | (NA)                                    | 54.609  |
| 1978                    | 10,508              | (NA)                                    | 62.986  | 2,243,230           | (NA)                                    | 57.526  |
| 1979                    | 11,869              | (NA)                                    | 66.170  | 2,489,416           | (NA)                                    | 59.258  |
| 1980                    | 13,380              | (NA)                                    | 68.503  | 2,713,933           | (NA)                                    | 59.254  |
| 1981                    | 14,640              | (NA)                                    | 68.231  | 3,057,318           | (NA)                                    | 60.863  |
| 1982                    | 15,740              | (NA)                                    | 68.777  | 3,211,370           | (NA)                                    | 60.081  |
| 1983                    | 17,260              | (NA)                                    | 71.502  | 3,445,372           | (NA)                                    | 61.804  |
| 1984                    | 19,132              | (NA)                                    | 74.183  | 3,853,668           | (NA)                                    | 66.212  |
| 1985                    | 20,722              | (NA)                                    | 76.728  | 4,126,664           | (NA)                                    | 68.854  |
| 1986                    | 22,437              | (NA)                                    | 79.329  | 4,340,813           | (NA)                                    | 70.335  |
| 1987                    | 24,273              | 32,376                                  | 82.879  | 4,649,020           | 6,076,695                               | 73.351  |
| 1988                    | 26,799              | 34,587                                  | 88.539  | 5,053,003           | 6,398,624                               | 77.237  |
| 1989                    | 29,427              | 36,643                                  | 93.802  | 5,366,080           | 6,540,047                               | 78.944  |
| 1990                    | 32,534              | 39,176                                  | 100.286                                       | 5,651,747           | 6,638,210                               | 80.129  |
| 1991                    | 34,357              | 39,756                                  | 101.770                                       | 5,842,665           | 6,627,809                               | 80.003  |
| 1992                    | 36,129              | 40,834                                  | 104.532                                       | 6,167,644           | 6,828,525                               | 82.426  |
| 1993                    | 36,732              | 40,152                                  | 102.786                                       | 6,467,698           | 6,967,716                               | 84.106  |
| 1994                    | 37,395              | 40,062                                  | 102.554                                       | 6,912,844           | 7,288,327                               | 87.976  |
| 1995                    | 37,763              | 39,552                                  | 101.249                                       | 7,299,372           | 7,539,096                               | 91.003  |
| 1996                    | 38,125              | 39,132                                  | 100.175                                       | 7,749,965           | 7,871,721                               | 95.018  |
| 1997                    | 39,064              | 39,064                                  | 100.000                                       | 8,284,432           | 8,284,432                               | 100.000                                       |

Continued on next page.

**Table 13.03-- GROSS DOMESTIC PRODUCT, HAWAII AND UNITED STATES:  
1963 TO 2015 -- Con.**

| Year and category | Hawaii              |                                |                                      | United States       |                                |                                      |
|-------------------|---------------------|--------------------------------|--------------------------------------|---------------------|--------------------------------|--------------------------------------|
|                   | Millions of dollars |                                | Chained quantity index (2009=100) 1/ | Millions of dollars |                                | Chained quantity index (2009=100) 1/ |
|                   | Current             | Real (chained 2009 dollars) 1/ |                                      | Current             | Real (chained 2009 dollars) 1/ |                                      |
| NAICS 2/          |                     |                                |                                      |                     |                                |                                      |
| 1997              | 37,915              | 53,507                         | 82.337                               | 8,549,209           | 11,128,850                     | 77.715                               |
| 1998              | 37,627              | 51,823                         | 79.745                               | 9,030,651           | 11,607,610                     | 81.058                               |
| 1999              | 39,177              | 52,515                         | 80.811                               | 9,602,088           | 12,150,912                     | 84.852                               |
| 2000              | 41,247              | 53,476                         | 82.290                               | 10,225,879          | 12,625,319                     | 88.165                               |
| 2001              | 42,789              | 53,371                         | 82.128                               | 10,562,041          | 12,743,616                     | 88.991                               |
| 2002              | 45,185              | 54,945                         | 84.549                               | 10,916,911          | 12,970,942                     | 90.578                               |
| 2003              | 48,559              | 57,461                         | 88.421                               | 11,446,549          | 13,303,902                     | 92.904                               |
| 2004              | 53,306              | 61,128                         | 94.064                               | 12,206,995          | 13,772,782                     | 96.178                               |
| 2005              | 58,123              | 64,365                         | 99.046                               | 13,022,458          | 14,211,385                     | 99.241                               |
| 2006              | 61,684              | 65,956                         | 101.493                              | 13,781,347          | 14,593,536                     | 101.909                              |
| 2007              | 64,775              | 67,012                         | 103.118                              | 14,391,149          | 14,798,367                     | 103.340                              |
| 2008              | 66,304              | 67,364                         | 103.659                              | 14,626,598          | 14,718,301                     | 102.781                              |
| 2009              | 64,986              | 64,986                         | 100.000                              | 14,320,114          | 14,320,114                     | 100.000                              |
| 2010              | 67,539              | 66,745                         | 102.707                              | 14,859,772          | 14,628,165                     | 102.151                              |
| 2011              | 69,689              | 67,686                         | 104.156                              | 15,406,002          | 14,833,679                     | 103.586                              |
| 2012              | 72,100              | 68,546                         | 105.479                              | 16,041,240          | 15,126,279                     | 105.630                              |
| 2013              | 74,012              | 69,089                         | 106.315                              | 16,548,794          | 15,317,174                     | 106.963                              |
| 2014              | 76,425              | 69,662                         | 107.196                              | 17,233,139          | 15,653,000                     | 109.308                              |
| 2015              | 79,745              | 70,845                         | 109.016                              | 17,830,307          | 16,023,115                     | 111.892                              |

NA Not available.

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

2/ There is a discontinuity in the GDP time series at 1997, where the data change from Standard Industrial Classification (SIC) industry definitions to North American Industry Classification System (NAICS) industry definitions. This discontinuity results from many sources, including differences in source data and different estimation methodologies. This data discontinuity may affect both the levels and the growth rates of the GDP estimates. Users of the GDP estimates are strongly cautioned against appending the two data series in an attempt to construct a single time series of GDP estimates for 1963 to 2014.

Source: U.S. Bureau of Economic Analysis, Gross Domestic Product by State (June 14, 2016) <[http://www.bea.gov/iTable/index\\_regional.cfm](http://www.bea.gov/iTable/index_regional.cfm)> accessed June 14, 2016; and calculations by Hawaii State Department of Business, Economic Development & Tourism.



**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 2008-2014 estimates on June 16, 2016 but the current dollar estimates shown here were not affected. Formerly called 'Gross State Product']

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

1/ Less than \$500,000.

Source: U.S. Bureau of Economic Analysis, Gross Domestic Product By Industry 1963 to 2015

<<http://www.bea.gov/iTable/iTable.cfm?ReqID=70&step=1>> accessed June 14, 2016.

**Table 13.05-- GROSS DOMESTIC PRODUCT, BY NAICS INDUSTRY: 1997 TO 2015**

[In millions of current dollars. GDP estimates are on the 2007 North American Industry Classification System (NAICS) basis. Estimates for 1963 to 1997 are presented on the basis of the Standard Industrial Classification (SIC). See previous table for 1977 to 1997. 2007 to 2014 are revised from previous *Data Book*]

| Industry                            | 1997   | 1998   | 1999   | 2000   | 2001   | 2002   | 2003   | 2004   | 2005   | 2006   | 2007   | 2008   | 2009   | 2010   | 2011   | 2012   | 2013   | 2014   | 2015   |
|-------------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Total, all industries               | 37,915 | 37,627 | 39,177 | 41,247 | 42,789 | 45,185 | 48,559 | 53,306 | 58,123 | 61,684 | 64,775 | 66,304 | 64,986 | 67,539 | 69,689 | 72,100 | 74,012 | 76,425 | 79,745 |
| Private industries                  | 29,948 | 29,444 | 30,544 | 32,455 | 33,693 | 35,322 | 37,897 | 41,798 | 45,877 | 48,695 | 51,293 | 52,070 | 50,286 | 52,204 | 53,680 | 55,737 | 57,695 | 59,571 | 62,520 |
| Agri., forestry, fishing, & hunting | 348    | 342    | 366    | 366    | 356    | 377    | 414    | 420    | 428    | 449    | 411    | 402    | 385    | 414    | 443    | 424    | 442    | 440    | 436    |
| Mining                              | 35     | 35     | 39     | 40     | 38     | 34     | 38     | 40     | 42     | 64     | 94     | 98     | 109    | 89     | 74     | 82     | 80     | 85     | 85     |
| Utilities                           | 863    | 790    | 862    | 912    | 898    | 833    | 911    | 1,031  | 1,053  | 1,251  | 1,291  | 1,450  | 1,418  | 1,652  | 1,895  | 1,612  | 1,665  | 1,690  | 1,719  |
| Construction                        | 1,680  | 1,655  | 1,690  | 1,942  | 2,056  | 2,267  | 2,652  | 3,079  | 3,900  | 4,256  | 4,733  | 4,529  | 4,057  | 3,751  | 3,726  | 3,839  | 4,048  | 4,237  | 4,803  |
| Manufacturing                       | 762    | 731    | 806    | 833    | 931    | 984    | 1,116  | 1,109  | 1,166  | 1,207  | 1,233  | 1,318  | 1,287  | 1,247  | 1,322  | 1,360  | 1,436  | 1,410  | 1,446  |
| Wholesale trade                     | 1,445  | 1,441  | 1,443  | 1,510  | 1,543  | 1,587  | 1,695  | 1,824  | 1,932  | 1,981  | 2,095  | 2,167  | 2,037  | 2,096  | 2,184  | 2,281  | 2,369  | 2,419  | 2,480  |
| Retail trade                        | 3,315  | 3,232  | 3,219  | 3,389  | 3,474  | 3,539  | 3,830  | 4,060  | 4,393  | 4,573  | 4,613  | 4,522  | 4,370  | 4,527  | 4,764  | 5,023  | 5,070  | 5,130  | 5,300  |
| Trans. & warehousing                | 2,114  | 1,983  | 1,967  | 1,940  | 1,797  | 1,765  | 1,920  | 2,221  | 2,567  | 2,847  | 2,853  | 2,618  | 2,521  | 2,831  | 2,849  | 3,043  | 3,289  | 3,355  | 3,519  |
| Information                         | 1,231  | 1,184  | 1,208  | 1,200  | 1,252  | 1,293  | 1,283  | 1,514  | 1,575  | 1,699  | 1,796  | 1,770  | 1,687  | 1,987  | 1,674  | 1,675  | 1,824  | 1,797  | 1,835  |
| Finance and insurance               | 1,231  | 1,242  | 1,306  | 1,469  | 1,616  | 1,890  | 1,951  | 2,103  | 2,227  | 2,230  | 2,268  | 2,166  | 2,050  | 2,049  | 2,210  | 2,337  | 2,364  | 2,555  | 2,697  |
| Real estate, rental, & leasing      | 6,491  | 6,513  | 6,938  | 7,257  | 7,624  | 7,798  | 8,314  | 9,403  | 10,781 | 11,417 | 12,353 | 13,010 | 12,897 | 13,658 | 13,660 | 14,241 | 14,438 | 14,987 | 15,667 |
| Prof., scientific & tech. services  | 1,634  | 1,505  | 1,540  | 1,644  | 1,837  | 2,050  | 2,195  | 2,329  | 2,502  | 2,671  | 2,819  | 3,065  | 2,950  | 2,922  | 3,063  | 3,082  | 3,069  | 3,115  | 3,187  |
| Mgt of companies & enterprises      | 395    | 426    | 412    | 427    | 501    | 593    | 634    | 834    | 761    | 772    | 801    | 783    | 729    | 765    | 811    | 902    | 1,002  | 1,014  | 1,077  |
| Administrative & waste services     | 1,003  | 993    | 1,054  | 1,160  | 1,268  | 1,393  | 1,565  | 1,668  | 1,710  | 1,862  | 2,004  | 2,071  | 2,020  | 2,149  | 2,297  | 2,428  | 2,531  | 2,691  | 2,856  |
| Educational services                | 382    | 374    | 383    | 413    | 422    | 435    | 486    | 534    | 556    | 593    | 627    | 683    | 734    | 749    | 759    | 794    | 777    | 781    | 787    |
| Health care & social assistance     | 2,331  | 2,261  | 2,327  | 2,461  | 2,649  | 2,787  | 2,974  | 3,159  | 3,382  | 3,512  | 3,699  | 4,017  | 4,210  | 4,275  | 4,432  | 4,558  | 4,743  | 4,898  | 5,216  |
| Arts, entertainment, & recreation   | 462    | 447    | 458    | 482    | 452    | 472    | 502    | 539    | 580    | 603    | 646    | 668    | 644    | 627    | 616    | 676    | 747    | 781    | 813    |
| Accommodation & food services       | 3,112  | 3,145  | 3,373  | 3,806  | 3,806  | 3,980  | 4,143  | 4,588  | 4,884  | 5,172  | 5,387  | 5,138  | 4,623  | 4,829  | 5,281  | 5,732  | 6,122  | 6,433  | 6,764  |
| Accommodation                       | 2,107  | 2,108  | 2,255  | 2,518  | 2,463  | 2,539  | 2,645  | 2,993  | 3,208  | 3,415  | 3,600  | 3,385  | 2,889  | 3,039  | 3,406  | 3,735  | 4,025  | 4,241  | (NA)   |
| Food serv. & drinking plcs          | 1,005  | 1,037  | 1,117  | 1,289  | 1,343  | 1,441  | 1,498  | 1,596  | 1,677  | 1,758  | 1,787  | 1,753  | 1,733  | 1,791  | 1,875  | 1,997  | 2,097  | 2,191  | (NA)   |
| Other services, exc. gov't          | 1,114  | 1,143  | 1,155  | 1,204  | 1,170  | 1,244  | 1,273  | 1,344  | 1,439  | 1,536  | 1,570  | 1,593  | 1,557  | 1,586  | 1,623  | 1,649  | 1,678  | 1,753  | 1,831  |
| Government                          | 7,966  | 8,183  | 8,632  | 8,792  | 9,096  | 9,863  | 10,662 | 11,508 | 12,246 | 12,990 | 13,482 | 14,235 | 14,700 | 15,334 | 16,009 | 16,363 | 16,316 | 16,853 | 17,226 |
| Federal civilian                    | 1,914  | 2,030  | 2,093  | 2,252  | 2,303  | 2,521  | 2,727  | 2,821  | 2,948  | 3,066  | 3,233  | 3,290  | 3,495  | 3,816  | 4,054  | 4,160  | 4,021  | 4,128  | (NA)   |
| Federal military                    | 2,427  | 2,434  | 2,446  | 2,534  | 2,735  | 3,004  | 3,350  | 3,700  | 4,059  | 4,388  | 4,484  | 4,848  | 5,004  | 5,211  | 5,368  | 5,445  | 5,302  | 5,332  | (NA)   |
| State & local                       | 3,625  | 3,719  | 4,094  | 4,005  | 4,058  | 4,339  | 4,585  | 4,987  | 5,239  | 5,536  | 5,766  | 6,096  | 6,201  | 6,308  | 6,587  | 6,758  | 6,993  | 7,393  | (NA)   |

NA Not available.

Source: U.S. Bureau of Economic Analysis, Gross Domestic Product By State 1963 to 2015 <<http://www.bea.gov/regional/index.htm>> accessed June 14, 2016.

**Table 13.06-- GROSS DOMESTIC PRODUCT, BY NAICS INDUSTRY IN CONSTANT DOLLARS: 1997 TO 2015**

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

| Industry                              | 1997   | 1998   | 1999   | 2000   | 2001   | 2002   | 2003   | 2004   | 2005   | 2006   | 2007   | 2008   | 2009   | 2010   | 2011   | 2012   | 2013   | 2014   | 2015   |
|---------------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Total, all industries                 | 53,507 | 51,823 | 52,515 | 53,476 | 53,371 | 54,945 | 57,461 | 61,128 | 64,365 | 65,956 | 67,012 | 67,364 | 64,986 | 66,745 | 67,686 | 68,546 | 69,089 | 69,662 | 70,845 |
| Private industries                    | 40,934 | 39,295 | 39,799 | 40,958 | 40,890 | 42,037 | 44,236 | 47,474 | 50,504 | 51,844 | 52,944 | 52,939 | 50,286 | 51,848 | 52,420 | 53,153 | 53,968 | 54,374 | 55,561 |
| Agri., forestry, fishing, & hunting   | 291    | 300    | 365    | 397    | 358    | 413    | 407    | 353    | 422    | 465    | 325    | 313    | 385    | 361    | 298    | 278    | 283    | 301    | 356    |
| Mining                                | 82     | 88     | 100    | 104    | 100    | 83     | 89     | 78     | 66     | 86     | 116    | 106    | 109    | 81     | 61     | 68     | 71     | 77     | 78     |
| Utilities                             | 1,338  | 1,227  | 1,427  | 1,539  | 1,257  | 1,215  | 1,242  | 1,359  | 1,311  | 1,436  | 1,468  | 1,646  | 1,418  | 1,698  | 1,935  | 1,698  | 1,698  | 1,594  | 1,497  |
| Construction                          | 3,386  | 3,112  | 2,993  | 3,229  | 3,183  | 3,350  | 3,745  | 4,037  | 4,607  | 4,593  | 4,800  | 4,593  | 4,057  | 3,821  | 3,740  | 3,744  | 3,814  | 3,762  | 4,148  |
| Manufacturing                         | 1,042  | 993    | 1,054  | 1,049  | 1,143  | 1,259  | 1,361  | 1,302  | 1,212  | 1,198  | 1,200  | 1,283  | 1,287  | 1,168  | 1,098  | 1,071  | 1,167  | 1,139  | 1,204  |
| Wholesale trade                       | 1,690  | 1,713  | 1,718  | 1,790  | 1,884  | 1,947  | 2,101  | 2,193  | 2,263  | 2,242  | 2,323  | 2,329  | 2,037  | 2,047  | 2,084  | 2,111  | 2,173  | 2,201  | 2,245  |
| Retail trade                          | 3,786  | 3,737  | 3,696  | 3,814  | 3,918  | 4,003  | 4,357  | 4,530  | 4,788  | 4,843  | 4,752  | 4,576  | 4,370  | 4,492  | 4,635  | 4,759  | 4,757  | 4,751  | 4,832  |
| Trans. & warehousing                  | 2,914  | 2,592  | 2,444  | 2,206  | 1,784  | 1,683  | 1,826  | 2,201  | 2,619  | 2,889  | 2,946  | 2,645  | 2,521  | 2,731  | 2,692  | 2,732  | 2,873  | 2,788  | 2,676  |
| Information                           | 1,115  | 1,073  | 1,099  | 1,105  | 1,153  | 1,194  | 1,186  | 1,411  | 1,505  | 1,653  | 1,774  | 1,770  | 1,687  | 1,998  | 1,690  | 1,689  | 1,824  | 1,796  | 1,858  |
| Finance and insurance                 | 1,279  | 1,296  | 1,397  | 1,543  | 1,698  | 1,949  | 1,947  | 2,042  | 2,121  | 2,096  | 2,108  | 2,024  | 2,050  | 1,981  | 2,095  | 2,128  | 2,085  | 2,190  | 2,257  |
| Real estate, rental, & leasing        | 8,774  | 8,584  | 8,883  | 8,995  | 9,132  | 9,019  | 9,397  | 10,410 | 11,681 | 12,042 | 12,766 | 13,237 | 12,897 | 13,738 | 13,624 | 13,927 | 13,813 | 14,012 | 14,236 |
| Prof, scientific & technical services | 2,324  | 2,063  | 2,023  | 2,068  | 2,247  | 2,468  | 2,581  | 2,663  | 2,753  | 2,839  | 2,888  | 3,101  | 2,950  | 2,885  | 2,980  | 2,948  | 2,887  | 2,882  | 2,905  |
| Mgt of companies & enterprises        | 779    | 780    | 710    | 673    | 806    | 936    | 975    | 1,106  | 958    | 902    | 838    | 808    | 729    | 759    | 801    | 885    | 976    | 1,007  | 1,053  |
| Administrative & waste services       | 1,297  | 1,238  | 1,273  | 1,351  | 1,436  | 1,553  | 1,753  | 1,814  | 1,847  | 1,960  | 2,046  | 2,091  | 2,020  | 2,166  | 2,307  | 2,414  | 2,477  | 2,579  | 2,665  |
| Educational services                  | 633    | 589    | 575    | 597    | 593    | 577    | 625    | 657    | 658    | 669    | 677    | 712    | 734    | 729    | 718    | 727    | 691    | 678    | 657    |
| Health care & social assistance       | 3,382  | 3,182  | 3,181  | 3,257  | 3,341  | 3,411  | 3,533  | 3,651  | 3,798  | 3,857  | 3,903  | 4,160  | 4,210  | 4,180  | 4,278  | 4,327  | 4,457  | 4,554  | 4,768  |
| Arts, entertainment, & recreation     | 665    | 623    | 608    | 613    | 558    | 568    | 587    | 619    | 649    | 654    | 674    | 686    | 644    | 632    | 620    | 660    | 717    | 736    | 743    |
| Accommodation & food services         | 4,593  | 4,446  | 4,570  | 5,011  | 4,778  | 4,875  | 5,049  | 5,485  | 5,553  | 5,661  | 5,629  | 5,217  | 4,623  | 4,851  | 5,272  | 5,519  | 5,742  | 5,837  | 5,886  |
| Accommodation                         | 3,004  | 2,878  | 2,942  | 3,188  | 2,961  | 3,019  | 3,142  | 3,491  | 3,526  | 3,607  | 3,615  | 3,319  | 2,889  | 3,066  | 3,387  | 3,596  | 3,783  | 3,832  | (NA)   |
| Food services & drinking places       | 1,574  | 1,556  | 1,618  | 1,816  | 1,820  | 1,859  | 1,909  | 1,991  | 2,025  | 2,051  | 2,008  | 1,895  | 1,733  | 1,785  | 1,884  | 1,923  | 1,959  | 2,004  | (NA)   |
| Other services, exc. government       | 1,819  | 1,801  | 1,747  | 1,736  | 1,596  | 1,624  | 1,616  | 1,654  | 1,702  | 1,745  | 1,714  | 1,673  | 1,557  | 1,546  | 1,546  | 1,529  | 1,514  | 1,542  | 1,556  |
| Government                            | 12,631 | 12,640 | 12,833 | 12,578 | 12,539 | 12,974 | 13,271 | 13,679 | 13,868 | 14,116 | 14,067 | 14,426 | 14,700 | 14,899 | 15,264 | 15,393 | 15,126 | 15,292 | 15,289 |
| Federal civilian                      | 2,947  | 3,059  | 3,042  | 3,132  | 3,130  | 3,233  | 3,324  | 3,278  | 3,283  | 3,313  | 3,368  | 3,352  | 3,495  | 3,677  | 3,816  | 3,906  | 3,693  | 3,703  | (NA)   |
| Federal military                      | 3,911  | 3,849  | 3,740  | 3,747  | 3,913  | 4,043  | 4,137  | 4,394  | 4,511  | 4,646  | 4,554  | 4,798  | 5,004  | 5,077  | 5,148  | 5,139  | 5,025  | 4,976  | (NA)   |
| State & local                         | 5,776  | 5,732  | 6,047  | 5,693  | 5,499  | 5,702  | 5,812  | 6,013  | 6,080  | 6,162  | 6,152  | 6,278  | 6,201  | 6,144  | 6,299  | 6,346  | 6,405  | 6,606  | (NA)   |

NA Not available.

Source: U.S. Bureau of Economic Analysis, Gross Domestic Product By State 1963 to 2015 <<http://www.bea.gov/regional/index.htm>> accessed June 14, 2016.

**Table 13.07-- TOTAL AND PER CAPITA PERSONAL INCOME  
FOR THE UNITED STATES AND HAWAII: 1969 TO 2015**

[Personal income and per capita personal income revised for 1976 to 2014 and population revised for 2010 to 2013 from previous *Data Book*. 2015 data are preliminary]

| Year | Personal income<br>(millions of dollars) |        | Resident<br>population 1/ |           | Per capita<br>personal income 2/ |        |   |
|------|--|--------|---------------------------|-----------|----------------------------------|--------|---|
|      | U.S.                                     | Hawaii | U.S.                      | Hawaii    | Dollars                          |        | Hawaii<br>as<br>percent<br>of U.S.<br>average |
|      |  |        |                           |           | U.S.                             | Hawaii |   |
| 1969 | 791,150                                  | 3,647  | 201,298,000               | 743,000   | 3,930                            | 4,908  | 124.9   |
| 1970 | 855,078                                  | 4,229  | 203,798,722               | 762,920   | 4,196                            | 5,544  | 132.1   |
| 1971 | 923,964                                  | 4,589  | 206,817,509               | 791,580   | 4,468                            | 5,798  | 129.8   |
| 1972 | 1,015,526                                | 5,054  | 209,274,882               | 818,104   | 4,853                            | 6,177  | 127.3   |
| 1973 | 1,131,213                                | 5,594  | 211,349,205               | 841,851   | 5,352                            | 6,645  | 124.2   |
| 1974 | 1,242,433                                | 6,365  | 213,333,635               | 858,121   | 5,824                            | 7,418  | 127.4   |
| 1975 | 1,359,998                                | 6,936  | 215,456,585               | 875,052   | 6,312                            | 7,926  | 125.6   |
| 1976 | 1,491,506                                | 7,463  | 217,553,859               | 892,335   | 6,856                            | 8,364  | 122.0   |
| 1977 | 1,646,968                                | 8,075  | 219,760,875               | 915,749   | 7,494                            | 8,818  | 117.7   |
| 1978 | 1,851,867                                | 8,963  | 222,098,244               | 928,816   | 8,338                            | 9,650  | 115.7   |
| 1979 | 2,068,806                                | 10,051 | 224,568,579               | 950,050   | 9,212                            | 10,579 | 114.8   |
| 1980 | 2,307,005                                | 11,461 | 227,224,719               | 967,710   | 10,153                           | 11,843 | 116.6   |
| 1981 | 2,584,340                                | 12,391 | 229,465,744               | 978,195   | 11,262                           | 12,667 | 112.5   |
| 1982 | 2,767,657                                | 13,077 | 231,664,432               | 993,780   | 11,947                           | 13,159 | 110.1   |
| 1983 | 2,957,901                                | 14,420 | 233,792,014               | 1,012,717 | 12,652                           | 14,239 | 112.5   |
| 1984 | 3,268,535                                | 15,454 | 235,824,907               | 1,027,922 | 13,860                           | 15,034 | 108.5   |
| 1985 | 3,501,927                                | 16,453 | 237,923,734               | 1,039,698 | 14,719                           | 15,825 | 107.5   |
| 1986 | 3,712,243                                | 17,468 | 240,132,831               | 1,051,762 | 15,459                           | 16,608 | 107.4   |
| 1987 | 3,940,859                                | 18,623 | 242,288,936               | 1,067,917 | 16,265                           | 17,439 | 107.2   |
| 1988 | 4,260,753                                | 20,461 | 244,499,004               | 1,079,827 | 17,426                           | 18,949 | 108.7   |
| 1989 | 4,603,969                                | 22,865 | 246,819,222               | 1,094,588 | 18,653                           | 20,890 | 112.0   |
| 1990 | 4,890,453                                | 24,931 | 249,622,814               | 1,113,491 | 19,591                           | 22,390 | 114.3   |
| 1991 | 5,055,766                                | 26,366 | 252,980,941               | 1,136,754 | 19,985                           | 23,194 | 116.1   |
| 1992 | 5,402,109                                | 28,425 | 256,514,224               | 1,158,613 | 21,060                           | 24,533 | 116.5   |
| 1993 | 5,639,780                                | 29,472 | 259,918,588               | 1,172,838 | 21,698                           | 25,129 | 115.8   |
| 1994 | 5,930,316                                | 30,121 | 263,125,821               | 1,187,536 | 22,538                           | 25,365 | 112.5   |
| 1995 | 6,275,761                                | 30,777 | 266,278,393               | 1,196,854 | 23,568                           | 25,715 | 109.1   |
| 1996 | 6,661,697                                | 30,786 | 269,394,284               | 1,203,755 | 24,728                           | 25,575 | 103.4   |
| 1997 | 7,075,132                                | 31,792 | 272,646,925               | 1,211,640 | 25,950                           | 26,239 | 101.1   |
| 1998 | 7,588,703                                | 32,276 | 275,854,104               | 1,215,233 | 27,510                           | 26,560 | 96.5  |
| 1999 | 7,988,183                                | 33,253 | 279,040,168               | 1,210,300 | 28,627                           | 27,475 | 96.0  |
| 2000 | 8,634,847                                | 35,108 | 282,162,411               | 1,213,519 | 30,602                           | 28,931 | 94.5  |

Continued on next page.

**Table 13.07-- TOTAL AND PER CAPITA PERSONAL INCOME  
FOR THE UNITED STATES AND HAWAII: 1969 TO 2015 -- Con.**

| Year | Personal income<br>(millions of dollars) |        | Resident<br>population 1/ |           | Per capita<br>personal income 2/ |        |   |
|------|--|--------|---------------------------|-----------|----------------------------------|--------|---|
|      | U.S.                                     | Hawaii | U.S.                      | Hawaii    | Dollars                          |        | Hawaii<br>as<br>percent<br>of U.S.<br>average |
|      |  |        |                           |           | U.S.                             | Hawaii |   |
| 2001 | 8,987,890                                | 36,347 | 284,968,955               | 1,225,948 | 31,540                           | 29,648 | 94.0  |
| 2002 | 9,150,761                                | 38,047 | 287,625,193               | 1,239,613 | 31,815                           | 30,693 | 96.5  |
| 2003 | 9,484,225                                | 39,849 | 290,107,933               | 1,251,154 | 32,692                           | 31,850 | 97.4  |
| 2004 | 10,047,876                               | 43,085 | 292,805,298               | 1,273,569 | 34,316                           | 33,830 | 98.6  |
| 2005 | 10,610,320                               | 46,111 | 295,516,599               | 1,292,729 | 35,904                           | 35,669 | 99.3  |
| 2006 | 11,381,350                               | 49,617 | 298,379,912               | 1,309,731 | 38,144                           | 37,883 | 99.3  |
| 2007 | 11,995,419                               | 52,659 | 301,231,207               | 1,315,675 | 39,821                           | 40,024 | 100.5   |
| 2008 | 12,492,705                               | 55,478 | 304,093,966               | 1,332,213 | 41,082                           | 41,643 | 101.4   |
| 2009 | 12,079,444                               | 55,340 | 306,771,529               | 1,346,717 | 39,376                           | 41,093 | 104.4   |
| 2010 | 12,459,613                               | 56,732 | 309,347,057               | 1,363,950 | 40,277                           | 41,594 | 103.3   |
| 2011 | 13,233,436                               | 59,179 | 311,721,632               | 1,378,251 | 42,453                           | 42,938 | 101.1   |
| 2012 | 13,904,485                               | 61,984 | 314,112,078               | 1,392,766 | 44,266                           | 44,504 | 100.5   |
| 2013 | 14,064,468                               | 62,437 | 316,497,531               | 1,408,987 | 44,438                           | 44,314 | 99.7  |
| 2014 | 14,683,147                               | 65,348 | 318,857,056               | 1,419,561 | 46,049                           | 46,034 | 100.0   |
| 2015 | 15,324,109                               | 68,373 | 321,467,160               | 1,431,806 | 47,669                           | 47,753 | 100.2   |

1/ U.S. Census Bureau midyear population estimate. 2010-2014 use state population estimates available as of December 2014. Estimates for 2015 are derived from the quarterly state population estimates produced by BEA based on unpublished Census Bureau data.

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

Source: U.S. Bureau of Economic Analysis, State Personal Income Summary SA1-3 (March 24, 2016) <<http://www.bea.gov/iTable/iTable.cfm?ReqID=70&step=1>> accessed March 24, 2016; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

**Table 13.08-- TOTAL AND PER CAPITA DISPOSABLE PERSONAL INCOME  
FOR THE UNITED STATES AND HAWAII: 1969 TO 2015**

[Total and per capita disposable personal income 1976 to 2014 and population 2010 to 2013  
revised for 2010 to 2013 from previous *Data Book*. 2015 data are preliminary]

| Year | Disposable personal income<br>(thousands of dollars) |        | Resident population 1/ |           | Per capita disposable personal income 2/ |        | Hawaii as percent of U.S. average |
|------|--|--------|------------------------|-----------|--|--------|-----------------------------------|
|      | U.S.   | Hawaii | U.S.                   | Hawaii    | Dollars                                  |        |                                   |
|      |  |        |                        |           | U.S.                                     | Hawaii |                                   |
| 1969 | 687,346  | 3,164  | 201,298,000            | 743,000   | 3,415                                    | 4,258  | 124.7                             |
| 1970 | 752,652  | 3,692  | 203,798,722            | 762,920   | 3,693                                    | 4,839  | 131.0                             |
| 1971 | 822,788  | 4,066  | 206,817,509            | 791,580   | 3,978                                    | 5,137  | 129.1                             |
| 1972 | 892,439  | 4,425  | 209,274,882            | 818,104   | 4,264                                    | 5,408  | 126.8                             |
| 1973 | 999,316  | 4,908  | 211,349,205            | 841,851   | 4,728                                    | 5,830  | 123.3                             |
| 1974 | 1,091,918  | 5,604  | 213,333,635            | 858,121   | 5,118                                    | 6,530  | 127.6                             |
| 1975 | 1,212,852  | 6,239  | 215,456,585            | 875,052   | 5,629                                    | 7,130  | 126.7                             |
| 1976 | 1,319,290  | 6,659  | 217,553,859            | 892,335   | 6,064                                    | 7,462  | 123.1                             |
| 1977 | 1,449,604  | 7,170  | 219,760,875            | 915,749   | 6,596                                    | 7,830  | 118.7                             |
| 1978 | 1,622,771  | 7,906  | 222,098,244            | 928,816   | 7,307                                    | 8,511  | 116.5                             |
| 1979 | 1,800,550  | 8,825  | 224,568,579            | 950,050   | 8,018                                    | 9,289  | 115.9                             |
| 1980 | 2,008,241  | 10,069 | 227,224,719            | 967,710   | 8,838                                    | 10,405 | 117.7                             |
| 1981 | 2,239,459  | 10,887 | 229,465,744            | 978,195   | 9,759                                    | 11,130 | 114.0                             |
| 1982 | 2,413,886  | 11,697 | 231,664,432            | 993,780   | 10,420                                   | 11,770 | 113.0                             |
| 1983 | 2,605,942  | 12,901 | 233,792,014            | 1,012,717 | 11,146                                   | 12,739 | 114.3                             |
| 1984 | 2,891,562  | 13,848 | 235,824,907            | 1,027,922 | 12,261                                   | 13,472 | 109.9                             |
| 1985 | 3,085,159  | 14,686 | 237,923,734            | 1,039,698 | 12,967                                   | 14,125 | 108.9                             |
| 1986 | 3,275,508  | 15,563 | 240,132,831            | 1,051,762 | 13,640                                   | 14,797 | 108.5                             |
| 1987 | 3,452,458  | 16,366 | 242,288,936            | 1,067,917 | 14,249                                   | 15,325 | 107.6                             |
| 1988 | 3,755,973  | 17,960 | 244,499,004            | 1,079,827 | 15,362                                   | 16,632 | 108.3                             |
| 1989 | 4,037,481  | 19,869 | 246,819,222            | 1,094,588 | 16,358                                   | 18,152 | 111.0                             |
| 1990 | 4,297,144  | 21,676 | 249,622,814            | 1,113,491 | 17,215                                   | 19,467 | 113.1                             |
| 1991 | 4,468,300  | 22,804 | 252,980,941            | 1,136,754 | 17,663                                   | 20,061 | 113.6                             |
| 1992 | 4,790,365  | 25,096 | 256,514,224            | 1,158,613 | 18,675                                   | 21,661 | 116.0                             |
| 1993 | 4,991,984  | 26,063 | 259,918,588            | 1,172,838 | 19,206                                   | 22,222 | 115.7                             |
| 1994 | 5,238,115  | 26,660 | 263,125,821            | 1,187,536 | 19,907                                   | 22,450 | 112.8                             |
| 1995 | 5,528,191  | 27,394 | 266,278,393            | 1,196,854 | 20,761                                   | 22,889 | 110.2                             |
| 1996 | 5,825,497  | 27,233 | 269,394,284            | 1,203,755 | 21,624                                   | 22,624 | 104.6                             |
| 1997 | 6,144,250  | 28,113 | 272,646,925            | 1,211,640 | 22,536                                   | 23,202 | 103.0                             |
| 1998 | 6,557,273  | 28,412 | 275,854,104            | 1,215,233 | 23,771                                   | 23,380 | 98.4                              |
| 1999 | 6,877,094  | 29,217 | 279,040,168            | 1,210,300 | 24,646                                   | 24,140 | 97.9                              |
| 2000 | 7,399,368  | 30,762 | 282,162,411            | 1,213,519 | 26,224                                   | 25,349 | 96.7                              |

Continued on next page.

**Table 13.08-- TOTAL AND PER CAPITA DISPOSABLE PERSONAL INCOME  
FOR THE UNITED STATES AND HAWAII: 1969 TO 2015-- Con.**

| Year | Disposable personal income<br>(thousands of dollars) |        | Resident population 1/ |           | Per capita disposable personal income 2/ |        |                                   |
|------|--|--------|------------------------|-----------|--|--------|-----------------------------------|
|      | U.S.   | Hawaii | U.S.                   | Hawaii    | Dollars                                  |        | Hawaii as percent of U.S. average |
|      |  |        |                        |           | U.S.                                     | Hawaii |                                   |
| 2001 | 7,749,676  | 31,876 | 284,968,955            | 1,225,948 | 27,195                                   | 26,001 | 95.6                              |
| 2002 | 8,097,069  | 33,984 | 287,625,193            | 1,239,613 | 28,151                                   | 27,415 | 97.4                              |
| 2003 | 8,479,891  | 35,834 | 290,107,933            | 1,251,154 | 29,230                                   | 28,641 | 98.0                              |
| 2004 | 8,998,339  | 38,754 | 292,805,298            | 1,273,569 | 30,731                                   | 30,430 | 99.0                              |
| 2005 | 9,398,310  | 40,981 | 295,516,599            | 1,292,729 | 31,803                                   | 31,701 | 99.7                              |
| 2006 | 10,025,593   | 44,033 | 298,379,912            | 1,309,731 | 33,600                                   | 33,620 | 100.1                             |
| 2007 | 10,503,618   | 46,739 | 301,231,207            | 1,315,675 | 34,869                                   | 35,525 | 101.9                             |
| 2008 | 10,986,281   | 49,545 | 304,093,966            | 1,332,213 | 36,128                                   | 37,190 | 102.9                             |
| 2009 | 10,928,315   | 50,559 | 306,771,529            | 1,346,717 | 35,624                                   | 37,542 | 105.4                             |
| 2010 | 11,221,631   | 51,952 | 309,347,057            | 1,363,950 | 36,275                                   | 38,090 | 105.0                             |
| 2011 | 11,781,805   | 53,736 | 311,721,632            | 1,378,251 | 37,796                                   | 38,989 | 103.2                             |
| 2012 | 12,394,567   | 56,292 | 314,112,078            | 1,392,766 | 39,459                                   | 40,417 | 102.4                             |
| 2013 | 12,393,317   | 56,078 | 316,497,531            | 1,408,987 | 39,158                                   | 39,800 | 101.6                             |
| 2014 | 12,904,591   | 58,640 | 318,857,056            | 1,419,561 | 40,471                                   | 41,309 | 102.1                             |
| 2015 | 13,380,819   | 61,060 | 321,467,160            | 1,431,806 | 41,624                                   | 42,645 | 102.5                             |

1/ U.S. Census Bureau midyear population estimate. 2010-2014 use state population estimates available as of December 2014. Estimates for 2015 are derived from the quarterly state population estimates produced by BEA based on unpublished Census Bureau data.

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

Source: U.S. Bureau of Economic Analysis, State Disposable Personal Income Summary SA51 (March 24, 2016) <<http://www.bea.gov/iTable/iTable.cfm?ReqID=70&step=1>> accessed March 24, 2016; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

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

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

| Item                                    | 1997       | 1998       | 1999       | 2000       | 2001       |
|---|------------|------------|------------|------------|------------|
| Personal income 1/                      | 31,791,726 | 32,276,378 | 33,252,800 | 35,107,972 | 36,346,822 |
| Earnings by place of work               | 23,777,542 | 23,986,091 | 24,726,119 | 26,130,858 | 27,242,187 |
| Wages & salaries                        | 17,215,868 | 17,621,036 | 18,185,436 | 19,173,030 | 19,831,092 |
| Suppl. to wages and salaries 2/         | 4,061,078  | 4,120,310  | 4,238,715  | 4,500,782  | 4,803,998  |
| Proprietors' income 3/                  | 2,500,596  | 2,244,745  | 2,301,968  | 2,457,046  | 2,607,097  |
| Farm proprietors' income                | 36,106     | 38,283     | 43,843     | 40,387     | 39,138     |
| Nonfarm proprietors' income             | 2,464,490  | 2,206,462  | 2,258,125  | 2,416,659  | 2,567,959  |
| Dividends, interest, and rent 1/ 4/     | 6,950,510  | 7,195,366  | 7,344,607  | 7,736,148  | 7,702,312  |
| Personal current transf. receipts 1/ 5/ | 3,693,737  | 3,766,251  | 3,922,182  | 4,130,169  | 4,450,134  |
| Less: Contrib. for gov't social ins. 6/ | 2,630,063  | 2,671,330  | 2,740,108  | 2,889,203  | 3,047,811  |
| Earnings by industry                    | 23,777,542 | 23,986,091 | 24,726,119 | 26,130,858 | 27,242,187 |
| Farm earnings                           | 204,858    | 218,855    | 246,231    | 241,591    | 236,703    |
| Nonfarm earnings                        | 23,572,684 | 23,767,236 | 24,479,888 | 25,889,267 | 27,005,484 |
| Private nonfarm earnings                | 16,908,425 | 16,942,109 | 17,312,104 | 18,500,525 | 19,261,531 |
| Agri. serv, forestry, & fishing         | 142,547    | 129,089    | 133,623    | 138,578    | 145,687    |
| Mining                                  | 23,275     | 23,611     | 23,038     | 24,195     | 24,466     |
| Construction                            | 1,462,056  | 1,384,669  | 1,388,697  | 1,581,183  | 1,653,518  |
| Manufacturing                           | 769,000    | 740,440    | 751,839    | 782,812    | 828,790    |
| Durable goods                           | 174,055    | 172,015    | 176,278    | 205,538    | 237,742    |
| Nondurable goods                        | 594,945    | 568,425    | 575,561    | 577,274    | 591,048    |
| Transp. & public util.                  | 1,888,331  | 1,878,427  | 1,953,799  | 2,053,297  | 2,136,697  |
| Wholesale trade                         | 913,958    | 933,281    | 924,526    | 982,167    | 1,009,149  |
| Retail trade                            | 2,911,724  | 2,864,442  | 2,981,124  | 2,989,478  | 3,019,881  |
| Finance, insur., & real estate          | 1,937,861  | 1,952,314  | 1,984,404  | 2,146,248  | 2,139,435  |
| Services                                | 6,859,673  | 7,035,836  | 7,171,054  | 7,802,567  | 8,303,908  |
| Hotels & other lodging places           | 1,334,826  | 1,347,338  | 1,393,240  | 1,517,763  | (NA)       |
| Business services                       | 843,124    | 887,213    | 971,768    | 1,148,530  | (NA)       |
| Health services                         | 1,858,172  | 1,912,256  | 1,917,023  | 2,019,397  | (NA)       |
| Other                                   | 2,823,551  | 2,889,029  | 2,889,023  | 3,116,877  | (NA)       |
| Gov't & gov't enterprises               | 6,664,259  | 6,825,127  | 7,167,784  | 7,388,742  | 7,743,953  |
| Federal                                 | 3,568,735  | 3,657,010  | 3,713,173  | 3,933,646  | 4,149,281  |
| Federal, civilian                       | 1,573,065  | 1,666,832  | 1,710,658  | 1,852,452  | 1,882,754  |
| Military                                | 1,995,670  | 1,990,178  | 2,002,515  | 2,081,194  | 2,266,527  |
| State & local gov't                     | 3,095,524  | 3,168,117  | 3,454,611  | 3,455,096  | 3,594,672  |
| State                                   | 2,323,403  | 2,384,735  | 2,619,973  | 2,625,779  | 2,728,706  |
| Local                                   | 772,121    | 783,382    | 834,638    | 829,317    | 865,966    |

Continued on next page.



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

NA Not available.

1/ State Personal Income and Personal Current Transfer Receipts for 1997 to 2001, and Dividends, interest and rent for 1998 to 2001 were revised from previous *Data Book*.

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

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

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

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

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

Source: U.S. Bureau of Economic Analysis, State Personal Income (September 30, 2015) <<http://www.bea.gov/iTable/iTable.cfm?reqid=70&step=1>> accessed July 7, 2016; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

**Table 13.10-- PERSONAL INCOME BY MAJOR SOURCE, BY NAICS  
INDUSTRY: 2010 TO 2014**

[In millions of dollars. For 2007-2010 industries are grouped according to the 2007 North American Industry Classification System (NAICS) Code, and according to the 2012 NAICS for 2011 forward. Estimates for 1998 to 2014 were revised by BEA on September 30, 2015]

| Item                                    | 2010       | 2011       | 2012       | 2013       | 2014       |
|---|------------|------------|------------|------------|------------|
| Personal income                         | 56,732,435 | 59,179,393 | 61,983,952 | 62,437,294 | 65,347,949 |
| Earnings by place of work               | 40,371,088 | 42,163,800 | 44,201,614 | 45,085,927 | 46,743,776 |
| Less: Contrib. for gov't social ins. 1/ | 4,716,524  | 4,496,928  | 4,645,613  | 5,408,826  | 5,424,361  |
| Employee and self-employed              | 2,337,248  | 1,913,901  | 1,965,315  | 2,580,523  | 2,713,677  |
| Employer                                | 2,379,276  | 2,583,027  | 2,680,298  | 2,828,303  | 2,710,684  |
| Net earnings by place of residence      | 35,654,564 | 37,666,872 | 39,556,001 | 39,677,101 | 41,319,415 |
| Dividends, interest, and rent 2/        | 11,819,019 | 11,873,522 | 12,916,294 | 12,921,120 | 13,561,604 |
| Personal current transfer receipts      | 9,258,852  | 9,638,999  | 9,511,657  | 9,839,073  | 10,466,930 |
| Wages and salaries                      | 28,625,913 | 29,489,238 | 30,684,867 | 31,515,009 | 32,856,301 |
| Supp. to wages & sal.- emp'er contrib.  | 8,167,366  | 8,935,017  | 9,115,941  | 9,388,349  | 9,493,856  |
| For employee pension & ins. funds 3/    | 5,788,090  | 6,351,990  | 6,435,643  | 6,560,046  | 6,783,172  |
| For government social insurance         | 2,379,276  | 2,583,027  | 2,680,298  | 2,828,303  | 2,710,684  |
| Proprietors' income 4/                  | 3,577,809  | 3,739,545  | 4,400,806  | 4,182,569  | 4,393,619  |
| Farm proprietors' income                | -23,220    | -18,671    | -37,463    | -15,959    | -8,212     |
| Nonfarm proprietors' income             | 3,601,029  | 3,758,216  | 4,438,269  | 4,198,528  | 4,401,831  |
| Farm earnings                           | 174,665    | 170,361    | 244,167    | 269,293    | 298,496    |
| Nonfarm earnings                        | 40,196,423 | 41,993,439 | 43,957,447 | 44,816,634 | 46,445,280 |
| Private earnings                        | 26,759,164 | 27,986,286 | 29,712,091 | 30,682,222 | 31,817,897 |
| Forestry, fishing, rel. activ., & other | 53,704     | 56,576     | 64,272     | 66,052     | 70,938     |
| Mining                                  | 35,404     | 39,360     | 38,158     | 35,259     | 36,787     |
| Utilities                               | 416,273    | 474,435    | 484,447    | 542,173    | 569,645    |
| Construction                            | 2,887,280  | 2,919,643  | 3,055,952  | 3,181,773  | 3,372,643  |
| Manufacturing                           | 722,431    | 776,206    | 798,499    | 819,318    | 858,502    |
| Wholesale trade                         | 1,094,961  | 1,147,153  | 1,195,059  | 1,240,131  | 1,274,173  |
| Retail trade                            | 2,518,170  | 2,609,386  | 2,666,933  | 2,751,938  | 2,809,723  |
| Transportation and warehousing          | 1,359,037  | 1,485,099  | 1,588,791  | 1,704,399  | 1,771,344  |
| Information                             | 737,206    | 672,106    | 673,983    | 696,495    | 714,333    |
| Finance and insurance                   | 1,319,971  | 1,313,482  | 1,360,999  | 1,349,267  | 1,359,674  |
| Real estate and rental and leasing      | 1,158,232  | 1,223,357  | 1,755,062  | 1,618,995  | 1,641,725  |
| Prof., scientific, & tech. services     | 2,391,198  | 2,508,781  | 2,582,110  | 2,590,126  | 2,648,459  |
| Mgt of companies & enterprises          | 608,198    | 673,644    | 732,341    | 809,442    | 821,437    |
| Admin. & waste mgt. services            | 1,673,880  | 1,832,739  | 1,941,018  | 2,045,514  | 2,178,156  |
| Educational services                    | 675,797    | 703,226    | 745,084    | 737,444    | 753,642    |
| Health care and social assistance       | 3,950,926  | 4,079,025  | 4,164,934  | 4,340,829  | 4,489,125  |
| Arts, entertainment, and recreation     | 402,868    | 401,833    | 440,049    | 486,806    | 509,105    |
| Accommodation & food services           | 3,164,286  | 3,432,057  | 3,731,397  | 3,950,300  | 4,137,474  |
| Other services, except public admin.    | 1,589,342  | 1,638,178  | 1,693,003  | 1,715,961  | 1,801,012  |

Continued on next page.

**Table 13.10-- PERSONAL INCOME BY MAJOR SOURCE, BY NAICS  
INDUSTRY: 2010 TO 2014 -- Con.**

| Item                        | 2010       | 2011       | 2012       | 2013       | 2014       |
|-----------------------------|------------|------------|------------|------------|------------|
| Gov't and gov't enterprises | 13,437,259 | 14,007,153 | 14,245,356 | 14,134,412 | 14,627,383 |
| Federal                     | 7,953,721  | 8,322,729  | 8,478,286  | 8,188,427  | 8,325,791  |
| Civilian                    | 3,244,750  | 3,437,499  | 3,515,004  | 3,359,119  | 3,455,799  |
| Military                    | 4,708,971  | 4,885,230  | 4,963,282  | 4,829,308  | 4,869,992  |
| State and local             | 5,483,538  | 5,684,424  | 5,767,070  | 5,945,985  | 6,301,592  |
| State                       | 4,082,365  | 4,236,207  | 4,332,292  | 4,494,719  | 4,752,314  |
| Local                       | 1,401,173  | 1,448,217  | 1,434,778  | 1,451,266  | 1,549,278  |

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, "SA5N Personal Income by Major Component and Earnings by NAICS Industry" (September 30, 2015)

<<http://www.bea.gov/iTable/iTable.cfm?reqid=70&step=1>> accessed September 30, 2015.

**Table 13.11-- PERSONAL INCOME TOTAL AND PER CAPITA  
IN CONSTANT DOLLARS, BY STATE: 2008 TO 2014**

[2008 to 2013 revised from previous *Data Book*]

| State   | 2008          | 2009          | 2010          | 2011          | 2012          | 2013          | 2014          |
|---|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Real personal income (thousands of chained (2009) dollars) 1/ |               |               |               |               |               |               |               |
| Alabama   | 182,947       | 180,129       | 182,773       | 185,498       | 186,007       | 185,465       | 190,171       |
| Alaska  | 30,471        | 30,287        | 31,867        | 33,435        | 34,215        | 33,500        | 34,542        |
| Arizona   | 225,675       | 216,418       | 219,136       | 226,900       | 234,264       | 234,753       | 242,833       |
| Arkansas  | 107,463       | 106,042       | 105,113       | 109,559       | 115,084       | 114,713       | 117,558       |
| California  | 1,420,494     | 1,365,704     | 1,373,613     | 1,434,978     | 1,514,814     | 1,527,644     | 1,583,118     |
| Colorado  | 212,895       | 204,699       | 206,446       | 215,412       | 224,757       | 225,442       | 235,538       |
| Connecticut   | 185,517       | 179,632       | 184,889       | 189,760       | 194,828       | 191,439       | 196,749       |
| Delaware  | 36,750        | 36,069        | 36,031        | 37,357        | 38,244        | 38,224        | 39,071        |
| Dist. of Col.   | 33,296        | 32,051        | 32,155        | 34,135        | 35,114        | 35,231        | 35,765        |
| Florida   | 736,915       | 700,987       | 726,193       | 750,867       | 760,227       | 761,000       | 786,786       |
| Georgia   | 365,493       | 356,494       | 357,784       | 375,677       | 378,274       | 380,077       | 392,474       |
| <b>Hawaii</b>   | <b>47,060</b> | <b>47,404</b> | <b>47,698</b> | <b>48,697</b> | <b>49,659</b> | <b>49,407</b> | <b>51,354</b> |
| Idaho   | 53,064        | 51,627        | 53,052        | 54,771        | 56,182        | 57,701        | 58,997        |
| Illinois  | 556,329       | 528,056       | 528,687       | 541,925       | 555,944       | 553,566       | 559,163       |
| Indiana   | 247,404       | 238,090       | 240,743       | 248,480       | 256,425       | 256,028       | 262,222       |
| Iowa  | 134,215       | 130,205       | 130,316       | 137,769       | 139,873       | 139,133       | 141,927       |
| Kansas  | 128,957       | 123,263       | 122,943       | 129,136       | 131,364       | 131,208       | 131,904       |
| Kentucky  | 159,361       | 157,416       | 159,561       | 164,136       | 166,747       | 165,170       | 170,729       |
| Louisiana   | 185,589       | 179,194       | 182,843       | 186,232       | 192,658       | 192,829       | 196,248       |
| Maine   | 49,934        | 49,733        | 50,127        | 50,646        | 50,442        | 49,894        | 51,230        |
| Maryland  | 254,566       | 251,573       | 255,343       | 262,514       | 267,947       | 263,303       | 269,226       |
| Massachusetts   | 309,608       | 304,499       | 309,409       | 320,710       | 334,487       | 330,207       | 339,496       |
| Michigan  | 374,282       | 356,435       | 361,825       | 375,005       | 381,624       | 382,519       | 393,741       |
| Minnesota   | 233,616       | 222,556       | 229,329       | 239,319       | 246,001       | 245,194       | 251,362       |
| Mississippi   | 105,020       | 104,334       | 104,003       | 105,523       | 107,846       | 107,630       | 109,092       |
| Missouri  | 253,081       | 246,923       | 245,289       | 246,914       | 253,951       | 252,926       | 259,037       |
| Montana   | 35,847        | 35,122        | 36,106        | 37,810        | 39,649        | 39,016        | 39,803        |
| Nebraska  | 81,569        | 79,533        | 79,967        | 86,055        | 88,049        | 88,795        | 90,608        |
| Nevada  | 106,200       | 98,751        | 98,494        | 98,915        | 103,835       | 103,727       | 108,602       |
| New Hampshire   | 55,205        | 54,510        | 55,222        | 57,798        | 59,679        | 58,959        | 61,050        |
| New Jersey  | 404,049       | 389,803       | 389,410       | 397,606       | 403,689       | 400,949       | 412,540       |
| New Mexico  | 71,214        | 69,840        | 71,018        | 72,522        | 73,647        | 72,091        | 74,698        |
| New York  | 820,259       | 799,973       | 817,632       | 841,013       | 859,276       | 851,321       | 871,141       |
| North Carolina  | 364,098       | 359,594       | 366,985       | 371,789       | 387,822       | 377,386       | 389,649       |
| North Dakota  | 30,484        | 29,526        | 32,005        | 35,161        | 40,319        | 39,996        | 41,388        |
| Ohio  | 469,994       | 460,095       | 460,915       | 480,451       | 491,862       | 490,995       | 503,038       |
| Oklahoma  | 156,099       | 144,022       | 148,618       | 158,781       | 166,441       | 167,240       | 172,374       |
| Oregon  | 141,253       | 136,638       | 137,395       | 141,647       | 145,712       | 145,945       | 151,720       |
| Pennsylvania  | 536,247       | 527,685       | 532,969       | 548,381       | 560,497       | 555,030       | 569,724       |
| Rhode Island  | 44,190        | 43,398        | 44,740        | 45,113        | 46,346        | 45,969        | 47,425        |
| South Carolina  | 166,575       | 163,557       | 165,993       | 169,504       | 173,974       | 174,068       | 179,763       |
| South Dakota  | 36,960        | 36,467        | 37,198        | 40,205        | 39,687        | 40,124        | 40,300        |
| Tennessee   | 244,211       | 240,920       | 247,231       | 254,503       | 262,636       | 262,264       | 269,504       |
| Texas   | 1,007,250     | 955,025       | 989,549       | 1,057,813     | 1,113,813     | 1,121,730     | 1,168,858     |
| Utah  | 95,096        | 90,581        | 92,037        | 95,868        | 99,840        | 101,508       | 104,881       |
| Vermont   | 24,983        | 24,451        | 24,836        | 25,770        | 25,945        | 26,049        | 26,378        |
| Virginia  | 348,285       | 341,473       | 348,424       | 361,166       | 370,219       | 366,411       | 374,847       |
| Washington  | 283,172       | 272,352       | 276,240       | 285,831       | 297,745       | 297,835       | 309,793       |
| West Virginia   | 66,539        | 66,536        | 66,362        | 68,955        | 69,942        | 68,520        | 69,014        |
| Wisconsin   | 237,008       | 234,557       | 234,510       | 240,466       | 245,247       | 244,961       | 250,000       |
| Wyoming   | 27,850        | 25,215        | 26,013        | 27,753        | 29,648        | 29,419        | 30,411        |

Continued on next page.

**Table 13.11-- PERSONAL INCOME TOTAL AND PER CAPITA  
IN CONSTANT DOLLARS, BY STATE: 2008 TO 2014-- Con.**

| State   | 2008          | 2009          | 2010          | 2011          | 2012          | 2013          | 2014          |
|---|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Real per capita personal income (chained (2009) dollars) 2/ |               |               |               |               |               |               |               |
| Alabama   | 38,775        | 37,859        | 38,191        | 38,632        | 38,611        | 38,367        | 39,216        |
| Alaska  | 44,325        | 43,336        | 44,640        | 46,272        | 46,801        | 45,438        | 46,886        |
| Arizona   | 35,933        | 34,118        | 34,176        | 35,054        | 35,731        | 35,381        | 36,074        |
| Arkansas  | 37,384        | 36,606        | 35,969        | 37,285        | 39,021        | 38,771        | 39,630        |
| California  | 38,807        | 36,950        | 36,791        | 38,061        | 39,798        | 39,750        | 40,799        |
| Colorado  | 43,539        | 41,169        | 40,892        | 42,075        | 43,292        | 42,761        | 43,978        |
| Connecticut   | 52,323        | 50,433        | 51,655        | 52,850        | 54,204        | 53,187        | 54,703        |
| Delaware  | 41,578        | 40,448        | 40,046        | 41,150        | 41,711        | 41,312        | 41,760        |
| Dist. of Col.   | 57,384        | 54,120        | 53,131        | 55,019        | 55,294        | 54,275        | 54,280        |
| Florida   | 39,775        | 37,581        | 38,520        | 39,296        | 39,278        | 38,826        | 39,550        |
| Georgia   | 38,453        | 37,054        | 36,830        | 38,283        | 38,136        | 38,028        | 38,869        |
| <b>Hawaii</b>   | <b>35,325</b> | <b>35,200</b> | <b>34,970</b> | <b>35,333</b> | <b>35,655</b> | <b>35,065</b> | <b>36,176</b> |
| Idaho   | 34,585        | 33,212        | 33,777        | 34,582        | 35,211        | 35,776        | 36,096        |
| Illinois  | 43,644        | 41,265        | 41,175        | 42,145        | 43,184        | 42,944        | 43,411        |
| Indiana   | 38,508        | 36,860        | 37,093        | 38,131        | 39,223        | 38,965        | 39,750        |
| Iowa  | 44,490        | 42,931        | 42,723        | 44,950        | 45,473        | 44,993        | 45,678        |
| Kansas  | 45,923        | 43,514        | 43,003        | 44,996        | 45,518        | 45,310        | 45,421        |
| Kentucky  | 37,148        | 36,464        | 36,682        | 37,559        | 38,040        | 37,542        | 38,684        |
| Louisiana   | 41,841        | 39,895        | 40,224        | 40,698        | 41,839        | 41,654        | 42,207        |
| Maine   | 37,530        | 37,404        | 37,765        | 38,139        | 37,967        | 37,551        | 38,516        |
| Maryland  | 44,779        | 43,902        | 44,115        | 44,922        | 45,478        | 44,336        | 45,048        |
| Massachusetts   | 47,860        | 46,719        | 47,137        | 48,502        | 50,255        | 49,219        | 50,330        |
| Michigan  | 37,628        | 35,998        | 36,635        | 37,972        | 38,607        | 38,645        | 39,732        |
| Minnesota   | 44,524        | 42,141        | 43,185        | 44,749        | 45,720        | 45,222        | 46,061        |
| Mississippi   | 35,626        | 35,262        | 35,008        | 35,429        | 36,115        | 35,970        | 36,436        |
| Missouri  | 42,722        | 41,423        | 40,908        | 41,080        | 42,148        | 41,841        | 42,720        |
| Montana   | 36,712        | 35,694        | 36,449        | 37,899        | 39,445        | 38,445        | 38,886        |
| Nebraska  | 45,407        | 43,876        | 43,701        | 46,713        | 47,453        | 47,510        | 48,157        |
| Nevada  | 40,021        | 36,783        | 36,432        | 36,385        | 37,686        | 37,158        | 38,252        |
| New Hampshire   | 41,952        | 41,418        | 41,945        | 43,849        | 45,167        | 44,578        | 46,013        |
| New Jersey  | 46,383        | 44,520        | 44,233        | 44,965        | 45,481        | 44,992        | 46,155        |
| New Mexico  | 35,418        | 34,289        | 34,392        | 34,893        | 35,329        | 34,545        | 35,817        |
| New York  | 42,694        | 41,434        | 42,144        | 43,081        | 43,825        | 43,224        | 44,117        |
| North Carolina  | 39,111        | 38,054        | 38,390        | 38,521        | 39,784        | 38,318        | 39,184        |
| North Dakota  | 46,359        | 44,402        | 47,461        | 51,311        | 57,459        | 55,254        | 55,969        |
| Ohio  | 40,814        | 39,908        | 39,940        | 41,616        | 42,582        | 42,430        | 43,387        |
| Oklahoma  | 42,546        | 38,741        | 39,532        | 41,933        | 43,605        | 43,404        | 44,449        |
| Oregon  | 37,480        | 35,876        | 35,807        | 36,624        | 37,375        | 37,154        | 38,214        |
| Pennsylvania  | 42,518        | 41,659        | 41,929        | 43,031        | 43,892        | 43,425        | 44,554        |
| Rhode Island  | 41,886        | 41,189        | 42,485        | 42,883        | 44,028        | 43,641        | 44,946        |
| South Carolina  | 36,780        | 35,634        | 35,803        | 36,273        | 36,838        | 36,477        | 37,199        |
| South Dakota  | 46,251        | 45,185        | 45,575        | 48,783        | 47,558        | 47,456        | 47,235        |
| Tennessee   | 39,090        | 38,205        | 38,893        | 39,776        | 40,686        | 40,365        | 41,150        |
| Texas   | 41,435        | 38,506        | 39,197        | 41,228        | 42,684        | 42,320        | 43,360        |
| Utah  | 35,710        | 33,260        | 33,174        | 34,052        | 34,968        | 34,969        | 35,639        |
| Vermont   | 40,027        | 39,133        | 39,687        | 41,136        | 41,437        | 41,555        | 42,099        |
| Virginia  | 44,461        | 43,083        | 43,415        | 44,532        | 45,185        | 44,304        | 45,020        |
| Washington  | 43,152        | 40,848        | 40,973        | 41,898        | 43,174        | 42,708        | 43,871        |
| West Virginia   | 36,157        | 36,009        | 35,791        | 37,173        | 37,678        | 36,966        | 37,298        |
| Wisconsin   | 42,015        | 41,373        | 41,220        | 42,122        | 42,839        | 42,654        | 43,421        |
| Wyoming   | 51,003        | 45,040        | 46,093        | 48,893        | 51,393        | 50,442        | 52,059        |

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**Table 13.11-- PERSONAL INCOME TOTAL AND PER CAPITA  
IN CONSTANT DOLLARS, BY STATE: 2008 TO 2014-- Con.**

1/ Real personal income for states is personal income divided by the Regional Price Parity (RPP) and the national Personal Consumption Expenditure (PCE) price index. The result is a chained dollar (using 2009 as base year) estimate of real personal income.

2/ Real per capita personal income is total real personal income divided by total midyear population.

Source: U.S. Bureau of Economic Analysis, State Real Personal Income (July 7, 2016)

<<http://www.bea.gov/iTable/iTable.cfm?ReqID=70&step=1>> accessed July 7, 2016; and calculations by Hawaii State Department of Business, Economic Development & Tourism. See also

"Real Personal Income for States and Metropolitan Areas, 2014"

<<http://www.bea.gov/newsreleases/regional/rpp/2016/pdf/rpp0716.pdf>>.

**Table 13.12-- PERSONAL INCOME, TOTAL AND PER CAPITA, AND  
POPULATION BY COUNTY: 1969 TO 2014**

| <b>Year</b>     | <b>State total</b> | <b>City &amp; County of Honolulu</b> | <b>Hawaii</b> | <b>Kauai</b> | <b>Maui and Kalawao</b> |
|-----------------|--------------------|--------------------------------------|---------------|--------------|-------------------------|
| Total (\$1,000) |                    |                                      |               |              |                         |
| 1969            | 3,646,550          | 3,135,431                            | 227,806       | 111,917      | 171,396                 |
| 1970            | 4,229,452          | 3,638,544                            | 269,994       | 121,243      | 199,671                 |
| 1971            | 4,589,275          | 3,930,462                            | 303,650       | 134,832      | 220,331                 |
| 1972            | 5,053,789          | 4,332,294                            | 335,243       | 143,778      | 242,474                 |
| 1973            | 5,594,397          | 4,792,871                            | 371,978       | 160,941      | 268,607                 |
| 1974            | 6,365,247          | 5,278,618                            | 509,574       | 219,322      | 357,733                 |
| 1975            | 6,935,988          | 5,834,941                            | 508,541       | 211,674      | 380,832                 |
| 1976 1/         | 7,463,349          | 6,279,933                            | 532,631       | 227,717      | 423,068                 |
| 1977 1/         | 8,075,045          | 6,764,711                            | 585,602       | 249,885      | 474,847                 |
| 1978 1/         | 8,963,468          | 7,504,034                            | 653,264       | 275,384      | 530,786                 |
| 1979 1/         | 10,050,552         | 8,379,001                            | 744,057       | 314,123      | 613,371                 |
| 1980 1/         | 11,460,741         | 9,404,699                            | 932,942       | 390,948      | 732,152                 |
| 1981 1/         | 12,391,045         | 10,281,065                           | 942,191       | 401,135      | 766,654                 |
| 1982 1/         | 13,076,982         | 10,824,165                           | 988,432       | 433,159      | 831,226                 |
| 1983 1/         | 14,419,849         | 11,836,096                           | 1,117,214     | 488,344      | 978,195                 |
| 1984 1/         | 15,454,096         | 12,743,137                           | 1,167,533     | 505,790      | 1,037,636               |
| 1985 1/         | 16,453,428         | 13,551,931                           | 1,227,686     | 545,959      | 1,127,852               |
| 1986 1/         | 17,468,188         | 14,307,395                           | 1,338,353     | 592,369      | 1,230,071               |
| 1987 1/         | 18,623,163         | 15,231,897                           | 1,426,822     | 633,047      | 1,331,397               |
| 1988 1/         | 20,461,349         | 16,640,304                           | 1,567,464     | 753,405      | 1,500,176               |
| 1989 1/         | 22,865,408         | 18,424,698                           | 1,814,191     | 877,961      | 1,748,558               |
| 1990 1/         | 24,931,086         | 20,002,934                           | 2,018,456     | 957,874      | 1,951,822               |
| 1991 1/         | 26,366,349         | 21,057,382                           | 2,191,880     | 1,042,232    | 2,074,855               |
| 1992 1/         | 28,424,752         | 22,662,997                           | 2,330,440     | 1,129,298    | 2,302,017               |
| 1993 1/         | 29,472,164         | 23,387,806                           | 2,458,554     | 1,182,363    | 2,443,441               |
| 1994 1/         | 30,121,287         | 23,828,975                           | 2,548,794     | 1,207,517    | 2,536,001               |
| 1995 1/         | 30,776,621         | 24,281,165                           | 2,622,851     | 1,260,168    | 2,612,437               |
| 1996 1/         | 30,785,523         | 24,204,197                           | 2,682,866     | 1,255,669    | 2,642,791               |
| 1997 1/         | 31,791,726         | 25,019,377                           | 2,760,090     | 1,278,069    | 2,734,190               |
| 1998 1/         | 32,276,378         | 25,225,736                           | 2,906,491     | 1,298,729    | 2,845,422               |
| 1999 1/         | 33,252,800         | 25,816,006                           | 3,038,689     | 1,347,171    | 3,050,934               |
| 2000 1/         | 35,107,972         | 27,146,382                           | 3,265,140     | 1,441,430    | 3,255,020               |
| 2001 1/         | 36,346,822         | 27,961,960                           | 3,482,038     | 1,483,646    | 3,419,178               |
| 2002 1/         | 38,046,865         | 29,153,052                           | 3,712,168     | 1,564,588    | 3,617,057               |
| 2003 1/         | 39,848,922         | 30,513,893                           | 3,902,053     | 1,638,599    | 3,794,377               |
| 2004 1/         | 43,084,829         | 32,841,336                           | 4,277,587     | 1,799,177    | 4,166,729               |
| 2005 1/         | 46,110,790         | 34,968,191                           | 4,699,065     | 1,932,649    | 4,510,885               |
| 2006 1/         | 49,616,959         | 37,484,293                           | 5,099,384     | 2,085,448    | 4,947,834               |
| 2007 1/         | 52,658,521         | 39,637,385                           | 5,493,405     | 2,254,806    | 5,272,925               |
| 2008 1/         | 55,477,851         | 41,729,138                           | 5,850,057     | 2,369,046    | 5,529,610               |
| 2009 1/         | 55,340,365         | 42,131,389                           | 5,638,330     | 2,314,033    | 5,256,613               |
| 2010 1/         | 56,732,435         | 43,178,434                           | 5,756,548     | 2,369,005    | 5,428,448               |
| 2011 1/         | 59,179,393         | 45,060,846                           | 5,966,240     | 2,475,088    | 5,677,219               |
| 2012 1/         | 61,983,952         | 47,044,902                           | 6,276,535     | 2,600,635    | 6,061,880               |
| 2013 1/         | 62,437,294         | 47,255,799                           | 6,424,990     | 2,670,325    | 6,086,180               |
| 2014            | 65,347,949         | 49,313,300                           | 6,771,329     | 2,830,508    | 6,432,812               |

Continued on next page.

**Table 13.12-- PERSONAL INCOME, TOTAL AND PER CAPITA, AND  
POPULATION BY COUNTY: 1969 TO 2014-- Con.**

| <b>Year</b>   | <b>State total</b> | <b>City &amp; County of Honolulu</b> | <b>Hawaii</b> | <b>Kauai</b> | <b>Maui and Kalawao</b> |
|---------------|--------------------|--------------------------------------|---------------|--------------|-------------------------|
| Population 2/ |                    |                                      |               |              |                         |
| 1969          | 743,000            | 603,438                              | 63,104        | 30,044       | 46,414                  |
| 1970          | 762,920            | 623,756                              | 63,549        | 29,620       | 45,995                  |
| 1971          | 791,580            | 633,043                              | 73,508        | 33,245       | 51,784                  |
| 1972          | 818,104            | 664,830                              | 69,922        | 31,864       | 51,488                  |
| 1973          | 841,851            | 683,772                              | 72,856        | 32,530       | 52,693                  |
| 1974          | 858,121            | 698,033                              | 73,891        | 32,536       | 53,661                  |
| 1975          | 875,052            | 707,866                              | 77,212        | 33,305       | 56,669                  |
| 1976          | 892,335            | 716,911                              | 80,481        | 34,770       | 60,173                  |
| 1977          | 915,749            | 734,962                              | 82,610        | 35,414       | 62,763                  |
| 1978          | 928,816            | 740,505                              | 85,661        | 36,700       | 65,950                  |
| 1979          | 950,050            | 753,428                              | 89,069        | 38,016       | 69,537                  |
| 1980          | 967,710            | 763,820                              | 92,897        | 39,369       | 71,624                  |
| 1981          | 978,195            | 767,573                              | 96,122        | 40,457       | 74,043                  |
| 1982          | 993,780            | 776,075                              | 98,798        | 41,804       | 77,103                  |
| 1983          | 1,012,717          | 789,097                              | 100,764       | 42,796       | 80,060                  |
| 1984          | 1,027,922          | 797,791                              | 103,528       | 43,634       | 82,969                  |
| 1985          | 1,039,698          | 804,294                              | 105,900       | 44,357       | 85,147                  |
| 1986          | 1,051,762          | 810,444                              | 108,362       | 45,567       | 87,389                  |
| 1987          | 1,067,917          | 818,447                              | 111,735       | 47,203       | 90,532                  |
| 1988          | 1,079,827          | 824,072                              | 113,439       | 48,549       | 93,767                  |
| 1989          | 1,094,588          | 831,337                              | 116,585       | 49,847       | 96,819                  |
| 1990          | 1,113,491          | 838,534                              | 121,572       | 51,676       | 101,709                 |
| 1991          | 1,136,754          | 850,510                              | 127,266       | 53,379       | 105,599                 |
| 1992          | 1,158,613          | 863,959                              | 131,630       | 54,439       | 108,585                 |
| 1993          | 1,172,838          | 870,348                              | 135,085       | 55,461       | 111,944                 |
| 1994          | 1,187,536          | 878,591                              | 137,713       | 56,478       | 114,754                 |
| 1995          | 1,196,854          | 881,399                              | 140,492       | 57,068       | 117,895                 |
| 1996          | 1,203,755          | 883,443                              | 141,935       | 57,688       | 120,689                 |
| 1997          | 1,211,640          | 886,711                              | 144,445       | 57,712       | 122,772                 |
| 1998          | 1,215,233          | 886,909                              | 145,833       | 57,843       | 124,648                 |
| 1999          | 1,210,300          | 878,906                              | 146,970       | 58,264       | 126,160                 |
| 2000          | 1,213,519          | 876,629                              | 149,244       | 58,568       | 129,078                 |
| 2001          | 1,225,948          | 882,755                              | 151,690       | 59,075       | 132,428                 |
| 2002          | 1,239,613          | 890,473                              | 154,576       | 59,981       | 134,583                 |
| 2003          | 1,251,154          | 894,311                              | 158,442       | 60,805       | 137,596                 |
| 2004          | 1,273,569          | 907,997                              | 162,852       | 62,095       | 140,625                 |
| 2005          | 1,292,729          | 918,181                              | 168,237       | 62,863       | 143,448                 |
| 2006          | 1,309,731          | 926,954                              | 173,536       | 63,465       | 145,776                 |
| 2007          | 1,315,675          | 925,335                              | 177,733       | 64,490       | 148,117                 |
| 2008          | 1,332,213          | 933,680                              | 181,506       | 65,603       | 151,424                 |
| 2009          | 1,346,717          | 943,177                              | 183,629       | 66,518       | 153,393                 |
| 2010 1/       | 1,363,950          | 956,336                              | 185,325       | 67,217       | 155,072                 |
| 2011 1/       | 1,378,251          | 966,559                              | 187,039       | 67,799       | 156,854                 |
| 2012 1/       | 1,392,766          | 976,746                              | 188,946       | 68,553       | 158,521                 |
| 2013 1/       | 1,408,987          | 987,019                              | 191,409       | 69,679       | 160,880                 |
| 2014          | 1,419,561          | 991,788                              | 194,190       | 70,475       | 163,108                 |

Continued on next page.



**Table 13.12-- PERSONAL INCOME, TOTAL AND PER CAPITA, AND  
POPULATION BY COUNTY: 1969 TO 2014-- Con.**

| <b>Year</b>             | <b>State total</b> | <b>City &amp; County of Honolulu</b> | <b>Hawaii</b> | <b>Kauai</b> | <b>Maui and Kalawao</b> |
|-------------------------|--------------------|--------------------------------------|---------------|--------------|-------------------------|
| Per capita (dollars) 3/ |                    |                                      |               |              |                         |
| 1969                    | 4,908              | 5,196                                | 3,610         | 3,725        | 3,693                   |
| 1970                    | 5,544              | 5,833                                | 4,249         | 4,093        | 4,341                   |
| 1971                    | 5,798              | 6,209                                | 4,131         | 4,056        | 4,255                   |
| 1972                    | 6,177              | 6,516                                | 4,795         | 4,512        | 4,709                   |
| 1973                    | 6,645              | 7,009                                | 5,106         | 4,947        | 5,098                   |
| 1974                    | 7,418              | 7,562                                | 6,896         | 6,741        | 6,667                   |
| 1975                    | 7,926              | 8,243                                | 6,586         | 6,356        | 6,720                   |
| 1976 1/                 | 8,364              | 8,760                                | 6,618         | 6,549        | 7,031                   |
| 1977 1/                 | 8,818              | 9,204                                | 7,089         | 7,056        | 7,566                   |
| 1978 1/                 | 9,650              | 10,134                               | 7,626         | 7,504        | 8,048                   |
| 1979 1/                 | 10,579             | 11,121                               | 8,354         | 8,263        | 8,821                   |
| 1980 1/                 | 11,843             | 12,313                               | 10,043        | 9,930        | 10,222                  |
| 1981 1/                 | 12,667             | 13,394                               | 9,802         | 9,915        | 10,354                  |
| 1982 1/                 | 13,159             | 13,947                               | 10,005        | 10,362       | 10,781                  |
| 1983 1/                 | 14,239             | 15,000                               | 11,087        | 11,411       | 12,218                  |
| 1984 1/                 | 15,034             | 15,973                               | 11,277        | 11,592       | 12,506                  |
| 1985 1/                 | 15,825             | 16,849                               | 11,593        | 12,308       | 13,246                  |
| 1986 1/                 | 16,608             | 17,654                               | 12,351        | 13,000       | 14,076                  |
| 1987 1/                 | 17,439             | 18,611                               | 12,770        | 13,411       | 14,706                  |
| 1988 1/                 | 18,949             | 20,193                               | 13,818        | 15,518       | 15,999                  |
| 1989 1/                 | 20,890             | 22,163                               | 15,561        | 17,613       | 18,060                  |
| 1990 1/                 | 22,390             | 23,855                               | 16,603        | 18,536       | 19,190                  |
| 1991 1/                 | 23,194             | 24,759                               | 17,223        | 19,525       | 19,648                  |
| 1992 1/                 | 24,533             | 26,232                               | 17,704        | 20,744       | 21,200                  |
| 1993 1/                 | 25,129             | 26,872                               | 18,200        | 21,319       | 21,827                  |
| 1994 1/                 | 25,365             | 27,122                               | 18,508        | 21,380       | 22,099                  |
| 1995 1/                 | 25,715             | 27,548                               | 18,669        | 22,082       | 22,159                  |
| 1996 1/                 | 25,575             | 27,398                               | 18,902        | 21,767       | 21,898                  |
| 1997 1/                 | 26,239             | 28,216                               | 19,108        | 22,146       | 22,270                  |
| 1998 1/                 | 26,560             | 28,442                               | 19,930        | 22,453       | 22,828                  |
| 1999 1/                 | 27,475             | 29,373                               | 20,676        | 23,122       | 24,183                  |
| 2000 1/                 | 28,931             | 30,967                               | 21,878        | 24,611       | 25,217                  |
| 2001 1/                 | 29,648             | 31,676                               | 22,955        | 25,115       | 25,819                  |
| 2002 1/                 | 30,693             | 32,739                               | 24,015        | 26,085       | 26,876                  |
| 2003 1/                 | 31,850             | 34,120                               | 24,628        | 26,948       | 27,576                  |
| 2004 1/                 | 33,830             | 36,169                               | 26,267        | 28,975       | 29,630                  |
| 2005 1/                 | 35,669             | 38,084                               | 27,931        | 30,744       | 31,446                  |
| 2006 1/                 | 37,883             | 40,438                               | 29,385        | 32,860       | 33,941                  |
| 2007 1/                 | 40,024             | 42,836                               | 30,908        | 34,964       | 35,600                  |
| 2008 1/                 | 41,643             | 44,693                               | 32,231        | 36,112       | 36,517                  |
| 2009 1/                 | 41,093             | 44,670                               | 30,705        | 34,788       | 34,269                  |
| 2010 1/                 | 41,594             | 45,150                               | 31,062        | 35,244       | 35,006                  |
| 2011 1/                 | 42,938             | 46,620                               | 31,898        | 36,506       | 36,194                  |
| 2012 1/                 | 44,504             | 48,165                               | 33,219        | 37,936       | 38,240                  |
| 2013 1/                 | 44,314             | 47,877                               | 33,567        | 38,323       | 37,831                  |
| 2014                    | 46,034             | 49,722                               | 34,870        | 40,163       | 39,439                  |

Continued on next page.

**Table 13.12-- PERSONAL INCOME, TOTAL AND PER CAPITA, AND  
POPULATION BY COUNTY: 1969 TO 2014-- Con.**

1/ Revised from previous *Data Book*.

2/ Census Bureau midyear population estimates. Estimates for 2010-2014 reflect county population estimates available as of March 2015.

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

Source: U.S. Bureau of Economic Analysis, Interactive Data Local Area Personal Income and Employment, "CA1 Personal Income Summary: Personal Income, Population, Per Capita Personal Income" <<http://www.bea.gov/iTable/iTable.cfm?ReqID=70&step=1&isuri=1&acrdrn=5>> accessed November 19, 2015. See also "Local Area Personal Income: 2014" <[http://www.bea.gov/newsreleases/regional/lapi/lapi\\_newsrelease.htm](http://www.bea.gov/newsreleases/regional/lapi/lapi_newsrelease.htm)> (November 19, 2015)

**Table 13.13-- PERFORMANCE RANKINGS FOR METROPOLITAN STATISTICAL AREAS, URBAN HONOLULU AND SAN JOSE-SUNNYVALE-SANTA CLARA, CALIFORNIA: 2014 AND 2015**

[Top performer in 2015, San Jose-Sunnyvale-Santa Clara, California = 1]

| Category and location 1/   | 2014                 |      | 2015                 |      |
|--|----------------------|------|----------------------|------|
|  | Period               | Rank | Period               | Rank |
| Urban Honolulu   |                      |      |                      |      |
| Overall  | 2014                 | 99   | 2015                 | 119  |
| Job growth (5-year)  | 2008 to 2013         | 66   | 2009 to 2014         | 96   |
| Job growth (1-year)  | 2012 to 2013         | 93   | 2013 to 2014         | 148  |
| Wage growth (5-year)   | 2007 to 2012         | 59   | 2008 to 2013         | 64   |
| Wage growth (1-year)   | 2011 to 2012         | 97   | 2012 to 2013         | 107  |
| Short-term job growth  | August: 2013 to 2014 | 115  | August: 2014 to 2015 | 54   |
| High tech GDP growth (5-year)  | 2008 to 2013         | 118  | 2009 to 2014         | 135  |
| High tech GDP growth (1-year)  | 2012 to 2013         | 131  | 2013 to 2014         | 156  |
| High-tech GDP concentration 2/                                       | 2013                 | 168  | 2014                 | 168  |
| Number of high-tech GDP industries with location quotients over 1 2/ | 2013                 | 187  | 2014                 | 175  |
| San Jose-Sunnyvale-Santa Clara, CA                                   |                      |      |                      |      |
| Overall  | 2014                 | 4    | 2015                 | 1    |
| Job growth (5-year)  | 2008 to 2013         | 19   | 2009 to 2014         | 7    |
| Job growth (1-year)  | 2012 to 2013         | 4    | 2013 to 2014         | 7    |
| Wage growth (5-year)   | 2007 to 2012         | 18   | 2008 to 2013         | 2    |
| Wage growth (1-year)   | 2011 to 2012         | 34   | 2012 to 2013         | 4    |
| Short-term job growth  | August: 2013 to 2014 | 26   | August: 2014 to 2015 | 2    |
| High tech GDP growth (5-year)  | 2008 to 2013         | 16   | 2009 to 2014         | 4    |
| High tech GDP growth (1-year)  | 2012 to 2013         | 51   | 2013 to 2014         | 14   |
| High-tech GDP concentration 2/                                       | 2013                 | 1    | 2014                 | 1    |
| Number of high-tech GDP industries with location quotients over 1 2/ | 2013                 | 3    | 2014                 | 1    |

1/ San Francisco-Redwood City-South San Francisco, California was shown in this table in *2014 Data Book* as ranking #1, achieved an overall rank of 2 in 2015.

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: 2015, Where America's Jobs Are Created and Sustained* (December 2015) <<http://www.best-cities.org/2015/best-performing-cities-report-2015.pdf>> accessed December 16, 2015. See also San Jose-Sunnyvale-Santa Clara, CA as #2 for 2014 <<http://www.best-cities.org/2014/best-performing-cities-report-2014.pdf>> accessed January 12, 2015.

**Table 13.14-- THE NEW ECONOMY INDEX, RANK AND SCORE FOR THE 50 STATES: 2002 TO 2014**

[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]

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

Continued on next page.

**Table 13.14-- THE NEW ECONOMY INDEX, RANK AND SCORE FOR THE 50 STATES: 2002 TO 2014 -- Con.**

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

Source: The Information Technology & Innovation Foundation <<http://www.itif.org/>> *The State New Economy Index: 2002*; <<http://www.itif.org/files/2002-new-state-econ-index.pdf>>; Ibid. 2007 <[http://www.itif.org/files/2007\\_State\\_New\\_Economy\\_Index.pdf](http://www.itif.org/files/2007_State_New_Economy_Index.pdf)>; Ibid. 2008 <[http://www.itif.org/files/2008\\_State\\_New\\_Economy\\_Index.pdf](http://www.itif.org/files/2008_State_New_Economy_Index.pdf)>; Ibid. 2010 <<http://www.itif.org/files/2010-state-new-economy-index.pdf>> and Ibid. 2012 <<http://www2.itif.org/2012-state-new-economy-index.pdf>> accessed January 11, 2013; and Ibid 2014 <<http://www.itif.org/publications/2014-state-new-economy-index>> June 19, 2014.

**Table 13.15-- THE NEW ECONOMY INDEX, RANK: 2010 TO 2014**

[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 26 indicators to measure the extent to which they do. Rank of 1 indicates most favorable]

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

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

**Table 13.16-- ECONOMIC ESTIMATES AND PROJECTIONS FOR THE  
STATE AND BY COUNTY: 2010 TO 2040**

[In millions of 2005 dollars. See Section 1 for population and Section 12 for jobs projections  
from the same source]

| Year        | Gross domestic product | Personal income       |                 |                              |                 |                              |
|-------------|------------------------|-----------------------|-----------------|------------------------------|-----------------|------------------------------|
|             |                        | Total personal income | Labor income 1/ | Dividends, interest and rent | Transfer income | Contrib. for gov't insurance |
| State total |                        |                       |                 |                              |                 |                              |
| 2010 2/     | 59,329                 | 47,838                | 34,952          | 9,047                        | 7,623           | 3,785                        |
| 2015        | 65,400                 | 53,090                | 37,880          | 9,770                        | 9,490           | 4,040                        |
| 2020        | 71,500                 | 58,330                | 40,830          | 10,640                       | 11,220          | 4,350                        |
| 2025        | 77,700                 | 63,720                | 43,660          | 11,590                       | 13,130          | 4,650                        |
| 2030        | 84,100                 | 69,100                | 46,460          | 12,590                       | 14,990          | 4,940                        |
| 2035        | 90,600                 | 74,270                | 49,180          | 13,590                       | 16,720          | 5,230                        |
| 2040        | 97,200                 | 79,170                | 51,850          | 14,590                       | 18,240          | 5,510                        |
| Honolulu    |                        |                       |                 |                              |                 |                              |
| 2010 2/     | (NA)                   | 36,140                | 27,520          | 6,470                        | 5,130           | 2,980                        |
| 2015        | (NA)                   | 39,720                | 29,770          | 6,870                        | 6,260           | 3,180                        |
| 2020        | (NA)                   | 43,180                | 31,980          | 7,370                        | 7,240           | 3,410                        |
| 2025        | (NA)                   | 46,730                | 34,080          | 7,910                        | 8,370           | 3,630                        |
| 2030        | (NA)                   | 50,290                | 36,120          | 8,480                        | 9,530           | 3,840                        |
| 2035        | (NA)                   | 53,700                | 38,070          | 9,060                        | 10,620          | 4,050                        |
| 2040        | (NA)                   | 56,870                | 39,950          | 9,630                        | 11,540          | 4,250                        |
| Hawaii      |                        |                       |                 |                              |                 |                              |
| 2010 2/     | (NA)                   | 5,040                 | 2,980           | 1,170                        | 1,200           | 320                          |
| 2015        | (NA)                   | 5,840                 | 3,290           | 1,320                        | 1,570           | 350                          |
| 2020        | (NA)                   | 6,700                 | 3,620           | 1,510                        | 1,960           | 390                          |
| 2025        | (NA)                   | 7,580                 | 3,950           | 1,710                        | 2,340           | 420                          |
| 2030        | (NA)                   | 8,450                 | 4,300           | 1,920                        | 2,680           | 460                          |
| 2035        | (NA)                   | 9,280                 | 4,660           | 2,140                        | 2,980           | 490                          |
| 2040        | (NA)                   | 10,120                | 5,020           | 2,370                        | 3,270           | 530                          |

Continued on next page.

**Table 13.16-- ECONOMIC ESTIMATES AND PROJECTIONS FOR THE STATE AND BY COUNTY: 2010 TO 2040 -- Con.**

| Year    | Gross domestic product | Personal income       |                 |                              |                 |                              |
|---------|------------------------|-----------------------|-----------------|------------------------------|-----------------|------------------------------|
|         |                        | Total personal income | Labor income 1/ | Dividends, interest and rent | Transfer income | Contrib. for gov't insurance |
| Maui    |                        |                       |                 |                              |                 |                              |
| 2010 2/ | (NA)                   | 4,670                 | 3,140           | 970                          | 900             | 340                          |
| 2015    | (NA)                   | 5,300                 | 3,420           | 1,090                        | 1,160           | 360                          |
| 2020    | (NA)                   | 5,950                 | 3,720           | 1,210                        | 1,410           | 400                          |
| 2025    | (NA)                   | 6,620                 | 4,020           | 1,350                        | 1,670           | 430                          |
| 2030    | (NA)                   | 7,300                 | 4,340           | 1,490                        | 1,930           | 460                          |
| 2035    | (NA)                   | 7,970                 | 4,660           | 1,630                        | 2,180           | 490                          |
| 2040    | (NA)                   | 8,620                 | 4,980           | 1,770                        | 2,400           | 530                          |
| Kauai   |                        |                       |                 |                              |                 |                              |
| 2010 2/ | (NA)                   | 2,000                 | 1,310           | 440                          | 390             | 140                          |
| 2015    | (NA)                   | 2,230                 | 1,400           | 490                          | 490             | 150                          |
| 2020    | (NA)                   | 2,510                 | 1,500           | 550                          | 610             | 160                          |
| 2025    | (NA)                   | 2,790                 | 1,600           | 620                          | 740             | 170                          |
| 2030    | (NA)                   | 3,060                 | 1,700           | 690                          | 850             | 180                          |
| 2035    | (NA)                   | 3,320                 | 1,800           | 760                          | 950             | 190                          |
| 2040    | (NA)                   | 3,560                 | 1,900           | 830                          | 1,030           | 200                          |

NA Not available.

1/ Labor income is the sum of wages and salaries, supplements to wages and salaries, and proprietors' income.

2/ Actual data for State and DBEDT estimates for counties.

Source: Hawaii Department of Business, Economic Development & Tourism, *Population and Economic Projections for the State of Hawaii to 2040* (March 2012), Table 1-5 and Appendix table A-62

<[http://hawaii.gov/dbedt/info/economic/data\\_reports/2040-long-range-forecast](http://hawaii.gov/dbedt/info/economic/data_reports/2040-long-range-forecast)> accessed April 2, 2012.



**Table 13.17-- MEDIAN INCOME OF HOUSEHOLDS, FAMILIES, UNRELATED INDIVIDUALS, AND PERSONS: 1949 TO 2014**

[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    |

NA Not available.

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

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

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

Source: U.S. Bureau of the Census, *Census of Population: 1960*, PC(1)-13C (1962), tables 66 and 67 (for 1949 data); *1970 Census of Population*, PC(1)-C13 (December 1971), table 47 (for 1959 data); *1980 Census of Population*, PC80-1-C-13 (June 1983), table 61 (for 1969 and 1979 data); *1990 Census of Population and Housing*, 1990 CP-2-13 (September 1993), table 28 (for 1989 data); U.S. Census Bureau, Census 2000, Table DP-3 Profile of Selected Economic Characteristics: 2000 (for 1999 data) <<http://www.hawaii.gov/dbedt/census2k/profile-state/index.html>> accessed July 23, 2002; U.S. Census Bureau, Census 2000 Summary File 4 (SF 4) - Sample Data, PCT133. Median Income in 1999 dollars, by sex, by work experience in 1999 for the Population 15 years and over with income; and Hawaii Department of Business, Economic Development & Tourism, Hawaii State Data Center compilations of U.S. Census Bureau American FactFinder, American Community Survey 1-Year Estimates Hawaii Geographic Area Profiles "DP03 Selected Economic Characteristics" (annual) <<http://census.hawaii.gov/acs/>> accessed June 27, 2016.

**Table 13.18-- MEDIAN INCOME OF FOUR-PERSON FAMILIES IN THE UNITED STATES AND HAWAII: 1974 TO 2014**

[Based on small samples and subject to considerable sampling variation. From surveys taken in March or April of following year. The methodology used to compute 4-person family median income by state uses the most recent data available from the March Current Population Survey (CPS), the American Community Survey and the decennial census of population conducted by the Census Bureau, as well as per capita personal income estimates produced by the Bureau of Economic Analysis. The Census Bureau recommends 2-year averages to evaluate changes in state estimates over time, and 3-year averages to compare the relative ranking of states]

| <b>Calendar year 1/</b> | <b>United States (dollars)</b> | <b>Hawaii (dollars)</b> | <b>Hawaii rank 2/</b> | <b>Hawaii as percent of U.S.</b> |
|-------------------------|--------------------------------|-------------------------|-----------------------|----------------------------------|
| 1974                    | 14,747                         | 17,069                  | 2                     | 115.7                            |
| 1975                    | 15,848                         | 18,825                  | 2                     | 118.8                            |
| 1976                    | 17,315                         | 20,113                  | 2                     | 116.2                            |
| 1977                    | 18,723                         | 21,718                  | 2                     | 116.0                            |
| 1978                    | 20,428                         | 22,475                  | 3                     | 110.0                            |
| 1979                    | 22,395                         | 24,582                  | 7                     | 109.8                            |
| 1980 3/                 | 24,332                         | 27,514                  | 4                     | 113.1                            |
| 1981                    | 26,274                         | 29,295                  | 6                     | 111.5                            |
| 1982                    | 27,619                         | 30,019                  | 9                     | 108.7                            |
| 1983                    | 29,184                         | 31,614                  | 10                    | 108.3                            |
| 1984                    | 31,097                         | 33,445                  | 11                    | 107.6                            |
| 1985                    | 32,777                         | 34,636                  | 10                    | 105.7                            |
| 1986                    | 34,716                         | 36,618                  | 11                    | 105.5                            |
| 1987                    | 36,812                         | 40,878                  | 6                     | 111.0                            |
| 1988                    | 39,051                         | 42,353                  | 8                     | 108.5                            |
| 1989                    | 40,763                         | 44,988                  | 8                     | 110.4                            |
| 1990                    | 41,451                         | 50,234                  | 6                     | 121.2                            |
| 1991                    | 43,056                         | 49,367                  | 6                     | 114.7                            |
| 1992                    | 44,251                         | 50,856                  | 5                     | 114.9                            |
| 1993                    | 45,161                         | 54,856                  | 4                     | 121.5                            |
| 1994                    | 47,012                         | 56,992                  | 5                     | 121.2                            |
| 1995 4/                 | 49,687                         | 54,749                  | 6                     | 110.2                            |
| 1996                    | 51,518                         | 57,909                  | 6                     | 112.4                            |
| 1997                    | 53,350                         | 58,474                  | 10                    | 109.6                            |
| 1998 5/                 | 56,061                         | 61,540                  | 10                    | 109.8                            |
| 1999                    | 59,981                         | 66,402                  | 7                     | 110.7                            |
| 2000                    | 62,228                         | 65,872                  | 15                    | 105.9                            |
| 2001 6/                 | 63,278                         | 66,014                  | 16                    | 104.3                            |
| 2002                    | 62,732                         | 67,564                  | 13                    | 107.7                            |
| 2003                    | 65,093                         | 71,320                  | 12                    | 109.6                            |
| 2004                    | 66,111                         | 73,477                  | 10                    | 111.1                            |
| 2005                    | 67,019                         | 79,240                  | 6                     | 118.2                            |

Continued on next page.

**Table 13.18-- MEDIAN INCOME OF FOUR-PERSON FAMILIES IN THE UNITED STATES AND HAWAII: 1974 TO 2014 -- Con.**

| <b>Calendar year 1/</b> | <b>United States (dollars)</b> | <b>Hawaii (dollars)</b> | <b>Hawaii rank 2/</b> | <b>Hawaii as percent of U.S.</b> |
|-------------------------|--------------------------------|-------------------------|-----------------------|----------------------------------|
| 2006                    | 70,354                         | 84,472                  | 6                     | 120.1                            |
| 2007                    | 72,336                         | 84,438                  | 6                     | 116.7                            |
| 2008                    | 75,782                         | 91,483                  | 6                     | 120.7                            |
| 2009                    | 73,714                         | 85,190                  | 8                     | 115.6                            |
| 2010                    | 72,767                         | 82,726                  | 11                    | 113.7                            |
| 2011                    | 74,563                         | 82,973                  | 13                    | 111.3                            |
| 2012                    | 76,049                         | 83,538                  | 15                    | 109.8                            |
| 2013                    | 77,953                         | 88,217                  | 11                    | 113.2                            |
| 2014                    | 80,545                         | 91,096                  | 10                    | 113.1                            |

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

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

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

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

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

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

Source: U.S. Census Bureau, Median Income for 4-Person Families, By State, 1974-2003 (FY 1977-2006) <<http://www.census.gov/hhes/income/4person.html>> accessed April 25, 2005; and *Federal Register*: February 28, 2006 (Volume 71, Number 39), pp. 10037-10039 <<http://www.gpoaccess.gov/fr/index.html>> accessed April 25, 2006; *Federal Register*: March 28, 2007 (Volume 72, Number 59) pp. 14579-14581 <<http://www.gpoaccess.gov/fr/index.html>> accessed April 26, 2007; *Federal Register*: March 5, 2008 (Volume 73, Number 44), pp. 11924-11926 <<http://www.gpoaccess.gov/fr/index.html>> accessed March 31, 2008; *Federal Register*: March 13, 2009 (Volume 74, Number 48), pp. 10922-10924 <<http://www.gpoaccess.gov/fr/index.html>> accessed April 2, 2009; U.S. Census Bureau, American Factfinder "American Community Survey 1-Year Estimates, Table B19119. Median Family Income In The Past 12 Months (In Inflation-Adjusted Dollars) By Family Size" (annual) <<http://factfinder.census.gov/faces/nav/jsf/pages/searchresults.xhtml?refresh=t>> accessed December 28, 2015 and calculations by Hawaii State Department of Business, Economic Development & Tourism.

**Table 13.19 -- MEDIAN MONEY INCOME OF HOUSEHOLDS, FOR THE UNITED STATES AND HAWAII, IN CURRENT AND CONSTANT 2014 DOLLARS: 1984 TO 2014**

[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 2014 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 |                |                |                  |                |                |
|----------|----------------------------------|----------------|----------------|------------------|----------------|----------------|
|          | United States                    |                |                | Hawaii           |                |                |
|          | Amount (dollars)                 | Percent change | Standard error | Amount (dollars) | Percent change | Standard error |
| 1984 1/  | 22,415                           | (NA)           | 102            | 28,877           | (NA)           | 1,216          |
| 1985 2/  | 23,618                           | 5.4            | 128            | 28,961           | 0.3            | 1,446          |
| 1986     | 24,897                           | 5.4            | 129            | 29,003           | 0.1            | 1,206          |
| 1987 3/  | 26,061                           | 4.7            | 127            | 35,022           | 20.8           | 1,074          |
| 1988     | 27,225                           | 4.5            | 139            | 33,024           | -5.7           | 1,482          |
| 1989     | 28,906                           | 6.2            | 159            | 35,035           | 6.1            | 1,328          |
| 1990     | 29,943                           | 3.6            | 153            | 38,921           | 11.1           | 1,414          |
| 1991     | 30,126                           | 0.6            | 144            | 37,246           | -4.3           | 1,630          |
| 1992 4/  | 30,636                           | 1.7            | 145            | 42,113           | 13.1           | 1,435          |
| 1993 5/  | 31,241                           | 2.0            | 146            | 42,662           | 1.3            | 1,759          |
| 1994 6/  | 32,264                           | 3.3            | 147            | 42,255           | -1.0           | 2,423          |
| 1995 7/  | 34,076                           | 5.6            | 197            | 42,851           | 1.4            | 1,292          |
| 1996     | 35,492                           | 4.2            | 179            | 41,772           | -2.5           | 1,893          |
| 1997     | 37,005                           | 4.3            | 171            | 40,934           | -2.0           | 1,399          |
| 1998     | 38,885                           | 5.1            | 230            | 40,827           | -0.3           | 2,369          |
| 1999 8/  | 40,696                           | 4.7            | 190            | 44,504           | 9.0            | 1,832          |
| 2000 9/  | 41,990                           | 3.2            | 132            | 51,546           | 15.8           | 1,193          |
| 2001     | 42,228                           | 0.6            | 129            | 47,439           | -8.0           | 1,256          |
| 2002     | 42,409                           | 0.4            | 139            | 47,303           | -0.3           | 1,371          |
| 2003     | 43,318                           | 2.1            | 188            | 51,834           | 9.6            | 1,332          |
| 2004 10/ | 44,334                           | 2.3            | 196            | 56,242           | 8.5            | 1,690          |
| 2005     | 46,326                           | 4.5            | 155            | 59,586           | 5.9            | 1,212          |
| 2006     | 48,201                           | 4.0            | 207            | 60,470           | 1.5            | 1,571          |
| 2007     | 50,233                           | 4.2            | 140            | 64,022           | 5.9            | 2,125          |
| 2008     | 50,303                           | 0.1            | 137            | 61,521           | -3.9           | 1,481          |
| 2009 11/ | 49,777                           | -1.0           | 213            | 55,649           | -9.5           | 2,023          |
| 2010 12/ | 49,276                           | -1.0           | 325            | 59,539           | 7.0            | 2,731          |
| 2011     | 50,054                           | 1.6            | 251            | 59,047           | -0.8           | 2,531          |
| 2012     | 51,017                           | 1.9            | 209            | 56,263           | -4.7           | 2,255          |
| 2013 13/ | 53,585                           | 5.0            | 654            | 64,235           | 14.2           | 3,918          |
| 2013 14/ | 51,939                           | 1.8            | 276            | 61,408           | 9.1            | 2,207          |
| 2014     | 53,657                           | 3.3            | 392            | 71,223           | 16.0           | 2,676          |

Continued on next page.

**Table 13.19 -- MEDIAN MONEY INCOME OF HOUSEHOLDS, FOR THE UNITED STATES AND HAWAII, IN CURRENT AND CONSTANT 2014 DOLLARS: 1984 TO 2014 -- Con.**

| Year     | Median income in constant (2014) dollars |                |                |                  |                |                |
|----------|--|----------------|----------------|------------------|----------------|----------------|
|          | United States                            |                |                | Hawaii           |                |                |
|          | Amount (dollars)                         | Percent change | Standard error | Amount (dollars) | Percent change | Standard error |
| 1984 1/  | 48,664                                   | (NA)           | 221            | 62,693           | (NA)           | 2,640          |
| 1985 2/  | 49,574                                   | 1.9            | 269            | 60,788           | -3.0           | 3,035          |
| 1986     | 51,329                                   | 3.5            | 266            | 59,794           | -1.6           | 2,486          |
| 1987 3/  | 51,973                                   | 1.3            | 253            | 69,843           | 16.8           | 2,142          |
| 1988     | 52,372                                   | 0.8            | 267            | 63,527           | -9.0           | 2,851          |
| 1989     | 53,306                                   | 1.8            | 293            | 64,609           | 1.7            | 2,449          |
| 1990     | 52,623                                   | -1.3           | 269            | 68,402           | 5.9            | 2,485          |
| 1991     | 51,086                                   | -2.9           | 244            | 63,160           | -7.7           | 2,764          |
| 1992 4/  | 50,667                                   | -0.8           | 240            | 69,648           | 10.3           | 2,373          |
| 1993 5/  | 50,421                                   | -0.5           | 236            | 68,853           | -1.1           | 2,839          |
| 1994 6/  | 51,006                                   | 1.2            | 232            | 66,801           | -3.0           | 3,831          |
| 1995 7/  | 52,604                                   | 3.1            | 304            | 66,150           | -1.0           | 1,994          |
| 1996     | 53,345                                   | 1.4            | 269            | 62,784           | -5.1           | 2,845          |
| 1997     | 54,443                                   | 2.1            | 252            | 60,224           | -4.1           | 2,058          |
| 1998     | 56,445                                   | 3.7            | 334            | 59,264           | -1.6           | 3,439          |
| 1999 8/  | 57,843                                   | 2.5            | 270            | 63,255           | 6.7            | 2,604          |
| 2000 9/  | 57,724                                   | -0.2           | 181            | 70,860           | 12.0           | 1,640          |
| 2001     | 56,466                                   | -2.2           | 172            | 63,434           | -10.5          | 1,679          |
| 2002     | 55,807                                   | -1.2           | 183            | 62,247           | -1.9           | 1,804          |
| 2003     | 55,759                                   | -0.1           | 242            | 66,720           | 7.2            | 1,715          |
| 2004 10/ | 55,565                                   | -0.3           | 246            | 70,490           | 5.7            | 2,118          |
| 2005     | 56,160                                   | 1.1            | 188            | 72,234           | 2.5            | 1,469          |
| 2006     | 56,598                                   | 0.8            | 243            | 71,004           | -1.7           | 1,845          |
| 2007     | 57,357                                   | 1.3            | 160            | 73,102           | 3.0            | 2,426          |
| 2008     | 55,313                                   | -3.6           | 151            | 67,648           | -7.5           | 1,628          |
| 2009 11/ | 54,925                                   | -0.7           | 235            | 61,405           | -9.2           | 2,232          |
| 2010 12/ | 53,507                                   | -2.6           | 353            | 64,651           | 5.3            | 2,966          |
| 2011     | 52,690                                   | -1.5           | 264            | 62,157           | -3.9           | 2,664          |
| 2012     | 52,605                                   | -0.2           | 216            | 58,014           | -6.7           | 2,325          |
| 2013 13/ | 52,789                                   | 0.3            | 281            | 62,413           | 7.6            | 2,243          |
| 2013 14/ | 54,462                                   | 3.5            | 665            | 65,286           | 12.5           | 3,982          |
| 2014     | 53,657                                   | -1.5           | 392            | 71,223           | 9.1            | 2,676          |

Continued on next page.

**Table 13.19 -- MEDIAN MONEY INCOME OF HOUSEHOLDS, FOR THE UNITED STATES AND HAWAII, IN CURRENT AND CONSTANT 2014 DOLLARS: 1984 TO 2014 -- Con.**

NA Not available.

1/ Data reflect implementation of Hispanic population weighting controls and introduction of 1980 census-based sample design.

2/ Recording of amounts for earnings from longest job were increased to \$299,999. Data reflect full implementation of 1980 census-based sample design.

3/ Data reflect implementation of a new March CPS processing system.

4/ Data reflect implementation of 1990 census population controls.

5/ Data collection method changed from paper and pencil to computer-assisted interviewing. In addition, the March 1994 income supplement was revised to allow for the coding of different income amounts on selected questionnaire items. See source for specifics.

6/ Data reflect introduction of 1990 census-based sample design.

7/ Data reflect full implementation of the 1990 census-based sample design and metropolitan definitions, 7,000 household sample reduction, and revised race edits.

8/ Implementation of Census 2000-based population controls.

9/ Implementation of a 28,000 household sample expansion.

10/ Data had been revised to reflect a correction to the weights in the 2005 Annual Social and Economic Supplement (ASEC) to the Current Population Survey.

11/ Beginning with 2009 income data, the Census Bureau expanded the upper income interval used to calculate medians and Gini indexes to \$250,000 or more.

12/ Implementation of Census 2010-based population controls.

13/ Based on the original 2013 CPS ASEC designed questions for income and health insurance coverage.

14/ Based on the 2014 CPS ASEC with redesigned questions for income and health insurance coverage.

Source: U.S. Census Bureau, Historical Income Tables - Households, Table H-8. Median Household Income by State: 1984 to 2014 <<http://www.census.gov/hhes/www/income/data/historical/household/2014/h08.xls>> accessed October 27, 2015; and calculations by Hawaii Department of Business, Economic Development & Tourism.

**Table 13.20- MEDIAN MONEY INCOME OF HOUSEHOLDS, FOR THE UNITED STATES AND HAWAII, 2-YEAR MOVING AVERAGES IN CONSTANT 2013 DOLLARS: 1984 TO 2013**

[Based on small samples and subject to considerable sampling variation. Surveys conducted in March or April of following year. Median income in 2013 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 1/ |                |                |                  |                |                |
|-------------------|--|----------------|----------------|------------------|----------------|----------------|
|                   | United States                            |                |                | Hawaii           |                |                |
|                   | Income (dollars)                         | Percent change | Standard error | Income (dollars) | Percent change | Standard error |
| 1984 2/-1985 3/   | 48,314                                   | (NA)           | 198            | 60,729           | (NA)           | 2,296          |
| 1985 3/-1986      | 49,624                                   | 2.7            | 216            | 59,303           | -2.3           | 2,236          |
| 1986-1987 4/      | 50,804                                   | 2.4            | 210            | 63,756           | 7.5            | 1,873          |
| 1987 4/-1988      | 51,317                                   | 1.0            | 210            | 65,592           | 2.9            | 2,027          |
| 1988-1989         | 51,973                                   | 1.3            | 227            | 63,018           | -3.9           | 2,144          |
| 1989-1990         | 52,084                                   | 0.2            | 227            | 65,398           | 3.8            | 1,993          |
| 1990-1991         | 50,992                                   | -2.1           | 207            | 64,686           | -1.1           | 2,122          |
| 1991-1992 5/      | 50,043                                   | -1.9           | 196            | 65,316           | 1.0            | 2,079          |
| 1992 5/-1993 6/   | 49,715                                   | -0.7           | 192            | 68,115           | 4.3            | 2,110          |
| 1993 6/-1994 7/   | 49,871                                   | 0.3            | 189            | 66,701           | -2.1           | 2,708          |
| 1994 7/-1995 8/   | 50,933                                   | 2.1            | 218            | 65,357           | -2.0           | 2,408          |
| 1995 8/-1996      | 52,095                                   | 2.3            | 232            | 63,396           | -3.0           | 1,970          |
| 1996-1997         | 53,011                                   | 1.8            | 210            | 60,496           | -4.6           | 1,994          |
| 1997-1998         | 54,524                                   | 2.9            | 238            | 58,752           | -2.9           | 2,254          |
| 1998-1999 9/      | 56,196                                   | 3.1            | 245            | 60,243           | 2.5            | 2,452          |
| 1999 9/-2000 10/  | 56,847                                   | 1.2            | 184            | 65,973           | 9.5            | 1,736          |
| 2000 10/-2001     | 56,181                                   | -1.2           | 143            | 66,073           | 0.2            | 1,342          |
| 2001-2002         | 55,238                                   | -1.7           | 144            | 61,835           | -6.4           | 1,409          |
| 2002-2003         | 54,889                                   | -0.6           | 173            | 63,451           | 2.6            | 1,423          |
| 2003-2004 11/     | 54,770                                   | -0.2           | 197            | 67,506           | 6.4            | 1,553          |
| 2004 11/-2005     | 54,976                                   | 0.4            | 176            | 70,230           | 4.0            | 1,462          |
| 2005-2006         | 55,483                                   | 0.9            | 175            | 70,482           | 0.4            | 1,344          |
| 2006-2007         | 56,062                                   | 1.0            | 165            | 70,896           | 0.6            | 1,734          |
| 2007-2008         | 55,430                                   | -1.1           | 126            | 69,244           | -2.3           | 1,654          |
| 2008-2009 12/     | 54,241                                   | -2.1           | 158            | 63,498           | -8.3           | 1,570          |
| 2009 12/-2010 13/ | 53,276                                   | -1.8           | 307            | 62,108           | -2.2           | 2,424          |
| 2010 13/-2011     | 52,244                                   | -1.9           | 264            | 62,384           | 0.4            | 2,238          |
| 2011-2012         | 51,800                                   | -0.8           | 195            | 59,118           | -5.2           | 1,889          |
| 2012-2013 14/     | 51,849                                   | 0.1            | 183            | 59,244           | 0.2            | 1,614          |

Continued on next page.

**Table 13.20- MEDIAN MONEY INCOME OF HOUSEHOLDS, FOR THE UNITED STATES AND HAWAII, 2-YEAR MOVING AVERAGES IN CONSTANT 2013 DOLLARS: 1984 TO 2013 -- Con.**

NA Not available.

1/ Due to the redesign of the CPS ASEC income questions, 2013 is the last year that data are available for two-year averages. These data will not be updated until 2015 estimates are available.

2/ Data reflect implementation of Hispanic population weighting controls and introduction of 1980 census-based sample design.

3/ Recording of amounts for earnings from longest job were increased to \$299,999. Data reflect full implementation of 1980 census-based sample design.

4/ Data reflect implementation of a new March CPS processing system.

5/ Data reflect implementation of 1990 census population controls.

6/ Data collection method changed from paper and pencil to computer-assisted interviewing. In addition, the March 1994 income supplement was revised to allow for the coding of different income amounts on selected questionnaire items. Child support and alimony limits decreased to \$49,999. Limits increased in the following categories: earnings to \$999,999; social security to \$49,999; supplemental security income and public assistance income to \$24,999; and veterans' benefits to \$99,999.

7/ Data reflect introduction of 1990 census-based sample design.

8/ Data reflect full implementation of the 1990 census-based sample design and metropolitan definitions, 7,000 household sample reduction, and revised race edits.

9/ Implementation of Census 2000-based population controls.

10/ Implementation of a 28,000 household sample expansion.

11/ Data had been revised to reflect a correction to the weights in the 2005 Annual Social and Economic Supplement (ACES) to the Current Population Survey.

12/ Beginning with 2009 income data, the Census Bureau expanded the upper income interval used to calculate medians and Gini indexes to \$250,000 or more.

13/ Implementation of Census 2010-based population controls.

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

Source: U.S. Census Bureau, "Table H-8A. Median Income of Households by State: 1984 to 2013 Two-Year Moving Averages" <<http://www.census.gov/hhes/www/income/data/historical/household/2013/h08A.xls>> accessed January 15, 2015.



**Table 13.21- MEDIAN MONEY INCOME OF HOUSEHOLDS, FOR THE UNITED STATES AND HAWAII, 3-YEAR MOVING AVERAGES IN CONSTANT 2013 DOLLARS: 1984 TO 2013**

[Based on small samples and subject to considerable sampling variation. From surveys conducted in March or April of following year. Median income in 2013 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 1/ |                |                 |
|--------------|--|----------------|-----------------|
|              | United States (dollars)                  | Standard error | Rank between 2/ |
| 1984-1986    | 49,038                                   | 175            | 22 & 23         |
| 1985-1987    | 50,123                                   | 181            | 23 & 24         |
| 1986-1988    | 51,041                                   | 180            | 24 & 25         |
| 1987-1989    | 51,689                                   | 187            | 22 & 23         |
| 1988-1990    | 51,894                                   | 191            | 21 & 22         |
| 1989-1991    | 51,472                                   | 185            | 20 & 21         |
| 1990-1992    | 50,607                                   | 172            | 23 & 24         |
| 1991-1993    | 49,893                                   | 165            | 23 & 24         |
| 1992-1994    | 49,859                                   | 162            | 23 & 24         |
| 1993-1995    | 50,487                                   | 176            | 22 & 23         |
| 1994-1996    | 51,446                                   | 187            | 22 & 23         |
| 1995-1997    | 52,580                                   | 189            | 22 & 23         |
| 1996-1998    | 53,840                                   | 195            | 22 & 23         |
| 1997-1999 2/ | 55,314                                   | 199            | 22 & 23         |
| 1998-2000 3/ | 56,397                                   | 184            | 21 & 22         |
| 1999-2001 3/ | 56,419                                   | 144            | 20 & 21         |
| 2000-2002 3/ | 55,759                                   | 123            | 24 & 25         |
| 2001-2003    | 55,114                                   | 137            | 24 & 25         |
| 2002-2004 4/ | 54,818                                   | 156            | 20 & 21         |
| 2003-2005 4/ | 54,939                                   | 157            | 21 & 22         |
| 2004-2006 4/ | 55,214                                   | 154            | 22 & 23         |
| 2005-2007    | 55,801                                   | 139            | 20 & 21         |
| 2006-2008    | 55,516                                   | 128            | 22 & 23         |
| 2007-2009    | 54,973                                   | 125            | 22 & 23         |
| 2008-2010    | 53,770                                   | 144            | 26 & 27         |
| 2009-2011 5/ | 52,798                                   | 256            | 26 & 27         |
| 2010-2012    | 52,082                                   | 214            | 24 & 25         |
| 2011-2013 6/ | 51,847                                   | 171            | 26 & 27         |

Continued on next page.

**Table 13.21- MEDIAN MONEY INCOME OF HOUSEHOLDS, FOR THE UNITED STATES AND HAWAII, 3-YEAR MOVING AVERAGES IN CONSTANT 2013 DOLLARS: 1984 TO 2013-- Con.**

| Year         | Median income, 3-year moving averages 1/ |                |         |
|--------------|--|----------------|---------|
|              | Hawaii (dollars)                         | Standard error | Rank 2/ |
| 1984-1986    | 60,091                                   | 1,891          | 5       |
| 1985-1987    | 62,435                                   | 1,765          | 5       |
| 1986-1988    | 63,333                                   | 1,700          | 6       |
| 1987-1989    | 64,911                                   | 1,731          | 5       |
| 1988-1990    | 64,428                                   | 1,779          | 6       |
| 1989-1991    | 64,307                                   | 1,762          | 6       |
| 1990-1992    | 65,959                                   | 1,761          | 3       |
| 1991-1993    | 66,119                                   | 1,815          | 3       |
| 1992-1994    | 67,303                                   | 2,091          | 2       |
| 1993-1995    | 66,146                                   | 2,064          | 2       |
| 1994-1996    | 64,156                                   | 1,968          | 3       |
| 1995-1997    | 62,010                                   | 1,619          | 5       |
| 1996-1998    | 59,753                                   | 1,889          | 14      |
| 1997-1999 3/ | 59,908                                   | 1,913          | 16      |
| 1998-2000 4/ | 63,404                                   | 1,812          | 10      |
| 1999-2001 4/ | 64,788                                   | 1,360          | 9       |
| 2000-2002 4/ | 64,465                                   | 1,174          | 10      |
| 2001-2003    | 63,107                                   | 1,196          | 11      |
| 2002-2004 5/ | 65,420                                   | 1,287          | 8       |
| 2003-2005 5/ | 68,704                                   | 1,241          | 4       |
| 2004-2006 5/ | 70,108                                   | 1,233          | 3       |
| 2005-2007    | 70,964                                   | 1,332          | 4       |
| 2006-2008    | 69,451                                   | 1,385          | 5       |
| 2007-2009    | 66,308                                   | 1,423          | 7       |
| 2008-2010    | 63,168                                   | 1,415          | 10      |
| 2009-2011 6/ | 61,791                                   | 2,073          | 9       |
| 2010-2012    | 60,616                                   | 1,846          | 11      |
| 2011-2013 7/ | 59,882                                   | 1,445          | 12      |

1/ Due to the redesign of the CPS ASEC income questions, 2013 is the last year that data are available for three-year averages. These data will not be updated until 2016 estimates are available.

2/ 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.

3/ Implementation of Census 2000-based population controls.

4/ Implementation of a 28,000 household sample expansion.

5/ Data had been revised to reflect a correction to the weights in the 2005 Annual Social and Economic Supplement (ASEC) to the Current Population Survey.

6/ Implementation of Census 2010-based population controls.

7/ 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 2013 Three-Moving Averages" <<http://www.census.gov/hhes/www/income/data/historical/household/2013/h08B.xls>> accessed January 15, 2015; 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): 2010-2014**

[Economic characteristics not available from the Census 2010. Average of the 5-year period]

| Geographic area | Median income (dollars) 1/ |          | Percent below poverty level 2/ |          |
|-----------------|----------------------------|----------|--------------------------------|----------|
|                 | Households                 | Families | Persons                        | Families |
| State           | 68,201                     | 80,371   | 11.3                           | 7.8      |
| County: Hawaii  | 51,213                     | 60,114   | 19.2                           | 14.0     |
| Honolulu        | 73,581                     | 85,837   | 9.8                            | 6.6      |
| Kalawao         | 61,250                     | 98,125   | 17.6                           | 0.0      |
| Kauai           | 62,946                     | 74,076   | 11.7                           | 8.0      |
| Maui            | 64,567                     | 75,414   | 11.4                           | 8.0      |
| CDP: Hilo       | 52,563                     | 68,268   | 18.2                           | 13.0     |
| East Honolulu   | 111,582                    | 120,955  | 3.5                            | 2.5      |
| Kailua (Oahu)   | 104,911                    | 113,239  | 5.8                            | 3.7      |
| Kaneohe         | 81,907                     | 88,832   | 6.9                            | 4.1      |
| Pearl City      | 82,895                     | 94,722   | 6.1                            | 4.6      |
| Urban Honolulu  | 60,548                     | 75,288   | 12.0                           | 7.7      |
| Waipahu         | 68,352                     | 73,112   | 14.1                           | 11.6     |
| Kahului         | 62,038                     | 70,652   | 12.4                           | 9.2      |
| Lihue           | 59,214                     | 69,031   | 17.8                           | 15.7     |

1/ Inflation- adjusted 2014 dollars for 2010-2014.

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

Source: U.S. Census Bureau, 2010-2014 American Community Survey 5-Year Estimates extracted by Hawaii State Department of Business, Economic Development & Tourism, Hawaii State Data Center American Community Survey 2014 5-Year Estimates, Data Profiles by Hawaii Geographic Area, State of Hawaii, County: Honolulu, Hawaii, Kauai, Maui, Kalawao, and Census Designated Places: Honolulu County and Neighbor Islands "DP03: Selected Economic Characteristics" <<http://census.hawaii.gov/acs/acs-2014/>> accessed March 23, 2016.

**Table 13.23-- ESTIMATED MEDIAN HOUSEHOLD INCOME AND POVERTY STATUS, BY COUNTY: 2013 AND 2014**

[Beginning with the estimates for 2005, data from the American Community Survey (ACS) were used in the estimation procedure; all prior years used data from the Annual Social and Economic Supplements (ASEC) of the Current Population Survey (CPS). Comparisons between 2005-and-beyond Small Area Income and Poverty Estimates (SAIPE) estimates (based on ACS data) and SAIPE estimates for previous years (based on CPS ASEC data) are not advised because there is a break in the time-series due to the switch from one source to the other. Comparisons of pre-2005 state-level estimates are possible; and 2005-and-beyond estimates will be comparable. For detailed discussion, see source]

| Item        | Median household income |                       | Persons in poverty 1/ |                       |         |                       | Persons under 18 in poverty |                       |         |                       |
|-------------|-------------------------|-----------------------|-----------------------|-----------------------|---------|-----------------------|-----------------------------|-----------------------|---------|-----------------------|
|             | Dollars                 | 90% conf. interval 2/ | Number                | 90% conf. interval 2/ | Percent | 90% conf. interval 2/ | Number                      | 90% conf. interval 2/ | Percent | 90% conf. interval 2/ |
| 2013        |                         |                       |                       |                       |         |                       |                             |                       |         |                       |
| State total | 67,798                  | 66,428 to 69,168      | 153,375               | 146,661 to 160,089    | 11.2    | 10.7 to 11.7          | 43,574                      | 40,054 to 47,094      | 14.4    | 13.2 to 15.6          |
| County      |                         |                       |                       |                       |         |                       |                             |                       |         |                       |
| Hawaii      | 47,377                  | 43,831 to 50,923      | 36,553                | 31,483 to 41,623      | 19.5    | 16.8 to 22.2          | 10,712                      | 8,542 to 12,882       | 25.8    | 20.6 to 31.0          |
| Honolulu    | 72,649                  | 71,213 to 74,085      | 91,757                | 84,180 to 99,334      | 9.6     | 8.8 to 10.4           | 25,612                      | 22,176 to 29,048      | 12.2    | 10.6 to 13.8          |
| Kalawao 3/  | (NA)                    | (NA)                  | (NA)                  | (NA)                  | (NA)    | (NA)                  | (NA)                        | (NA)                  | (NA)    | (NA)                  |
| Kauai       | 55,844                  | 51,748 to 59,940      | 8,074                 | 6,405 to 9,743        | 11.8    | 9.4 to 14.2           | 2,373                       | 1,737 to 3,009        | 15.6    | 11.4 to 19.8          |
| Maui 3/     | 62,277                  | 59,084 to 65,470      | 16,991                | 13,848 to 20,134      | 10.7    | 8.7 to 12.7           | 4,876                       | 3,537 to 6,215        | 13.8    | 10.0 to 17.6          |
| 2014        |                         |                       |                       |                       |         |                       |                             |                       |         |                       |
| State total | 69,549                  | 68,236 to 70,862      | 158,266               | 151,850 to 164,682    | 11.5    | 11.0 - 12.0           | 45,637                      | 42,587 to 48,687      | 15.2    | 14.2 - 16.2           |
| County      |                         |                       |                       |                       |         |                       |                             |                       |         |                       |
| Hawaii      | 51,887                  | 49,875 to 53,899      | 34,598                | 30,030 to 39,166      | 18.1    | 15.7 - 20.5           | 10,515                      | 8,538 to 12,492       | 25.3    | 20.6 - 30.0           |
| Honolulu    | 73,985                  | 72,489 to 75,481      | 93,994                | 86,946 to 101,042     | 9.8     | 9.1 - 10.5            | 26,685                      | 23,679 to 29,691      | 12.8    | 11.4 - 14.2           |
| Kalawao 3/  | (NA)                    | (NA)                  | (NA)                  | (NA)                  | (NA)    | (NA)                  | (NA)                        | (NA)                  | (NA)    | (NA)                  |
| Kauai       | 58,883                  | 54,504 to 63,262      | 8,570                 | 7,033 to 10,107       | 12.3    | 10.1 - 14.5           | 2,314                       | 1,716 to 2,912        | 15.1    | 11.2 - 19.0           |
| Maui 3/     | 64,916                  | 62,156 to 67,676      | 21,103                | 17,925 to 24,281      | 13.1    | 11.1 - 15.1           | 6,124                       | 4,892 to 7,356        | 17.3    | 13.8 - 20.8           |

NA Not available.

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

2/ A confidence interval is a range of values that describes the uncertainty surrounding an estimate and are one way to represent how "good" an estimate is; the larger a 90% confidence interval for a particular estimate, the more caution is required when using the estimate.

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

Source: U.S. Census Bureau, Small Area Income and Poverty Estimates <<http://www.census.gov/hhes/www/saipe/index.html>> accessed July 20, 2016.

**Table 13.24-- INCOME OF HOUSEHOLDS AND FAMILIES:  
2013 AND 2014**

[Economic characteristics not available from the Census 2010. Data based on a sample. For information on using the American Community Survey results see <[http://www.census.gov/acs/www/guidance\\_for\\_data\\_users/guidance\\_main/](http://www.census.gov/acs/www/guidance_for_data_users/guidance_main/)>]

| Income                                    | Households |         | Families |         |
|---|------------|---------|----------|---------|
|   | Number     | Percent | Number   | Percent |
| 2013 (in 2013 inflation-adjusted dollars) | 450,120    | 100.0   | 311,203  | 100.0   |
| Less than \$10,000                        | 25,727     | 5.7     | 10,039   | 3.2     |
| \$10,000 to \$14,999                      | 15,492     | 3.4     | 6,166    | 2.0     |
| \$15,000 to \$24,999                      | 36,286     | 8.1     | 16,610   | 5.3     |
| \$25,000 to \$34,999                      | 34,742     | 7.7     | 19,909   | 6.4     |
| \$35,000 to \$49,999                      | 50,070     | 11.1    | 33,259   | 10.7    |
| \$50,000 to \$74,999                      | 85,002     | 18.9    | 59,931   | 19.3    |
| \$75,000 to \$99,999                      | 60,056     | 13.3    | 46,615   | 15.0    |
| \$100,000 to \$149,999                    | 81,222     | 18.0    | 68,091   | 21.9    |
| \$150,000 to \$199,999                    | 31,969     | 7.1     | 25,927   | 8.3     |
| \$200,000 or more                         | 29,554     | 6.6     | 24,656   | 7.9     |
| Median income (dollars)                   | 68,020     | (X)     | 80,316   | (X)     |
| 2014 (in 2014 inflation-adjusted dollars) | 450,769    | 100.0   | 314,151  | 100.0   |
| Less than \$10,000                        | 25,911     | 5.7     | 10,033   | 3.2     |
| \$10,000 to \$14,999                      | 15,780     | 3.4     | 6,037    | 2.0     |
| \$15,000 to \$24,999                      | 32,230     | 8.1     | 15,853   | 5.3     |
| \$25,000 to \$34,999                      | 32,252     | 7.7     | 21,740   | 6.4     |
| \$35,000 to \$49,999                      | 52,095     | 11.1    | 34,427   | 10.7    |
| \$50,000 to \$74,999                      | 84,919     | 18.9    | 59,507   | 19.3    |
| \$75,000 to \$99,999                      | 65,434     | 13.3    | 49,790   | 15.0    |
| \$100,000 to \$149,999                    | 80,530     | 18.0    | 66,849   | 21.9    |
| \$150,000 to \$199,999                    | 33,935     | 7.1     | 27,468   | 8.3     |
| \$200,000 or more                         | 27,683     | 6.6     | 22,447   | 7.9     |
| Median income (dollars)                   | 69,592     | (X)     | 79,187   | (X)     |

X Not applicable.

Source: U.S. Census Bureau, American Community Survey 1-Year Estimates, Selected Economic Characteristics: 2013 Hawaii as extracted by Hawaii State Department of Business, Economic Development & Tourism, Hawaii State Data Center American Community Survey 2013 Hawaii Geographic Area Profiles (1-Year Estimates) "DP03: Selected Economic Characteristics" <[http://files.hawaii.gov/dbedt/census/acs/ACS2013/ACS2013\\_1\\_Year/geographic/](http://files.hawaii.gov/dbedt/census/acs/ACS2013/ACS2013_1_Year/geographic/)> and Ibid. 2014 <<http://census.hawaii.gov/acs/acs-2014/>> accessed December 9, 2015.

**Table 13.25-- INCOME TYPE AND PER CAPITA INCOME, BY COUNTY: 2009-2013 AND 2010-2014**

[In number and dollars. Economic characteristics not available from the Census 2010. Averages of 5-year periods]

| Subject   | State total | City & County of Honolulu | County of Hawaii | County of Kalawao | County of Kauai | County of Maui |
|---|-------------|---------------------------|------------------|-------------------|-----------------|----------------|
| Households 2009- 2013                               | 449,771     | 309,803                   | 64,909           | 46                | 22,390          | 52,623         |
| With earnings                                       | 366,773     | 256,839                   | 48,551           | 41                | 17,693          | 43,649         |
| Mean earnings (dollars) 1/                          | 80,845      | 85,348                    | 64,180           | 61,883            | 72,904          | 76,121         |
| With Social Security income                         | 143,961     | 97,131                    | 22,795           | 16                | 7,839           | 16,180         |
| Mean Social Security income (dollars) 1/            | 17,792      | 18,049                    | 17,059           | 8,388             | 17,537          | 17,413         |
| With retirement income                              | 100,046     | 71,413                    | 13,445           | 13                | 4,781           | 10,394         |
| Mean retirement income (dollars) 1/                 | 26,602      | 27,639                    | 25,046           | 15,269            | 23,740          | 22,817         |
| With Supplemental Security income                   | 17,501      | 11,519                    | 3,433            | 2                 | 892             | 1,655          |
| Mean Supplemental Security income (dollars) 1/      | 8,942       | 8,726                     | 9,271            | 7,550             | 9,841           | 9,283          |
| With cash public assistance income                  | 16,912      | 10,481                    | 3,807            | 2                 | 899             | 1,723          |
| Mean cash public assistance income (dollars) 1/     | 5,171       | 5,171                     | 4,921            | -                 | 6,157           | 5,211          |
| With Food Stamp/SNAP benefits in the past 12 months | 45,823      | 26,656                    | 10,900           | -                 | 2,208           | 6,059          |
| Per capita income (dollars) 1/                      | 29,305      | 30,361                    | 24,635           | 45,515            | 26,658          | 29,517         |
| Households 2010- 2014                               | 450,299     | 310,141                   | 64,586           | 46                | 22,395          | 53,131         |
| With earnings                                       | 365,337     | 256,671                   | 47,280           | 39                | 17,501          | 43,846         |
| Mean earnings (dollars) 1/                          | 81,827      | 86,495                    | 63,821           | 61,962            | 75,206          | 76,583         |
| With Social Security income                         | 147,101     | 98,868                    | 23,212           | 16                | 8,007           | 16,998         |
| Mean Social Security income (dollars) 1/            | 18,194      | 18,434                    | 17,489           | 8,525             | 17,945          | 17,889         |
| With retirement income                              | 101,405     | 71,864                    | 14,012           | 13                | 4,874           | 10,642         |
| Mean retirement income (dollars) 1/                 | 27,572      | 28,882                    | 25,121           | 15,515            | 24,474          | 23,390         |
| With Supplemental Security income                   | 18,453      | 11,860                    | 3,462            | 2                 | 1,005           | 2,124          |
| Mean Supplemental Security income (dollars) 1/      | 9,343       | 9,168                     | 9,621            | -                 | 10,092          | 9,515          |
| With cash public assistance income                  | 16,720      | 10,314                    | 3,665            | 2                 | 974             | 1,765          |
| Mean cash public assistance income (dollars) 1/     | 5,020       | 5,039                     | 4,584            | -                 | 5,622           | 5,481          |
| With Food Stamp/SNAP benefits in the past 12 months | 48,933      | 28,449                    | 11,540           | -                 | 2,209           | 6,735          |
| Per capita income (dollars) 1/                      | 29,552      | 30,735                    | 24,395           | 43,771            | 27,079          | 29,499         |

1/ In 2013-inflation adjusted dollars for 2009-2013, and 2014-inflation adjusted dollars for 2010-2014.

Source: U.S. Census Bureau, 2009-2013 American Community Survey 5-Year Estimates, Selected Economic Characteristics: 2008-2012 Hawaii, counties, and places as extracted by Hawaii State Department of Business, Economic Development & Tourism, Hawaii State Data Center, American Community Survey 2013 Hawaii Geographic Area Profiles (5-Year Estimates) "DP03: Selected Economic Characteristics"

<<http://census.hawaii.gov/acs/american-community-survey-2013/acs-2013-geographic-5yr/>> accessed June 18, 2015; Ibid. 2010- 2014

<<http://census.hawaii.gov/acs/acs-2014/>> accessed June 27, 2016.

**Table 13.26-- POVERTY STATUS OF PERSONS: 1969, 1975, AND  
1979 TO 2014**

[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 censuses or 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 (14 years before 1979)]

| <b>Year</b> | <b>Number</b>            | <b>Percent</b>            | <b>Year</b>               | <b>Number</b>  | <b>Percent</b>            |
|-------------|--------------------------|---------------------------|---------------------------|----------------|---------------------------|
| Census:     |                          |                           | 1979                      | 91,618         | 9.9                       |
| 1969        | 68,543                   | 9.3                       | 1989                      | 88,408         | 8.3                       |
| 1975        | 67,000                   | 7.9                       | 1999                      | 126,154        | 10.7                      |
| <b>Year</b> | <b>Total<br/>(1,000)</b> | <b>Number<br/>(1,000)</b> | <b>Standard<br/>error</b> | <b>Percent</b> | <b>Standard<br/>error</b> |
| CPS: 1/     |                          |                           |                           |                |                           |
| 1980        | 954                      | 81                        | 25                        | 8.5            | 2.5                       |
| 1981        | 953                      | 108                       | 29                        | 11.3           | 2.9                       |
| 1982        | 997                      | 132                       | 32                        | 13.2           | 3.0                       |
| 1983        | 998                      | 129                       | 19                        | 12.9           | 1.8                       |
| 1984        | 997                      | 92                        | 27                        | 9.3            | 2.6                       |
| 1985        | 1,018                    | 109                       | 18                        | 10.7           | 1.7                       |
| 1986        | 1,024                    | 109                       | 18                        | 10.7           | 1.7                       |
| 1987        | 1,086                    | 95                        | 16                        | 8.8            | 1.5                       |
| 1988        | 1,051                    | 117                       | 18                        | 11.1           | 1.7                       |
| 1989        | 1,086                    | 122                       | 19                        | 11.3           | 1.8                       |
| 1990        | 1,100                    | 121                       | 19                        | 11.0           | 1.7                       |
| 1991        | 1,164                    | 90                        | 17                        | 7.7            | 1.4                       |
| 1992        | 1,187                    | 133                       | 20                        | 11.2           | 1.7                       |
| 1993        | 1,135                    | 91                        | 17                        | 8.0            | 1.5                       |
| 1994        | 1,106                    | 97                        | 17                        | 8.7            | 1.6                       |
| 1995        | 1,187                    | 122                       | 20                        | 10.3           | 1.7                       |
| 1996        | 1,172                    | 142                       | 23                        | 12.1           | 1.8                       |
| 1997        | 1,182                    | 164                       | 24                        | 13.9           | 1.9                       |
| 1998        | 1,201                    | 131                       | 22                        | 10.9           | 1.7                       |
| 1999        | 1,225                    | 133                       | 22                        | 10.8           | 1.7                       |
| 2000        | 1,195                    | 106                       | 12                        | 8.9            | 0.9                       |
| 2001        | 1,205                    | 138                       | 13                        | 11.4           | 1.1                       |
| 2002        | 1,219                    | 138                       | 14                        | 11.3           | 1.0                       |
| 2003        | 1,250                    | 117                       | 12                        | 9.3            | 1.0                       |
| 2004 2/     | 1,244                    | 106                       | 12                        | 8.6            | 1.0                       |
| 2005 2/     | 1,274                    | 110                       | 12                        | 8.6            | 1.0                       |
| 2006 2/     | 1,254                    | 116                       | 13                        | 9.2            | 1.0                       |
| 2007 2/     | 1,264                    | 94                        | 12                        | 7.5            | 0.9                       |
| 2008 2/     | 1,255                    | 125                       | 13                        | 9.9            | 1.1                       |
| 2009 2/     | 1,250                    | 156                       | 14                        | 12.5           | 1.2                       |
| 2010 2/     | 1,311                    | 162                       | 15                        | 12.4           | 1.2                       |
| 2011 2/     | 1,337                    | 162                       | 18                        | 12.1           | 1.4                       |
| 2012 2/     | 1,356                    | 188                       | 21                        | 13.8           | 1.6                       |
| 2013 2/ 3/  | 1,338                    | 142                       | 24                        | 10.6           | 1.8                       |
| 2014 2/ 4/  | 1,365                    | 147                       | 16                        | 10.8           | 1.1                       |

Continued on next page.

**Table 13.26-- POVERTY STATUS OF PERSONS: 1969, 1975, AND  
1979 TO 2014 -- Con.**

1/ Current Population Survey. Based on small samples and subject to considerable sampling variation.

2/ 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); and 14.8 percent in 2014.

3/ Revised from previous *Data Book*.

4/ Due to the redesign of the CPS ASEC income questions, 2013 is the last year that data are available for three-year averages. These data will not be updated until 2016 estimates are available.

Source: U.S. Bureau of the Census, *1970 Census of Population*, PC(1)-C13 (December 1971), table 58; *Current Population Reports, Consumer Income*, Series P-60, No. 113 (July 1978), p. 179; *1980 Census of Population*, PC80-1-C13 (June 1983), table 72; *1990 Census of Population*, 1990 CP-2-13 (September 1993), table 29; *2000 Census of Population, Poverty 1999: Census 2000 Brief C2KBR-19* (May 2003), table 3; *Historical Poverty Tables - People*, Tables 9 (beginning with 2014), 19, and 21  
<<http://www.census.gov/hhes/www/poverty/data/historical/people.html>> accessed October 28, 2015.



**Table 13.27-- POVERTY STATUS, FOR THE STATE AND BY COUNTY: 2010-2014**

[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. Economic characteristics not available from the Census 2010. Average of 2010-2014. Data in percent below poverty level]

| Subject  | State total | City & County of Honolulu | Hawaii County | Kalawao County | Kauai County | Maui County |
|--|-------------|---------------------------|---------------|----------------|--------------|-------------|
| All families   | 7.8         | 6.6                       | 14.0          | 0.0            | 8.0          | 8.0         |
| With related children under 18 years                 | 11.9        | 9.8                       | 22.6          | (1/)           | 11.0         | 13.1        |
| With related children under 5 years only             | 11.0        | 8.3                       | 24.9          | (1/)           | 11.3         | 12.5        |
| Married couple families                              | 4.5         | 3.8                       | 8.2           | 0.0            | 5.7          | 4.4         |
| With related children under 18 years                 | 5.7         | 4.7                       | 11.4          | (1/)           | 7.0          | 6.1         |
| With related children under 5 years only             | 3.9         | 3.5                       | 6.4           | (1/)           | 4.2          | 3.9         |
| Families with female householder, no husband present | 20.4        | 18.0                      | 32.6          | (1/)           | 16.5         | 20.7        |
| With related children under 18 years                 | 30.1        | 28.0                      | 43.5          | (1/)           | 20.8         | 27.4        |
| With related children under 5 years only             | 33.5        | 29.2                      | 49.5          | (1/)           | 23.7         | 34.6        |
| All people   | 11.3        | 9.8                       | 19.2          | 17.6           | 11.7         | 11.4        |
| Under 18 years                                       | 15.4        | 13.0                      | 27.8          | (1/)           | 14.4         | 15.6        |
| Related children under 18 years                      | 14.9        | 12.5                      | 27.5          | (1/)           | 13.5         | 15.0        |
| Related children under 5 years                       | 15.4        | 12.8                      | 30.0          | (1/)           | 12.9         | 16.0        |
| Related children 5 to 17 years                       | 14.7        | 12.4                      | 26.5          | (1/)           | 13.8         | 14.6        |
| 18 years and over                                    | 10.2        | 8.8                       | 16.8          | 17.6           | 10.9         | 10.2        |
| 18 to 64 years                                       | 10.9        | 9.3                       | 18.6          | 9.8            | 11.6         | 11.0        |
| 65 years and over                                    | 7.4         | 7.0                       | 9.9           | 41.2           | 8.5          | 6.3         |
| People in families                                   | 8.4         | 7.0                       | 16.0          | 0.0            | 8.4          | 8.4         |
| Unrelated individuals 15 years and over              | 24.9        | 23.3                      | 32.2          | 25.5           | 26.7         | 23.6        |

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

Source: U.S. Census Bureau, 2010-2014 American Community Survey 5-Year Estimates, Selected Economic Characteristics: 2010-2014 Hawaii, counties, and places as extracted by Hawaii State Department of Business, Economic Development & Tourism, Hawaii State Data Center, American Community Survey 2014 Hawaii Geographic Area Profiles (5-Year Estimates) "DP03: Selected Economic Characteristics" <<http://census.hawaii.gov/acs/acs-2014/>> accessed June 27, 2016.

**Table 13.28-- POVERTY INCOME GUIDELINES FOR HAWAII, 1997 TO 2016  
AND FOR THE UNITED STATES AND ALASKA, 2009 TO 2016**

[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      |              |
| Mar. 10, 1997    | 9,070               | 12,200 | 15,330 | 18,460 | 21,590 | 24,720 | 27,850 | 30,980 | 3,130        |
| Feb. 24, 1998    | 9,260               | 12,480 | 15,700 | 18,920 | 22,140 | 25,360 | 28,580 | 31,800 | 3,220        |
| Mar. 19, 1999    | 9,490               | 12,730 | 15,970 | 19,210 | 22,450 | 25,690 | 28,930 | 32,170 | 3,240        |
| Feb. 15, 2000    | 9,590               | 12,930 | 16,270 | 19,610 | 22,950 | 26,290 | 29,630 | 32,970 | 3,340        |
| Feb. 16, 2001    | 9,890               | 13,360 | 16,830 | 20,300 | 23,700 | 27,240 | 30,710 | 34,180 | 3,470        |
| Feb. 14, 2002    | 10,200              | 13,740 | 17,280 | 20,820 | 24,360 | 27,900 | 31,440 | 34,980 | 3,540        |
| Feb. 7, 2003     | 10,330              | 13,940 | 17,550 | 21,160 | 24,770 | 28,380 | 31,990 | 35,600 | 3,610        |
| Feb. 13, 2004    | 10,700              | 14,360 | 18,020 | 21,680 | 25,340 | 29,000 | 32,660 | 36,320 | 3,660        |
| Feb. 18, 2005    | 11,010              | 14,760 | 18,510 | 22,260 | 26,010 | 29,760 | 33,510 | 37,260 | 3,750        |
| Jan. 24, 2006    | 11,270              | 15,180 | 19,090 | 23,000 | 26,910 | 30,820 | 34,730 | 38,640 | 3,910        |
| Jan. 24, 2007    | 11,750              | 15,750 | 19,750 | 23,750 | 27,750 | 31,750 | 35,750 | 39,750 | 4,000        |
| Jan. 23, 2008    | 11,960              | 16,100 | 20,240 | 24,380 | 28,520 | 32,660 | 36,800 | 40,940 | 4,140        |
| Jan. 23, 2009    | 12,460              | 16,760 | 21,060 | 25,360 | 29,660 | 33,960 | 38,260 | 42,560 | 4,300        |
| Aug. 3, 2010     | 12,460              | 16,760 | 21,060 | 25,360 | 29,660 | 33,960 | 38,260 | 42,560 | 4,300        |
| Jan. 20, 2011    | 12,540              | 16,930 | 21,320 | 25,710 | 30,100 | 34,490 | 38,880 | 43,270 | 4,390        |
| Jan. 26, 2012    | 12,860              | 17,410 | 21,960 | 26,510 | 31,060 | 35,610 | 40,160 | 44,710 | 4,550        |
| Jan. 24, 2013    | 13,230              | 17,850 | 22,470 | 27,090 | 31,710 | 36,330 | 40,950 | 45,570 | 4,620        |
| Jan. 22, 2014    | 13,420              | 18,090 | 22,760 | 27,430 | 32,100 | 36,770 | 41,440 | 46,110 | 4,670        |
| Jan. 22, 2015    | 13,550              | 18,330 | 23,110 | 27,890 | 32,670 | 37,450 | 42,230 | 47,010 | 4,780        |
| Jan. 25, 2016    | 13,670              | 18,430 | 23,190 | 27,950 | 32,710 | 37,470 | 42,230 | 47,010 | 4,780        |
| Jan. 23, 2009    |                     |        |        |        |        |        |        |        |              |
| United States 1/ | 10,830              | 14,570 | 18,310 | 22,050 | 25,790 | 29,530 | 33,270 | 37,010 | 3,740        |
| Alaska           | 13,530              | 18,210 | 22,890 | 27,570 | 32,250 | 36,930 | 41,610 | 46,290 | 4,680        |
| Aug. 3, 2010     |                     |        |        |        |        |        |        |        |              |
| United States 1/ | 10,830              | 14,570 | 18,310 | 22,050 | 25,790 | 29,530 | 33,270 | 37,010 | 3,740        |
| Alaska           | 13,530              | 18,210 | 22,890 | 27,570 | 32,250 | 36,930 | 41,610 | 46,290 | 4,680        |
| Jan. 20, 2011    |                     |        |        |        |        |        |        |        |              |
| United States 1/ | 10,890              | 14,710 | 18,530 | 22,350 | 26,170 | 29,990 | 33,810 | 37,630 | 3,820        |
| Alaska           | 13,600              | 18,380 | 23,160 | 27,940 | 32,720 | 37,500 | 42,280 | 47,060 | 4,780        |
| Jan. 26, 2012    |                     |        |        |        |        |        |        |        |              |
| United States 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    |                     |        |        |        |        |        |        |        |              |
| United States 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    |                     |        |        |        |        |        |        |        |              |
| United States 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    |                     |        |        |        |        |        |        |        |              |
| United States 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    |                     |        |        |        |        |        |        |        |              |
| United States 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        |

Continued on next page.

**Table 13.28-- POVERTY INCOME GUIDELINES FOR HAWAII, 1997 TO 2016  
AND FOR THE UNITED STATES AND ALASKA, 2009 TO 2016 -- 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*, March 10, 1997; Feb. 24, 1998; March 18, 1999; Feb. 15, 2000; Feb. 16, 2001; Feb. 14, 2002; March 18, 2003; Feb. 13, 2004; Feb. 18, 2005; Jan. 24, 2006; Jan. 24, 2007; Jan. 23, 2008; Jan. 23, 2009; Aug. 3, 2010; Jan. 20, 2011; Jan. 26, 2012; Jan. 15, 2013; Jan. 22, 2014; and Jan. 22, 2015.

Also for 1994-2005 <[http://www.access.gpo.gov/su\\_docs/aces/aces140.html](http://www.access.gpo.gov/su_docs/aces/aces140.html)>;

for 2000 <[http://www.access.gpo.gov/su\\_docs/fedreg/a000215c.html](http://www.access.gpo.gov/su_docs/fedreg/a000215c.html)>;

for 2001 <[http://www.access.gpo.gov/su\\_docs/fedreg/a010216c.html](http://www.access.gpo.gov/su_docs/fedreg/a010216c.html)>;

for 2002 <[http://www.access.gpo.gov/su\\_docs/fedreg/a020214c.html](http://www.access.gpo.gov/su_docs/fedreg/a020214c.html)> accessed March 19, 2002; for 2003

<<http://a257.g.akamaitech.net/7/257/2422/14mar20010800/edocket.access.gpo.gov/2003/pdf/03-3018.pdf>> accessed April 10, 2003; for 2004 <<http://aspe.hhs.gov/poverty/04poverty.shtml>> accessed February 18, 2004;

for 2005 <<http://aspe.hhs.gov/poverty/05fedreg.pdf>> accessed February 23, 2005;

for 2006 <<http://aspe.hhs.gov/poverty/06fedreg.pdf>> accessed February 28, 2006;

for 2007 <<http://aspe.hhs.gov/poverty/07fedreg.pdf>> accessed January 26, 2007;

for 2008 <<http://aspe.hhs.gov/poverty/08fedreg.pdf>> accessed January 25, 2008;

for 2009 <<http://aspe.hhs.gov/poverty/09fedreg.pdf>> accessed January 26, 2009;

for 2010 <<http://aspe.hhs.gov/poverty/10poverty.shtml>> accessed August 3, 2010;

for 2011 <<http://aspe.hhs.gov/poverty/11poverty.shtml>> accessed March 16, 2011;

for 2012 <<http://aspe.hhs.gov/poverty/12poverty.shtml>> accessed March 27, 2012;

for 2013 <<http://aspe.hhs.gov/poverty/13poverty.cfm>> accessed May 15, 2013;

for 2014 <<http://aspe.hhs.gov/poverty/14poverty.cfm>> accessed February 21, 2014;

for 2015 <<http://aspe.hhs.gov/poverty/15poverty.cfm>> accessed February 21, 2015; and

for 2016 <<https://federalregister.gov/a/2016-01450>> accessed February 1, 2016.

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

[Annual averages for two-year periods. The Consumer Expenditure Survey 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; and 2013-2014 on September 3, 2015 but Honolulu is no longer shown]

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

Continued on next page.

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

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

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

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

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

[Annual averages for two-year periods. Number in units, unless otherwise specified. Expenditures in dollars. The Consumer Expenditure Survey for 2005- 2006 was released by BLS on October 26, 2007; 2006- 2007 on November 25, 2008; 2007- 2008 on October 6, 2009; 2008- 2009 on October 5, 2010; 2009- 2010 on September 27, 2011; 2010- 2011 on September 25, 2012; 2011-2012 on September 10, 2013; 2012-2013 on September 9, 2014; and 2013-2014 on September 3, 2015 but Honolulu is no longer shown]

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

Continued on next page.

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

| Item                                | All consumer units in the West | Hono-lulu | Los Angeles | San Francisco | San Diego | Portland | Seattle | Anchorage | Phoenix | Denver |
|-------------------------------------|--------------------------------|-----------|-------------|---------------|-----------|----------|---------|-----------|---------|--------|
| Health care                         | 2,602                          | 2,600     | 2,275       | 2,773         | 3,038     | 2,693    | 2,910   | 3,397     | 2,890   | 2,724  |
| Entertainment                       | 2,636                          | 3,126     | 2,719       | 2,938         | 2,653     | 3,057    | 3,002   | 3,420     | 2,355   | 3,227  |
| Personal care products and services | 621                            | 772       | 798         | 664           | 805       | 578      | 625     | 615       | 666     | 636    |
| Reading                             | 153                            | 128       | 158         | 212           | 192       | 188      | 214     | 218       | 132     | 144    |
| Education                           | 1,039                          | 1,320     | 960         | 1,107         | 1,245     | 1,200    | 1,217   | 842       | 739     | 1,573  |
| Tobacco prod. & smoking supplies    | 239                            | 241       | 179         | 143           | 136       | 344      | 236     | 440       | 373     | 308    |
| Miscellaneous                       | 910                            | 861       | 848         | 1,014         | 940       | 1,303    | 1,004   | 1,227     | 786     | 1,010  |
| Cash contributions                  | 1,576                          | 1,112     | 1,272       | 1,607         | 2,520     | 1,775    | 2,070   | 1,853     | 1,662   | 1,624  |
| Personal insurance and pensions     | 5,451                          | 6,746     | 5,736       | 7,538         | 6,507     | 5,565    | 6,256   | 7,187     | 5,243   | 5,689  |
| Life and other personal insurance   | 343                            | 520       | 298         | 336           | 423       | 367      | 346     | 581       | 400     | 240    |
| Pensions and Social Security        | 5,108                          | 6,226     | 5,438       | 7,202         | 6,084     | 5,198    | 5,910   | 6,606     | 4,843   | 5,449  |
| Number of consumer units (in 1,000) | 25,872                         | 278       | 5,112       | 2,724         | 892       | 1,052    | 1,801   | 119       | 1,423   | 1,270  |
| Consumer unit characteristics       |                                |           |             |               |           |          |         |           |         |        |
| Income before taxes 1/              | 60,730                         | 70,104    | 65,810      | 86,935        | 69,067    | 56,702   | 63,888  | 71,031    | 60,726  | 65,224 |
| Age of reference person             | 47.0                           | 51.8      | 46.9        | 47.0          | 50.1      | 47.9     | 47.8    | 45.8      | 45.7    | 45.6   |
| Average number in consumer unit     |                                |           |             |               |           |          |         |           |         |        |
| Persons                             | 2.6                            | 2.8       | 2.9         | 2.6           | 2.6       | 2.5      | 2.3     | 2.5       | 2.6     | 2.4    |
| Children under 18                   | 0.7                            | 0.6       | 0.8         | 0.6           | 0.6       | 0.6      | 0.5     | 0.7       | 0.8     | 0.6    |
| Persons 65 and over                 | 0.3                            | 0.4       | 0.3         | 0.3           | 0.4       | 0.3      | 0.2     | 0.2       | 0.3     | 0.3    |
| Earners                             | 1.4                            | 1.5       | 1.5         | 1.4           | 1.4       | 1.4      | 1.5     | 1.5       | 1.3     | 1.4    |
| Vehicles                            | 2.1                            | 1.8       | 1.9         | 1.8           | 1.9       | 2.2      | 2.4     | 2.5       | 1.8     | 1.9    |
| Percent homeowner                   | 62                             | 61        | 58          | 56            | 63        | 63       | 66      | 71        | 70      | 64     |

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

Source: U.S. Bureau of Labor Statistics, Selected Western Metropolitan Statistical Areas: Average Annual Expenditures and Characteristics, Consumer Expenditure Survey 2004-2005 <<http://www.bls.gov/cex/2005/msas/west.pdf>> accessed December 27, 2006.

**Table 13.31-- AVERAGE ANNUAL CONSUMER EXPENDITURES  
FOR HONOLULU: 2013-2014**

[In dollars and percent]

| Category                                  | Expenditures | Share |
|---|--------------|-------|
| Average annual expenditures               | 62,489       | 100.0 |
| Food                                      | 9,171        | 14.7  |
| Food at home                              | 5,587        | 8.9   |
| Cereals and bakery products               | 547          | 0.9   |
| Meats, poultry, fish, and eggs            | 1,676        | 2.7   |
| Dairy products                            | 567          | 0.9   |
| Fruits and vegetables                     | 1,095        | 1.8   |
| Other food at home                        | 1,702        | 2.7   |
| Food away from home                       | 3,584        | 5.7   |
| Alcoholic beverages                       | 697          | 1.1   |
| Housing                                   | 26,980       | 43.2  |
| Shelter                                   | 18,574       | 29.7  |
| Owned dwellings                           | 10,983       | 17.6  |
| Rented dwellings                          | 6,108        | 9.8   |
| Investment and commercial properties      | 851          | 1.4   |
| Lodging during trips                      | 632          | 1.0   |
| Utilities, fuels, and public services     | 4,552        | 7.3   |
| Household operations                      | 833          | 1.3   |
| Housekeeping supplies                     | 1,049        | 1.7   |
| Household furnishings and equipment       | 1,972        | 3.2   |
| Apparel and services                      | 1,206        | 1.9   |
| Transportation                            | 8,714        | 13.9  |
| Vehicle purchases (net outlay)            | 2,223        | 3.6   |
| Gasoline and motor oil                    | 1,803        | 2.9   |
| Other vehicle expenses                    | 2,881        | 4.6   |
| Public and other transportation           | 1,808        | 2.9   |
| Health care                               | 3,610        | 5.8   |
| Entertainment                             | 1,567        | 2.5   |
| Personal care products and services       | 602          | 1.0   |
| Reading                                   | 102          | 0.2   |
| Education                                 | 2,508        | 4.0   |
| Tobacco products and smoking supplies     | 123          | 0.2   |
| Miscellaneous                             | 1,022        | 1.6   |
| Cash contributions                        | 1,068        | 1.7   |
| Personal insurance and retirement savings | 5,118        | 8.2   |
| Life and other personal insurance         | 697          | 1.1   |
| Retirement savings and social security    | 4,421        | 7.1   |
| Addendum: on-line shopping                | 720          | 1.2   |

Source: Hawaii Department of Business, Economic Development & Tourism, Research & Economic Analysis Division, *Honolulu Consumer Spending: 2013-2014*, "Table 1. Average annual expenditures: Honolulu, 2013-2014" (April 2016)  
<[http://files.hawaii.gov/dbedt/economic/reports/CE\\_Oahu\\_Survey\\_Final.pdf](http://files.hawaii.gov/dbedt/economic/reports/CE_Oahu_Survey_Final.pdf)> accessed June 16, 2016.



**Table 13.32-- AVERAGE ANNUAL CONSUMER EXPENDITURES  
FOR MAUI COUNTY: 2014**

[In dollars and percent]

| <b>Category</b>                           | <b>Expenditures</b> | <b>Share</b> |
|---|---------------------|--------------|
| Average annual household expenditures     | 65,197              | 100.0        |
| Food                                      | 10,196              | 15.6         |
| Food at home                              | 7,186               | 11.0         |
| Cereals and bakery products               | 738                 | 1.1          |
| Meats, poultry, fish, and eggs            | 2,078               | 3.2          |
| Dairy products                            | 765                 | 1.2          |
| Fruits and vegetables                     | 1,488               | 2.3          |
| Other food at home                        | 2,116               | 3.2          |
| Food away from home                       | 3,011               | 4.6          |
| Alcoholic beverages                       | 1,024               | 1.6          |
| Housing                                   | 26,277              | 40.3         |
| Shelter                                   | 16,365              | 25.1         |
| Owned dwellings                           | 10,462              | 16.0         |
| Rented dwellings                          | 4,695               | 7.2          |
| Investment and commercial properties      | 563                 | 0.9          |
| Lodging during trips                      | 645                 | 1.0          |
| Utilities, fuels, and public services     | 5,444               | 8.4          |
| Household operations                      | 1,220               | 1.9          |
| Housekeeping supplies                     | 1,131               | 1.7          |
| Household furnishings and equipment       | 2,116               | 3.2          |
| Apparel and services                      | 1,268               | 1.9          |
| Transportation                            | 10,226              | 15.7         |
| Vehicle purchases (net outlay)            | 3,276               | 5.0          |
| Gasoline and motor oil                    | 1,887               | 2.9          |
| Other vehicle expenses                    | 2,919               | 4.5          |
| Public and other transportation           | 2,144               | 3.3          |
| Health care                               | 4,646               | 7.1          |
| Entertainment                             | 1,738               | 2.7          |
| Personal care products and services       | 754                 | 1.2          |
| Reading                                   | 114                 | 0.2          |
| Education                                 | 1,675               | 2.6          |
| Tobacco products and smoking supplies     | 120                 | 0.2          |
| Miscellaneous                             | 1,210               | 1.9          |
| Cash contributions                        | 1,154               | 1.8          |
| Personal insurance and retirement savings | 4,795               | 7.4          |
| Life and other personal insurance         | 589                 | 0.9          |
| Retirement savings and social security    | 4,205               | 6.4          |
| Addendum: On-line shopping                | 1,233               | 1.9          |

Source: Hawaii Department of Business, Economic Development & Tourism, Research & Economic Analysis Division, *Maui County Consumer Spending: 2014* (June 2016)  
 "Table 1. Average annual household expenditures: Maui County, 2014"  
[http://files.hawaii.gov/dbedt/economic/reports/CE\\_Maui\\_Survey\\_Final.pdf](http://files.hawaii.gov/dbedt/economic/reports/CE_Maui_Survey_Final.pdf) accessed June 16, 2016.

**Table 13.33-- AVERAGE ANNUAL CONSUMER EXPENDITURES FOR HAWAII COUNTY: 2014**

[In dollars and percent]

| Category                                  | Expenditures | Share |
|---|--------------|-------|
| Average annual expenditures               | 51,700       | 100.0 |
| Food                                      | 7,420        | 14.4  |
| Food at home                              | 5,298        | 10.2  |
| Cereals and bakery products               | 553          | 1.1   |
| Meats, poultry, fish, and eggs            | 1,671        | 3.2   |
| Dairy products                            | 525          | 1.0   |
| Fruits and vegetables                     | 977          | 1.9   |
| Other food at home                        | 1,573        | 3.0   |
| Food away from home                       | 2,122        | 4.1   |
| Alcoholic beverages                       | 715          | 1.4   |
| Housing                                   | 20,921       | 40.5  |
| Shelter                                   | 13,006       | 25.2  |
| Owned dwellings                           | 8,941        | 17.3  |
| Rented dwellings                          | 3,006        | 5.8   |
| Investment and commercial properties      | 469          | 0.9   |
| Lodging during trips                      | 589          | 1.1   |
| Utilities, fuels, and public services     | 4,511        | 8.7   |
| Household operations                      | 613          | 1.2   |
| Housekeeping supplies                     | 877          | 1.7   |
| Household furnishings and equipment       | 1,913        | 3.7   |
| Apparel and services                      | 873          | 1.7   |
| Transportation                            | 8,405        | 16.3  |
| Vehicle purchases (net outlay)            | 2,173        | 4.2   |
| Gasoline and motor oil                    | 1,863        | 3.6   |
| Other vehicle expenses                    | 2,728        | 5.3   |
| Public and other transportation           | 1,641        | 3.2   |
| Health care                               | 3,924        | 7.6   |
| Entertainment                             | 1,167        | 2.3   |
| Personal care products and services       | 701          | 1.4   |
| Reading                                   | 101          | 0.2   |
| Education                                 | 1,603        | 3.1   |
| Tobacco products and smoking supplies     | 78           | 0.2   |
| Miscellaneous                             | 900          | 1.7   |
| Cash contributions                        | 845          | 1.6   |
| Personal insurance and retirement savings | 4,046        | 7.8   |
| Life and other personal insurance         | 492          | 1.0   |
| Retirement savings and social security    | 3,554        | 6.9   |
| Addendum: on-line shopping                | 943          | 1.8   |

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

**Table 13.34-- AVERAGE ANNUAL CONSUMER EXPENDITURES FOR  
KAUAI COUNTY: 2014**

[In dollars and percent]

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

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

**Table 13.35-- AVERAGE ANNUAL CONSUMER EXPENDITURES,  
BY COUNTY: 2014**

[As percent of total]

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

Source: Hawaii Department of Business, Economic Development & Tourism, Research & Economic Analysis Division, *Maui County Consumer Spending: 2014* "Table 2. Share of expenditures for Honolulu and Maui County households: 2014" (June 2016) <[http://files.hawaii.gov/dbedt/economic/reports/CE\\_Maui\\_Survey\\_Final.pdf](http://files.hawaii.gov/dbedt/economic/reports/CE_Maui_Survey_Final.pdf)> accessed June 16, 2016. Ibid. *Hawaii County Consumer Spending: 2014* "Table 2. Share of expenditures for Honolulu and Hawaii County households: 2014" (June 2016) <[http://files.hawaii.gov/dbedt/economic/reports/CE\\_Big\\_Island\\_Survey\\_Final.pdf](http://files.hawaii.gov/dbedt/economic/reports/CE_Big_Island_Survey_Final.pdf)> accessed June 27, 2016; Ibid. *Kauai County Consumer Spending: 2014* "Table 2. Share of expenditures for Honolulu and Kauai County households: 2014" (June 2016) <[http://files.hawaii.gov/dbedt/economic/reports/CE\\_Kauai\\_Survey\\_Final.pdf](http://files.hawaii.gov/dbedt/economic/reports/CE_Kauai_Survey_Final.pdf)> accessed June 27, 2016.

**Table 13.36-- PERSONAL CONSUMPTION EXPENDITURES, BY MAJOR TYPE OF PRODUCT: 1997 TO 2014**

[In millions of current dollars. Estimates for 1997-2012 revised from previous *Data Book*. When initially released these estimates were considered 'prototype' and users were invited to evaluate and submit comments. These data are now 'official'. Note: "Addenda: Other services, including net foreign travel"; "Net foreign travel"; "Foreign travel by U.S. residents", and "Less: Expenditures in U. S. by nonresidents" were included in the 'Prototype' estimates but are not available in this 'official' release]

| Industry   | 1997   | 1998   | 1999   | 2000   | 2001   | 2002   | 2003   | 2004   | 2005   | 2006   | 2007   | 2008   | 2009   | 2010   | 2011   | 2012   | 2013   | 2014   |
|--|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Personal consumption expenditures (PCE)  | 26,695 | 27,332 | 28,258 | 30,051 | 31,363 | 32,577 | 34,811 | 37,415 | 40,746 | 43,783 | 46,003 | 47,697 | 47,374 | 49,052 | 51,364 | 53,545 | 55,701 | 58,232 |
| Goods  | 9,086  | 9,019  | 9,624  | 10,259 | 10,735 | 11,104 | 11,869 | 12,896 | 13,973 | 14,828 | 15,323 | 15,655 | 15,321 | 15,923 | 16,817 | 17,529 | 18,191 | 18,705 |
| Durable goods  | 2,699  | 2,741  | 3,009  | 3,265  | 3,518  | 3,845  | 4,276  | 4,726  | 5,080  | 5,264  | 5,347  | 5,154  | 4,814  | 4,999  | 5,331  | 5,663  | 5,916  | 6,123  |
| Motor vehicles & parts   | 886    | 932    | 1,045  | 1,161  | 1,266  | 1,471  | 1,675  | 1,747  | 1,747  | 1,676  | 1,622  | 1,339  | 1,202  | 1,229  | 1,323  | 1,430  | 1,532  | 1,614  |
| Furnishings & durable household equipment  | 616    | 615    | 670    | 721    | 797    | 852    | 954    | 1,081  | 1,219  | 1,261  | 1,268  | 1,239  | 1,138  | 1,156  | 1,189  | 1,237  | 1,271  | 1,305  |
| Recreational goods & vehicles  | 757    | 768    | 853    | 928    | 1,024  | 1,099  | 1,185  | 1,385  | 1,533  | 1,688  | 1,781  | 1,883  | 1,811  | 1,873  | 1,932  | 2,016  | 2,100  | 2,167  |
| Other durable goods  | 440    | 426    | 442    | 455    | 431    | 423    | 461    | 514    | 582    | 639    | 676    | 693    | 664    | 741    | 887    | 980    | 1,013  | 1,036  |
| Nondurable goods   | 6,387  | 6,278  | 6,615  | 6,994  | 7,217  | 7,259  | 7,593  | 8,170  | 8,892  | 9,564  | 9,976  | 10,501 | 10,507 | 10,924 | 11,486 | 11,867 | 12,275 | 12,582 |
| Food & beverages purchased for off-premises consumption                              | 2,621  | 2,575  | 2,694  | 2,815  | 2,985  | 3,062  | 3,136  | 3,341  | 3,611  | 3,833  | 4,025  | 4,250  | 4,430  | 4,568  | 4,707  | 4,821  | 5,020  | 5,119  |
| Clothing and footwear  | 987    | 919    | 908    | 913    | 877    | 806    | 830    | 875    | 952    | 981    | 980    | 985    | 948    | 1,012  | 1,120  | 1,208  | 1,221  | 1,229  |
| Gasoline & other energy goods  | 515    | 453    | 484    | 590    | 541    | 513    | 594    | 712    | 850    | 997    | 1,057  | 1,202  | 867    | 989    | 1,148  | 1,137  | 1,079  | 1,007  |
| Other nondurable goods   | 2,264  | 2,331  | 2,529  | 2,676  | 2,814  | 2,879  | 3,034  | 3,243  | 3,480  | 3,753  | 3,914  | 4,064  | 4,262  | 4,355  | 4,511  | 4,701  | 4,955  | 5,227  |
| Services   | 17,609 | 18,313 | 18,634 | 19,791 | 20,628 | 21,473 | 22,943 | 24,519 | 26,773 | 28,955 | 30,680 | 32,042 | 32,053 | 33,129 | 34,547 | 36,015 | 37,510 | 39,527 |
| Household consumption expenditures (for services)                                    | 16,767 | 17,330 | 17,689 | 18,720 | 19,477 | 20,203 | 21,556 | 23,088 | 25,160 | 27,028 | 28,734 | 30,069 | 30,119 | 31,294 | 32,681 | 33,879 | 35,300 | 37,169 |
| Housing and utilities  | 4,730  | 4,980  | 5,230  | 5,577  | 5,930  | 6,194  | 6,484  | 6,879  | 7,511  | 8,298  | 9,142  | 9,908  | 10,365 | 10,897 | 11,507 | 11,817 | 12,231 | 12,609 |
| Health care  | 3,828  | 3,861  | 3,872  | 3,980  | 4,289  | 4,541  | 4,991  | 5,168  | 5,677  | 5,913  | 6,294  | 6,695  | 6,940  | 7,104  | 7,390  | 7,655  | 7,952  | 8,470  |
| Transportation services  | 886    | 931    | 966    | 1,011  | 1,053  | 1,056  | 1,107  | 1,197  | 1,291  | 1,353  | 1,347  | 1,320  | 1,196  | 1,219  | 1,273  | 1,373  | 1,457  | 1,533  |
| Recreation services  | 894    | 891    | 896    | 975    | 986    | 989    | 1,043  | 1,144  | 1,247  | 1,331  | 1,383  | 1,417  | 1,360  | 1,371  | 1,408  | 1,558  | 1,657  | 1,735  |
| Food services & accom.   | 1,370  | 1,345  | 1,360  | 1,417  | 1,459  | 1,502  | 1,639  | 1,838  | 2,005  | 2,164  | 2,254  | 2,248  | 2,140  | 2,242  | 2,418  | 2,644  | 2,769  | 2,928  |
| Financial services & insurance   | 1,964  | 2,025  | 2,163  | 2,354  | 2,274  | 2,361  | 2,487  | 2,736  | 3,007  | 3,181  | 3,420  | 3,479  | 3,326  | 3,534  | 3,630  | 3,585  | 3,791  | 4,011  |
| Other services   | 3,094  | 3,297  | 3,203  | 3,405  | 3,486  | 3,560  | 3,804  | 4,126  | 4,421  | 4,789  | 4,894  | 5,002  | 4,792  | 4,929  | 5,056  | 5,247  | 5,442  | 5,882  |
| Final consumption expenditures of nonprofit institutions serving households (NPISHs) | 842    | 984    | 946    | 1,072  | 1,151  | 1,270  | 1,387  | 1,431  | 1,613  | 1,927  | 1,946  | 1,973  | 1,935  | 1,835  | 1,866  | 2,136  | 2,210  | 2,358  |
| Gross output of nonprofit institutions   | 2,701  | 2,946  | 2,903  | 3,128  | 3,302  | 3,568  | 3,810  | 4,034  | 4,475  | 5,015  | 5,163  | 5,264  | 5,352  | 5,330  | 5,554  | 6,005  | 6,179  | 6,455  |
| Less: Receipts from sales of goods & serv. by nonprof. inst.                         | 1,859  | 1,963  | 1,958  | 2,057  | 2,151  | 2,298  | 2,424  | 2,604  | 2,862  | 3,088  | 3,217  | 3,292  | 3,417  | 3,495  | 3,687  | 3,869  | 3,969  | 4,096  |

Source: U.S. Bureau of Economic Analysis, Interactive Tables: Personal Income and Employment, Personal Consumption Expenditures, By State: 1997-2014 <<http://www.bea.gov/regional/index.htm#data>> accessed December 1, 2015. See also "Personal Consumption Expenditures, By State: 1997-2014" (December 1, 2015) <<http://www.bea.gov/newsreleases/regional/pce/2015/pdf/pce1215.pdf>> accessed December 1, 2015.

**Table 13.37-- PERSONAL CONSUMPTION EXPENDITURES PER CAPITA, BY MAJOR TYPE OF PRODUCT: 1997 TO 2014**

[In current dollars. Per capita PCE estimates are in current dollars, and reflect Census Bureau midyear population estimates available as of December 2014. When initially released by the U.S. Bureau of Economic Analysis in August, 2014, the 1997 to 2012 estimates were considered 'prototype' and users were invited to evaluate and submit comments. These data are now 'official']

| Industry   | 1997   | 1998   | 1999   | 2000   | 2001   | 2002   | 2003   | 2004   | 2005   | 2006   | 2007   | 2008   | 2009   | 2010   | 2011   | 2012   | 2013   | 2014   |
|--|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Personal consumption expenditures (PCE) per capita                                   | 22,032 | 22,492 | 23,348 | 24,763 | 25,582 | 26,280 | 27,823 | 29,378 | 31,519 | 33,429 | 34,965 | 35,803 | 35,178 | 35,963 | 37,268 | 38,445 | 39,533 | 41,021 |
| Goods  | 7,499  | 7,422  | 7,952  | 8,454  | 8,756  | 8,958  | 9,486  | 10,126 | 10,809 | 11,321 | 11,646 | 11,751 | 11,376 | 11,674 | 12,202 | 12,586 | 12,911 | 13,177 |
| Durable goods  | 2,228  | 2,256  | 2,486  | 2,691  | 2,870  | 3,102  | 3,417  | 3,711  | 3,930  | 4,019  | 4,064  | 3,869  | 3,575  | 3,665  | 3,868  | 4,066  | 4,199  | 4,313  |
| Motor vehicles & parts   | 732    | 767    | 863    | 957    | 1,033  | 1,187  | 1,339  | 1,371  | 1,351  | 1,280  | 1,233  | 1,005  | 892    | 901    | 960    | 1,026  | 1,087  | 1,137  |
| Furnishings & durable household equipment  | 508    | 506    | 554    | 594    | 650    | 687    | 763    | 849    | 943    | 963    | 964    | 930    | 845    | 847    | 863    | 888    | 902    | 920    |
| Recreational goods & vehicles  | 624    | 632    | 705    | 765    | 836    | 887    | 947    | 1,088  | 1,186  | 1,288  | 1,354  | 1,413  | 1,344  | 1,373  | 1,402  | 1,448  | 1,491  | 1,527  |
| Other durable goods  | 363    | 350    | 365    | 375    | 352    | 341    | 369    | 403    | 450    | 488    | 514    | 520    | 493    | 543    | 644    | 704    | 719    | 729    |
| Nondurable goods   | 5,271  | 5,166  | 5,465  | 5,763  | 5,887  | 5,856  | 6,069  | 6,415  | 6,879  | 7,303  | 7,582  | 7,882  | 7,802  | 8,009  | 8,334  | 8,520  | 8,712  | 8,864  |
| Food & beverages purchased for off-premises consumption                              | 2,163  | 2,119  | 2,226  | 2,319  | 2,435  | 2,470  | 2,506  | 2,623  | 2,793  | 2,927  | 3,059  | 3,190  | 3,289  | 3,349  | 3,415  | 3,462  | 3,563  | 3,606  |
| Clothing and footwear  | 815    | 756    | 750    | 753    | 715    | 650    | 663    | 687    | 736    | 749    | 745    | 739    | 704    | 742    | 812    | 867    | 866    | 866    |
| Gasoline & other energy goods  | 425    | 373    | 400    | 486    | 441    | 414    | 475    | 559    | 658    | 761    | 803    | 902    | 644    | 725    | 833    | 816    | 766    | 710    |
| Other nondurable goods   | 1,868  | 1,918  | 2,089  | 2,205  | 2,295  | 2,322  | 2,425  | 2,546  | 2,692  | 2,866  | 2,975  | 3,051  | 3,165  | 3,193  | 3,273  | 3,375  | 3,517  | 3,682  |
| Services   | 14,533 | 15,070 | 15,396 | 16,309 | 16,826 | 17,322 | 18,337 | 19,252 | 20,711 | 22,108 | 23,319 | 24,052 | 23,801 | 24,289 | 25,066 | 25,859 | 26,622 | 27,845 |
| Household consumption expenditures (for services)                                    | 13,839 | 14,260 | 14,615 | 15,426 | 15,887 | 16,297 | 17,229 | 18,129 | 19,463 | 20,636 | 21,840 | 22,571 | 22,365 | 22,943 | 23,712 | 24,325 | 25,053 | 26,183 |
| Housing and utilities  | 3,904  | 4,098  | 4,321  | 4,595  | 4,837  | 4,997  | 5,183  | 5,402  | 5,810  | 6,336  | 6,949  | 7,437  | 7,696  | 7,989  | 8,349  | 8,484  | 8,681  | 8,882  |
| Health care  | 3,160  | 3,177  | 3,199  | 3,280  | 3,498  | 3,663  | 3,989  | 4,058  | 4,392  | 4,514  | 4,784  | 5,025  | 5,153  | 5,208  | 5,362  | 5,496  | 5,644  | 5,966  |
| Transportation services  | 731    | 766    | 798    | 834    | 859    | 852    | 885    | 940    | 999    | 1,033  | 1,024  | 991    | 888    | 894    | 923    | 986    | 1,034  | 1,080  |
| Recreation services  | 738    | 733    | 740    | 804    | 805    | 798    | 834    | 898    | 965    | 1,017  | 1,051  | 1,064  | 1,010  | 1,005  | 1,022  | 1,119  | 1,176  | 1,222  |
| Food services & accom.   | 1,131  | 1,107  | 1,123  | 1,168  | 1,190  | 1,212  | 1,310  | 1,443  | 1,551  | 1,652  | 1,713  | 1,688  | 1,589  | 1,643  | 1,755  | 1,899  | 1,965  | 2,063  |
| Financial services & insurance   | 1,621  | 1,666  | 1,787  | 1,940  | 1,855  | 1,905  | 1,988  | 2,149  | 2,326  | 2,429  | 2,599  | 2,612  | 2,470  | 2,591  | 2,633  | 2,574  | 2,690  | 2,826  |
| Other services   | 2,554  | 2,713  | 2,646  | 2,806  | 2,843  | 2,872  | 3,040  | 3,240  | 3,420  | 3,657  | 3,720  | 3,755  | 3,558  | 3,613  | 3,668  | 3,768  | 3,862  | 4,144  |
| Final consumption expenditures of nonprofit institutions serving households (NPISHs) | 695    | 809    | 781    | 883    | 939    | 1,025  | 1,108  | 1,123  | 1,248  | 1,471  | 1,479  | 1,481  | 1,437  | 1,345  | 1,354  | 1,534  | 1,569  | 1,661  |
| Gross output of nonprofit institutions   | 2,229  | 2,425  | 2,399  | 2,578  | 2,693  | 2,879  | 3,045  | 3,168  | 3,462  | 3,829  | 3,924  | 3,952  | 3,974  | 3,908  | 4,029  | 4,312  | 4,386  | 4,547  |
| Less: Receipts from sales of goods & serv. by nonprof. inst.                         | 1,534  | 1,615  | 1,618  | 1,695  | 1,754  | 1,854  | 1,937  | 2,044  | 2,214  | 2,358  | 2,445  | 2,471  | 2,538  | 2,562  | 2,675  | 2,778  | 2,817  | 2,886  |

Source: U.S. Bureau of Economic Analysis, Interactive Tables: Personal Income and Employment, Personal Consumption Expenditures Per Capita, By State: 1997-2014 (December 1, 2015) <<http://www.bea.gov/regional/index.htm#data>> accessed July 28, 2016. See also "Personal Consumption Expenditures, By State: 1997-2014" (December 1, 2015)

**Table 13.38-- PERSONAL CONSUMPTION EXPENDITURES PER CAPITA FOR THE UNITED STATES AVERAGE, THE 50 STATES  
AND THE DISTRICT OF COLUMBIA: 1997 TO 2014**

[In current dollars. Estimates for 1997-2012 revised from previous *Data Book*. When initially released these estimates were considered 'prototype' and users were invited to evaluate and submit comments. These data are now 'official'. insight into household spending patterns across states and can be used for state-level analysis of consumer activity and household economic well-being by state and regional policy makers for fiscal analysis and by businesses targeting regional markets.

| State               | 1997          | 1998          | 1999          | 2000          | 2001          | 2002          | 2003          | 2004          | 2005          | 2006          | 2007          | 2008          | 2009          | 2010          | 2011          | 2012          | 2013          | 2014          |
|---------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| U.S. average        | 20,384        | 21,387        | 22,591        | 24,061        | 24,914        | 25,658        | 26,752        | 28,194        | 29,743        | 31,166        | 32,352        | 32,912        | 32,077        | 32,962        | 34,268        | 35,160        | 35,977        | 37,196        |
| Hawaii              | 22,032        | 22,492        | 23,348        | 24,763        | 25,582        | 26,280        | 27,823        | 29,378        | 31,519        | 33,429        | 34,965        | 35,803        | 35,178        | 35,963        | 37,268        | 38,445        | 39,533        | 41,021        |
| Hawaii as % of U.S. | 108.1         | 105.2         | 103.4         | 102.9         | 102.7         | 102.4         | 104.0         | 104.2         | 106.0         | 107.3         | 108.1         | 108.8         | 109.7         | 109.1         | 108.8         | 109.3         | 109.9         | 110.3         |
| Alabama             | 17,243        | 17,902        | 18,780        | 19,677        | 20,331        | 21,185        | 22,043        | 23,280        | 24,839        | 25,692        | 26,501        | 26,929        | 26,389        | 27,318        | 28,390        | 29,072        | 29,771        | 30,494        |
| Alaska              | 23,320        | 24,245        | 25,544        | 27,471        | 28,884        | 30,650        | 32,282        | 34,073        | 36,041        | 37,647        | 39,275        | 40,775        | 40,052        | 40,915        | 42,632        | 43,568        | 44,740        | 46,229        |
| Arizona             | 19,223        | 20,061        | 21,131        | 22,398        | 22,992        | 23,640        | 24,663        | 26,299        | 28,062        | 29,771        | 31,018        | 30,873        | 29,695        | 30,421        | 31,546        | 32,240        | 32,944        | 33,934        |
| Arkansas            | 16,151        | 16,909        | 17,887        | 19,013        | 19,627        | 20,215        | 21,129        | 22,294        | 23,591        | 24,631        | 26,017        | 26,262        | 25,762        | 26,341        | 27,385        | 28,042        | 28,690        | 29,430        |
| California          | 20,848        | 21,776        | 23,129        | 24,870        | 25,722        | 26,553        | 27,632        | 29,290        | 31,008        | 32,796        | 34,381        | 34,874        | 33,296        | 34,030        | 35,330        | 36,419        | 36,932        | 38,206        |
| Colorado            | 22,605        | 23,926        | 25,575        | 27,578        | 28,546        | 28,887        | 29,856        | 31,260        | 32,745        | 33,946        | 35,107        | 35,447        | 34,183        | 34,622        | 35,992        | 36,830        | 37,699        | 39,216        |
| Connecticut         | 25,122        | 26,605        | 28,186        | 29,551        | 30,730        | 31,884        | 33,050        | 35,110        | 37,213        | 39,210        | 40,738        | 41,513        | 40,405        | 41,360        | 42,586        | 43,180        | 44,157        | 45,844        |
| Delaware            | 22,335        | 23,482        | 24,926        | 26,170        | 27,350        | 28,332        | 29,626        | 31,376        | 33,151        | 34,495        | 35,876        | 36,656        | 35,962        | 37,040        | 38,527        | 39,653        | 40,425        | 41,701        |
| Dist. of Col.       | 29,397        | 30,036        | 31,338        | 33,111        | 34,805        | 36,582        | 38,549        | 40,829        | 43,140        | 44,763        | 47,267        | 49,342        | 48,128        | 49,715        | 51,383        | 52,219        | 53,242        | 55,141        |
| Florida             | 20,445        | 21,401        | 22,252        | 23,710        | 24,553        | 25,090        | 26,140        | 27,712        | 29,446        | 31,153        | 32,135        | 32,315        | 31,359        | 32,310        | 33,646        | 34,374        | 35,207        | 36,397        |
| Georgia             | 19,278        | 20,112        | 21,282        | 22,624        | 23,211        | 23,830        | 24,825        | 25,883        | 27,318        | 28,234        | 29,104        | 29,111        | 28,099        | 28,831        | 30,130        | 30,840        | 31,741        | 32,815        |
| <b>Hawaii</b>       | <b>22,032</b> | <b>22,492</b> | <b>23,348</b> | <b>24,763</b> | <b>25,582</b> | <b>26,280</b> | <b>27,823</b> | <b>29,378</b> | <b>31,519</b> | <b>33,429</b> | <b>34,965</b> | <b>35,803</b> | <b>35,178</b> | <b>35,963</b> | <b>37,268</b> | <b>38,445</b> | <b>39,533</b> | <b>41,021</b> |
| Idaho               | 17,608        | 18,335        | 19,401        | 20,676        | 21,197        | 21,761        | 22,731        | 24,167        | 25,907        | 27,438        | 28,470        | 28,824        | 27,730        | 28,639        | 29,780        | 30,750        | 31,628        | 32,553        |
| Illinois            | 21,562        | 22,569        | 23,597        | 25,338        | 26,124        | 26,843        | 27,827        | 29,157        | 30,732        | 32,138        | 33,575        | 33,997        | 33,317        | 34,140        | 35,476        | 36,318        | 37,169        | 38,532        |
| Indiana             | 19,271        | 20,219        | 21,327        | 22,465        | 23,198        | 23,882        | 24,820        | 26,331        | 27,586        | 28,565        | 29,392        | 29,973        | 29,214        | 30,147        | 31,334        | 32,308        | 32,867        | 33,758        |
| Iowa                | 19,133        | 20,130        | 21,231        | 22,448        | 23,025        | 23,547        | 24,610        | 26,089        | 27,336        | 28,604        | 29,608        | 30,652        | 30,410        | 31,227        | 32,741        | 33,515        | 34,175        | 35,258        |
| Kansas              | 18,606        | 19,671        | 20,833        | 22,122        | 22,879        | 23,338        | 24,393        | 25,759        | 26,982        | 28,416        | 29,617        | 30,453        | 29,757        | 30,333        | 31,785        | 32,649        | 33,542        | 34,662        |
| Kentucky            | 17,506        | 18,379        | 19,348        | 20,574        | 21,137        | 21,848        | 22,766        | 23,966        | 25,253        | 26,415        | 27,082        | 27,655        | 27,473        | 28,434        | 29,644        | 30,601        | 31,129        | 31,775        |
| Louisiana           | 17,065        | 17,896        | 18,663        | 19,629        | 20,378        | 21,063        | 22,040        | 23,180        | 24,117        | 27,065        | 28,059        | 28,529        | 28,093        | 28,938        | 30,161        | 31,168        | 32,056        | 32,979        |
| Maine               | 20,843        | 22,274        | 23,690        | 24,919        | 26,133        | 27,283        | 28,718        | 30,519        | 32,158        | 33,659        | 35,060        | 36,033        | 35,693        | 36,873        | 38,050        | 38,832        | 39,779        | 41,148        |
| Maryland            | 22,098        | 23,200        | 24,516        | 26,228        | 27,425        | 28,470        | 29,840        | 31,592        | 33,466        | 35,228        | 36,716        | 37,388        | 36,871        | 37,659        | 38,702        | 39,547        | 40,326        | 41,460        |
| Massachusetts       | 25,397        | 26,769        | 28,220        | 30,408        | 31,831        | 32,652        | 34,198        | 36,327        | 38,421        | 40,316        | 41,494        | 42,644        | 41,721        | 43,062        | 44,306        | 45,325        | 46,223        | 48,020        |
| Michigan            | 20,847        | 21,798        | 23,108        | 24,310        | 24,989        | 25,622        | 26,503        | 27,703        | 28,776        | 29,850        | 30,605        | 31,455        | 31,002        | 31,909        | 33,318        | 34,091        | 34,899        | 36,218        |
| Minnesota           | 22,956        | 24,011        | 25,683        | 27,582        | 28,515        | 29,487        | 30,664        | 32,165        | 33,101        | 34,247        | 35,231        | 35,916        | 35,107        | 36,042        | 37,521        | 38,507        | 39,521        | 40,849        |
| Mississippi         | 15,184        | 15,990        | 16,958        | 17,900        | 18,628        | 19,366        | 20,297        | 21,423        | 22,677        | 24,187        | 24,772        | 25,349        | 24,994        | 25,985        | 27,120        | 27,839        | 28,588        | 29,386        |
| Missouri            | 20,437        | 21,359        | 22,513        | 23,624        | 24,477        | 25,412        | 26,315        | 27,271        | 28,419        | 29,233        | 30,300        | 31,253        | 30,854        | 31,476        | 32,755        | 33,729        | 34,370        | 35,052        |
| Montana             | 18,219        | 19,223        | 20,395        | 21,670        | 22,773        | 24,018        | 25,294        | 26,923        | 28,657        | 30,367        | 32,174        | 33,200        | 32,180        | 33,202        | 34,537        | 35,796        | 37,077        | 38,518        |
| Nebraska            | 19,397        | 20,288        | 21,408        | 22,733        | 23,813        | 24,439        | 25,759        | 27,272        | 28,756        | 29,910        | 31,132        | 32,020        | 31,364        | 32,416        | 33,966        | 34,866        | 35,763        | 36,857        |
| Nevada              | 20,216        | 20,771        | 22,178        | 23,284        | 24,054        | 24,673        | 25,822        | 27,577        | 29,494        | 31,064        | 31,996        | 32,057        | 30,432        | 30,962        | 32,180        | 32,948        | 33,668        | 34,469        |
| New Hampshire       | 23,889        | 25,171        | 26,662        | 28,412        | 29,536        | 30,583        | 32,466        | 34,628        | 36,650        | 38,218        | 39,495        | 40,563        | 39,975        | 40,963        | 42,733        | 43,653        | 44,890        | 46,633        |
| New Jersey          | 24,263        | 25,521        | 26,863        | 28,768        | 30,219        | 31,897        | 33,605        | 35,223        | 37,082        | 39,175        | 40,500        | 41,085        | 40,238        | 41,048        | 42,173        | 43,146        | 44,055        | 45,496        |

Continued on next page.

**Table 13.38-- PERSONAL CONSUMPTION EXPENDITURES PER CAPITA FOR THE UNITED STATES AVERAGE, THE 50 STATES  
AND THE DISTRICT OF COLUMBIA: 1997 TO 2014 -- Con.**

| State          | 1997   | 1998   | 1999   | 2000   | 2001   | 2002   | 2003   | 2004   | 2005   | 2006   | 2007   | 2008   | 2009   | 2010   | 2011   | 2012   | 2013   | 2014   |
|----------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| New Mexico     | 17,816 | 18,683 | 19,659 | 20,729 | 21,556 | 22,308 | 23,365 | 24,934 | 26,373 | 27,707 | 28,861 | 29,916 | 29,200 | 29,889 | 31,083 | 32,008 | 32,772 | 33,943 |
| New York       | 22,106 | 23,215 | 24,560 | 26,129 | 27,159 | 27,978 | 29,357 | 31,067 | 33,044 | 34,759 | 36,367 | 37,336 | 36,776 | 38,102 | 39,597 | 40,510 | 41,744 | 43,727 |
| North Carolina | 18,581 | 19,131 | 20,281 | 21,489 | 21,951 | 22,260 | 23,095 | 24,313 | 25,692 | 26,661 | 27,748 | 27,936 | 27,259 | 28,247 | 29,190 | 30,172 | 31,024 | 32,056 |
| North Dakota   | 19,535 | 20,429 | 21,378 | 22,727 | 23,927 | 25,068 | 26,286 | 27,714 | 29,323 | 30,914 | 32,591 | 34,274 | 34,179 | 36,642 | 39,944 | 43,425 | 45,389 | 47,739 |
| Ohio           | 19,786 | 20,839 | 21,999 | 23,391 | 24,224 | 25,082 | 26,151 | 27,152 | 28,390 | 29,264 | 30,375 | 30,803 | 30,254 | 31,213 | 32,467 | 33,415 | 34,222 | 35,333 |
| Oklahoma       | 16,725 | 17,505 | 18,331 | 19,483 | 20,349 | 20,726 | 21,705 | 22,808 | 24,346 | 25,699 | 26,705 | 27,723 | 27,056 | 28,032 | 29,587 | 30,639 | 31,323 | 32,266 |
| Oregon         | 20,837 | 21,744 | 22,976 | 24,304 | 24,855 | 25,622 | 26,557 | 28,327 | 29,841 | 31,403 | 32,545 | 32,801 | 31,655 | 32,326 | 33,586 | 34,338 | 35,278 | 36,767 |
| Pennsylvania   | 20,304 | 21,368 | 22,607 | 24,121 | 25,180 | 26,030 | 27,424 | 28,812 | 30,242 | 31,539 | 32,820 | 33,817 | 33,353 | 34,389 | 35,778 | 36,670 | 37,481 | 38,609 |
| Rhode Island   | 20,632 | 21,562 | 22,501 | 24,357 | 25,217 | 26,420 | 28,157 | 29,901 | 31,876 | 33,462 | 34,812 | 35,684 | 35,162 | 36,064 | 37,046 | 37,650 | 38,529 | 39,774 |
| South Carolina | 17,814 | 18,681 | 19,764 | 20,846 | 21,388 | 22,020 | 23,028 | 24,354 | 25,726 | 26,907 | 27,897 | 28,423 | 27,785 | 29,204 | 30,239 | 30,809 | 31,621 | 32,280 |
| South Dakota   | 18,648 | 19,580 | 20,672 | 21,747 | 22,601 | 23,513 | 25,016 | 26,718 | 28,377 | 29,706 | 31,225 | 32,295 | 31,731 | 33,011 | 34,415 | 35,090 | 35,853 | 36,899 |
| Tennessee      | 19,036 | 19,884 | 20,944 | 22,071 | 22,478 | 23,041 | 23,864 | 25,032 | 26,180 | 27,355 | 28,125 | 28,336 | 27,686 | 28,876 | 30,207 | 30,856 | 31,480 | 32,350 |
| Texas          | 18,979 | 20,045 | 21,162 | 22,663 | 23,581 | 23,998 | 24,714 | 25,792 | 27,317 | 28,379 | 29,353 | 29,802 | 28,948 | 29,736 | 31,290 | 32,257 | 33,189 | 34,484 |
| Utah           | 18,525 | 19,329 | 20,284 | 21,339 | 21,838 | 22,407 | 23,104 | 24,720 | 26,416 | 28,115 | 29,303 | 29,562 | 28,313 | 28,555 | 29,399 | 30,263 | 31,211 | 32,406 |
| Vermont        | 22,231 | 23,337 | 24,549 | 26,100 | 27,584 | 28,714 | 30,090 | 32,109 | 34,064 | 35,638 | 36,929 | 38,194 | 37,825 | 39,182 | 40,752 | 41,604 | 43,088 | 44,768 |
| Virginia       | 20,410 | 21,598 | 23,180 | 24,841 | 25,737 | 26,567 | 27,964 | 29,753 | 31,645 | 33,070 | 34,436 | 35,089 | 34,342 | 35,117 | 36,340 | 37,209 | 37,832 | 38,813 |
| Washington     | 21,391 | 23,376 | 24,831 | 26,476 | 26,897 | 27,563 | 28,788 | 30,450 | 31,957 | 33,495 | 35,025 | 35,656 | 34,707 | 35,431 | 36,696 | 37,865 | 38,938 | 40,282 |
| West Virginia  | 16,409 | 17,205 | 18,211 | 19,352 | 20,205 | 21,165 | 21,991 | 23,290 | 24,363 | 25,417 | 26,321 | 27,315 | 27,563 | 28,738 | 30,013 | 30,844 | 31,586 | 32,311 |
| Wisconsin      | 20,092 | 21,078 | 22,381 | 23,591 | 24,550 | 25,360 | 26,604 | 28,037 | 29,392 | 30,772 | 31,790 | 32,592 | 32,037 | 32,741 | 33,851 | 34,318 | 35,203 | 36,290 |
| Wyoming        | 19,303 | 20,445 | 21,679 | 22,990 | 23,932 | 24,889 | 26,359 | 28,201 | 30,252 | 32,651 | 34,552 | 36,025 | 33,551 | 34,412 | 36,186 | 36,903 | 37,615 | 39,076 |

Source: U.S. Bureau of Economic Analysis, Interactive Tables: Personal Income and Employment, Personal Consumption Expenditures, By State: 1997-2014 <<http://www.bea.gov/regional/index.htm#data>> accessed December 1, 2015. See also "Personal Consumption Expenditures, By State: 1997-2014" (December 1, 2015) <<http://www.bea.gov/newsreleases/regional/pce/2015/pdf/pce1215.pdf>> accessed December 1, 2015.



**Table 13.39-- TOP WEALTHHOLDERS: 1962 TO 2007**

[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    |

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; and in 2007, \$59,625, \$14,136, and \$5,193 respectively

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

**Table 13.40--TOP WEALTHHOLDERS WITH NET WORTH OF \$1 MILLION OR MORE, NET WORTH AND SELECTED ASSETS, U.S. AND HAWAII: 2001, 2004, AND 2007**

[Wealthholders above \$1.0 million in 2001; \$1.5 million in 2004, and \$2.0 million in 2007. Data are estimates based on samples. Numbers are in thousands. Amounts are in millions of dollars]

| Category                 | United States | Hawaii | Hawaii as percent of U.S. |
|--------------------------|---------------|--------|---------------------------|
| 2001                     |               |        |                           |
| Net worth: Number        | 3,510         | 13     | 0.4                       |
| Amount                   | 11,275,755    | 29,387 | 0.3                       |
| Total assets: Amount     | 11,169,794    | 17,801 | 0.2                       |
| Financial assets: Number | 3,506         | 13     | 0.4                       |
| Amount                   | 9,611,914     | 16,124 | 0.2                       |
| All other assets: Number | 3,241         | 11     | 0.3                       |
| Amount                   | 1,557,880     | 1,677  | 0.1                       |
| All real estate: Number  | 3,085         | 12     | 0.4                       |
| Amount                   | 2,207,780     | 15,928 | 0.7                       |
| 2004                     |               |        |                           |
| Net worth: Number        | 2,196         | 7      | 0.3                       |
| Amount                   | 9,721,133     | 22,552 | 0.2                       |
| Total assets: Amount     | 10,340,723    | 24,375 | 0.2                       |
| Financial assets: Number | 2,194         | 6      | 0.4                       |
| Amount                   | 6,622,433     | 11,903 | 0.2                       |
| All other assets: Number | 2,042         | 5      | 0.3                       |
| Amount                   | 1,441,099     | 1,825  | 0.1                       |
| All real estate: Number  | 1,974         | 7      | 0.4                       |
| Amount                   | 2,277,191     | 10,647 | 0.7                       |
| 2007                     |               |        |                           |
| Net worth: Number        | 1,841         | 7      | 0.4                       |
| Amount                   | 11,627,389    | 75,601 | 0.7                       |
| Total assets: Amount     | 12,361,069    | 78,954 | 0.6                       |
| Financial assets: Number | 1,838         | 6      | 0.3                       |
| Amount                   | 7,717,780     | 59,625 | 0.8                       |
| All other assets: Number | 1,717         | 6      | 0.3                       |
| Amount                   | 2,125,608     | 5,193  | 0.2                       |
| All real estate: Number  | 1,654         | 7      | 0.4                       |
| Amount                   | 2,517,681     | 14,136 | 0.6                       |

Source: U. S. Department of Treasury, Internal Revenue Service, *Statistics of Income Bulletin, Winter 2002-2003 Issue*, "Personal Wealth, 2001", table 6 <<http://www.irs.gov/pub/irs-soi/01pwart.pdf>> accessed April 5, 2007; IRS Tax Stats "Top Wealthholders with Net Worth of \$1.5 Million or more by State of Residence: 2004", table 6 <<http://www.irs.gov/taxstats/article/0,,id=185880,00.html>> accessed August 25, 2008; Ibid. "Table 6 - Personal Wealth 2007: Top Wealth Holders with Net Worth of \$2.0 Million or More, Net Worth and Selected Assets, by State of Residence" <<https://www.irs.gov/uac/soi-tax-stats-personal-wealth-statistics>> accessed March 5, 2012; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

**Table 13.41-- NET WORTH OF RICHEST RESIDENTS: 2008 TO 2015**

| Name                    | Residence | Age (yrs) | Net worth (million dollars) | Rank | Primary sources   |
|-------------------------|-----------|-----------|-----------------------------|------|---|
| 2008<br>Omidyar, Pierre | Honolulu  | 41        | 6,300                       | 54   | Self made, launched Ebay on-line auction 1995, technology newspapers, cable TV) |
| 2009<br>Omidyar, Pierre | Honolulu  | 42        | 5,500                       | 40   | Self made, launched Ebay on-line auction 1995, technology newspapers, cable TV) |
| 2010<br>Omidyar, Pierre | Honolulu  | 43        | 5,500                       | 47   | Self made, launched Ebay on-line auction 1995, technology newspapers, cable TV) |
| 2011<br>Omidyar, Pierre | Honolulu  | 44        | 6,200                       | 50   | Self made, launched Ebay on-line auction 1995, technology newspapers, cable TV) |
| 2012<br>Omidyar, Pierre | Honolulu  | 45        | 8,200                       | 42   | Self made, launched Ebay on-line auction 1995, technology newspapers, cable TV) |
| 2013<br>Omidyar, Pierre | Honolulu  | 46        | 8,500                       | 47   | Self made, launched Ebay on-line auction 1995, technology newspapers, cable TV) |
| 2014<br>Omidyar, Pierre | Honolulu  | 47        | 8,200                       | 59   | Self made, launched Ebay on-line auction 1995, technology newspapers, cable TV) |
| 2015<br>Omidyar, Pierre | Honolulu  | 48        | 8,400                       | 57   | Self made, launched Ebay on-line auction 1995, technology newspapers, cable TV) |

Source: *Forbes*, "The Forbes 400 Richest Americans, 2006" <<http://www.forbes.com/400richest/>> accessed September 22, 2006; for 2008 accessed September 17, 2008; for 2009 accessed October 19, 2009; for 2010 <<http://www.forbes.com/wealth/forbes-400/list>> 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; and for 2015 accessed October 28, 2015.