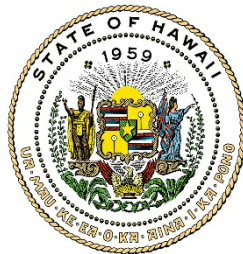
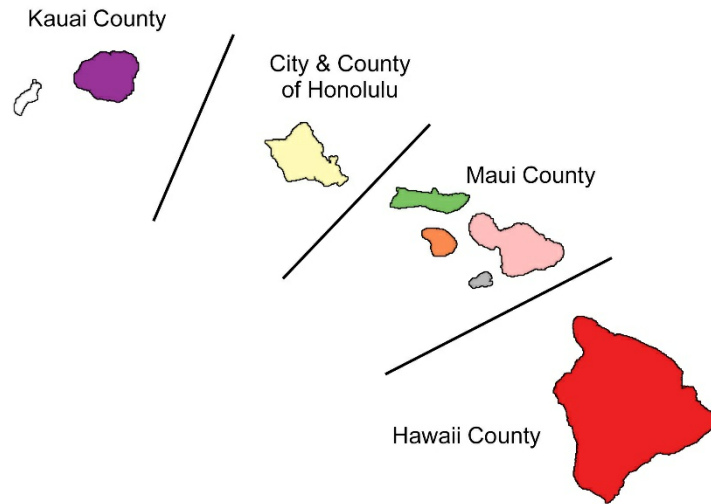




COUNTY SOCIAL, BUSINESS AND ECONOMIC TRENDS IN HAWAII 1990 - 2016



December 2017

This report presents annual statistics on social, business and economic trends for the State and each of its four counties, from 1990 to 2016.

DBEDT published a number of reports on county trends in the past

- *Statistical Report 116, County Trends in Hawaii Since 1960* (1976); and
- *Statistical Report 224, County and District Trends in Hawaii, 1991* (January 1992).

This report is the eighth in the resumed series:

- *County Social, Business and Economic Trends in Hawaii: 1990 – 2006* (December 2007);
- *County Social, Business and Economic Trends in Hawaii: 1990 – 2007* (December 2008);
- *County Social, Business and Economic Trends in Hawaii: 1990 – 2008* (December 2009);
- *County Social, Business and Economic Trends in Hawaii: 1990 – 2010* (December 2011);
- *County Social, Business and Economic Trends in Hawaii: 1990 – 2011* (April 2013);
- *County Social, Business and Economic Trends in Hawaii: 1990 – 2013* (December 2014);
- *County Social, Business and Economic Trends in Hawaii: 1990 – 2014* (December 2015); and
- *County Social, Business and Economic Trends in Hawaii: 1990 – 2016* (December 2017).

The present report consists of seventy-six statistical series selected to track major social, business, and economic trends in the State and its counties. Only those available at the county-level on an annual basis were considered. Many related statistics were omitted, for example, if available only from the decennial population census or the quinquennial economic census. Also excluded were statistics compiled for the State only or limited to a single county. For county-level data on a monthly or quarterly basis, the reader is directed to the “Monthly Economic Indicators” <<http://dbedt.hawaii.gov/economic/mei/>> and the *Quarterly Statistical & Economic Report* (QSER) <<http://dbedt.hawaii.gov/economic/qser/>> respectively. Other annual data may be found in the *State of Hawaii Data Book* <http://dbedt.hawaii.gov/economic/databook/>.

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Overview

Between 1990 and 2016, Hawaii resident population grew at an average annual rate of 1.0 percent. The City & County of Honolulu experienced slower annual growth at 0.7 percent, Hawaii and Maui counties grew at 1.9 percent, while Kauai County grew 1.3 percent per year.

Statewide resident births totaled 18,007 in 2016, representing a decline of 11.9 percent from 1990. Honolulu, Kauai, and Maui counties experienced declines in births of 15.9 percent, 10.9 percent, and 0.3 percent respectively, while Hawaii County has increased 5.3 percent over the period.

Total deaths in the state were 10,718 in 2016. This represents a 1.8 percent annual average increase between 1990 and 2016.

Statewide housing units increased 37.8 percent from 1990 and reached 537,114 in 2016. Hawaii County registered the highest growth at 79.8 percent, followed by Kauai County (74.1 percent), Maui County (71.0 percent), and Honolulu County (23.3 percent).

The civilian labor force grew slower than the resident population. The statewide labor force increased by 134,500 persons from 1990 to 2016, or 0.8 percent annual average increase. Honolulu experienced the slowest increase at 0.6 percent a year. Hawaii County grew at the highest rate or 1.7 percent per year, followed closely by Maui County at 1.5 percent, and Kauai County at 1.2 percent a year.

There was an increase of 115,600 total wage and salary jobs from 1990 to 2016 or 0.8 percent annual average growth. County level

data on agriculture jobs are not available beyond 2011. Non-agricultural wage and salary jobs statewide during the 1990 to 2016 period showed an increase of 119,200 jobs or 4,600 per year. Honolulu County gained 65,300 jobs, or 2,500 jobs per year, followed by Maui County 26,300 jobs, or 1,000 jobs per year, Hawaii County 21,400 jobs, or 800 jobs per year, and Kauai County 6,200 jobs, or 200 jobs per year.

Over the 1990-2016 period jobs in the statewide non-agricultural private sector showed an average increase of 0.8 percent, while in Honolulu County 0.6 percent, Maui County 1.6 percent, Hawaii County 1.4 percent and Kauai County 0.8 percent.

Gross domestic product (GDP) data for the state are available from 1963. Beginning with 2001, GDP estimates are available for the Metropolitan Statistical Areas (MSA) of Urban Honolulu and Kahului-Wailuku-Lahaina (contiguous with Maui County) MSA, and the remainder of the state as Non-MSA. For the 2001-2016 period, average annual GDP growth for the state was 4.5 percent and 4.9 percent for Honolulu, 4.2 percent for Maui County, and 3.1 percent for the Non-MSA area of Hawaii-Kauai counties.

Total statewide personal income increased at an average increase of 4.1 percent between 1990 and 2016 and the counties from 3.9 percent to 5.2 percent. Per capita personal income increased an average 3.2 percent per year at the state level and an average 3.2 to 3.3 percent annually for the counties.

Taxable retail sales in the state totaled \$29.0 billion in 2016, representing an annual average increase rate of 3.2 percent between

1990 and 2016. Honolulu County had the largest annual average increase in retail sales at 3.4 percent.

Statewide taxable services tax base grew an average of 4.5 percent annually to \$13.6 billion in 2016. Kauai and Maui counties experienced a higher growth than the other two counties during the period.

Reflecting the economic recovery started in 2010, the construction tax base increased in 2011 through 2016 with a single decline in 2014. By 2016 the contracting tax base totaled \$8.3 billion, 2.7 percent higher than the 2007 peak but 48.3 percent higher than the 2010 low.

The value of hotel room sales in the state (hotel rentals tax base) reached \$4.5 billion in 2016, representing a 186.2 percent increase from 1990. Honolulu County had the largest increase at 211.5 percent, Kauai County at 184.8 percent, Hawaii County at 132.6 percent, and Maui County at 79.8 percent.

General excise and use tax revenues, from 1990 to 2016, grew the most in Honolulu County (163.1 percent), followed by Kauai County (146.6 percent), Maui County (128.6 percent) and Hawaii County (107.2 percent).

Visitor arrivals by air fluctuated between 6.0 to 6.9 million until 2005 when arrivals first broke the 7.0 million mark. After a few years of slowdown during the 2008 recession period, visitor arrivals increased significantly every year to record 8.8 million in 2016.

On a typical day in 2016, there were 217,675 visitors in the state. In other words, for every seven persons in the state, one was a visitor. In Honolulu County, the ratio was one in ten, Hawaii County one in seven, and in Kauai and Maui counties one in four. All counties

experienced increases in the daily visitor census between 1990 and 2016.

The number of visitor accommodation units rose 501 units in Honolulu County between 1990 and 2016, Maui County gained 4,030 units, Hawaii County added 2,397 units, Kauai County increased 898 units.

The statewide hotel occupancy rate marked the highest level at 81.1 percent in 2005. It declined since then to 64.8 percent in 2009, the lowest level since 1990. The Hawaii tourism market recovery started in 2010 and brought an increase in statewide hotel occupancy reaching 79.1 percent in 2016. Oahu and the neighbor islands showed quite different occupancy rates. While occupancy on Oahu was as high as 84.2 percent in 2016, occupancy on the neighbor islands was much lower.

Statewide, the hotel room rate more than doubled between 1990 and 2016, reaching \$254.84. This doubling occurred in all counties except Hawaii. The statewide room rate increased by 3.6 percent annually on average over the period with the largest rise in Kauai County at 4.0 percent, followed by Maui County at 3.7 percent, Honolulu County at 3.5 percent, and Hawaii County at 2.5 percent annually. In 2016, the average daily hotel room rate was the highest in Maui County at \$332.52 a night due to the larger number of luxury hotel rooms. Honolulu County had the lowest average room rate at \$227.51 a night.

The cumulative value of private building permits from 1990 to 2016 was \$60.8 billion statewide, with the important caveat that since late 2001, only residential permits for Kauai County have been available for compilation. Of that \$60.8 billion, 47.5 percent was residential, 17.7 percent was

commercial and industrial, and 34.8 percent was additions and alterations. Over the period, 60.8 percent of the permit value was for Honolulu County, 20.7 percent for Hawaii County, 16.3 percent for Maui, and 6.5 percent for Kauai County.

According to the surveys conducted by the U.S. Census Bureau, Hawaii had 31,915 business establishments with payrolls in 2015. That figure represents an increase of 2,602 establishments over 1990. Maui County had the largest increase in business establishments at 1,306, followed by Hawaii County at 626 and Kauai County at 499, while Honolulu County lost 9 establishments. Establishments classified as “Statewide”, or those not attributable to a particular county, increased by 179 over the 1990-2015 period.

In a Hawaii State Department of Labor & Industrial Relations survey of the 38,455 private employers in the state in 2016, Oahu accounted for 66.7 percent, Maui 14.1 percent, Hawaii 13.0 percent, and Kauai 6.2 percent. All counties except Hawaii experienced increases in number of private employers between 1990 and 2016. About 95 percent of private employers hired fewer than 50 employees across the state and across the period.

Sugar plantation agriculture ended by 1997 in Honolulu and Hawaii. Though still operating in the counties of Kauai and Maui, total value of sugar sales statewide dropped to \$44.2 million in 2008, which was only 20.7 percent of the sales value in 1990. The value of sugar sales was high again at around \$70 million per year between 2010 and 2013, but declined to \$48.1 million in 2015.

Statewide value of pineapple (fresh equivalent) sales in 1990 was \$99.3 million but declined to \$73.7 million in 2006. Due to

statistical limitations the 2007 value and the county detail beyond 2004 are not available.

As an indication of diversified agriculture, the value of crop sales other than sugar and pineapple increased dramatically from 1990 to 2011. The value of sales reached \$524.8 million statewide in 2011 but beginning in 2012, however, there was a series of annual declines reaching a total value of \$398.7 million in 2015.

Statewide water consumption increased by 674 million gallons (0.9 percent) in 2016 from the previous year. This increase was seen in all counties. In Honolulu County, an increase of 86 million gallons, Maui of 101 million gallons, Kauai of 28 million gallons, with the largest increase in Hawaii County at 459 million gallons.

Statewide electricity sales in 2016 was 9,284 million KWH, which was 11.7 percent higher than sales in 1990, but 12.3 percent lower than sales in the peak year 2007. As compared with 2015, a net statewide decline of 1.1 percent in 2016 was due to declines in electricity sales in Maui and Honolulu, but increases in Hawaii and Kauai counties.

The number of total residential electricity customers increased to 431,496 in 2016 or by 34.8 percent between 1990 and 2016. Honolulu gained 51,652 customers, Hawaii County added 29,727, Maui County increased by 20,848, and Kauai County had 9,054 more electricity customers in 2016 than in 1990.

Statewide utility gas sales were fairly level during the 1990 to 2016 period. Sales statewide in 2016 was 2.0 percent higher than the sales in 1990. While Honolulu County, Hawaii and Maui County showed small increases over the period, Kauai County

demonstrated nearly a tripling in gas sales during the period.

The number of registered voters increased significantly between 1990 and 2016 at 57.6 percent statewide, a rate much higher than the population growth. Maui County had the highest growth in voter registration at 114.7 percent.

Of the registered voters in the state, about 58.4 percent of them went to vote in the 2016 general election. The voting rates across the counties were between 56.4 and 61.4 percent in 2016.

Statewide number of hospital beds was relatively stable until 2010-- averaging 2,562 beds between 1990 and 2010, but about 9 percent lower or 2,341 during 2011-2015.

The number of recipients of temporary assistance to needy families decreased significantly every year until 2008. Although slight increases were observed in the following years, the number in 2016 was still much lower than in 1998 in all counties. Over the 1998 to 2016 period Honolulu declined 73.6 percent, Kauai 70.1 percent,

Maui 55.2 percent and Hawaii 52.1 percent. The number of recipients of temporary assistance to other needy families also dropped for all the counties.

The average monthly number of individuals served by the food stamp program was the highest in 1996 for the state at 129,430 individuals. From the 1996 high the number dropped to 88,848 in 2007, then rose to 179,138 in 2016, for a 38.4 percent increase from the 1996 peak, and 101.6 percent increase from the 2007 low.

In 2015, there were a total of 1,233,523 vehicles registered in the state. From 1990 to 2015, the average increase in registered vehicles was 13,777 per year.

There was an average of 69,800 crime cases a year statewide during the 1990-2005 period. The statewide crime cases decreased almost every year since 2006 to mark 48,919 cases in 2015. Honolulu accounted for 68.5 percent of the state total in 2015 at 33,522, followed by Maui at 6,562 per year (13.4 percent of the state total), Hawaii County at 7,096 (14.5 percent of state total), Kauai County at 1,739 (3.6 percent).

A. Population and Housing

Resident population for the state grew by 28.3 percent from 1990 to 2016. Leading the growth was Hawaii County at 63.2 percent followed by Maui County at 62.7 percent. Resident population in Kauai County grew by 39.4 percent, and Honolulu County saw the slowest growth at 18.4 percent during the same period. Between 1990 and 2016, Hawaii resident population grew at an average annual rate of 1.0 percent. The City & County of Honolulu experienced slower annual growth at 0.7 percent, Hawaii and Maui counties grew at 1.9 percent, while Kauai County grew 1.3 percent per year.

Due to the difference in relative growth, by 2016, Honolulu County accounted for 69.5 percent of the state total resident population, down from 75.3 percent in 1990. Hawaii County increased population share from 10.9 percent in 1990 to 13.9 percent in 2016. Maui County also gained population share from 9.1 percent in 1990 to 11.6 percent in 2016. Kauai County's population share increased from 4.6 percent in 1990 to 5.0 percent in 2016.

Statewide resident births totaled 18,007 in 2016, representing a decline of 11.9 percent from 1990. Honolulu, Kauai, and Maui

counties experienced declines in births of 15.9 percent, 10.9 percent, and 0.3 percent respectively, while Hawaii County has increased 5.3 percent over the period.

Total deaths in the state were 10,718 in 2016. This represents a 1.8 percent annual average increase between 1990 and 2016. In 2016, the natural population change (births less deaths) was an increase of 7,289.

Statewide housing units increased 37.8 percent from 1990 and reached 537,114 in 2016. Hawaii County registered the highest growth at 79.8 percent, closely followed by Kauai County (74.1 percent), and Maui County (71.0 percent). The growth of housing units in Honolulu County was much smaller at 23.3 percent during the same twenty-six year period. In 1990, Honolulu accounted for 72.3 percent of the housing units, followed by Hawaii, Maui then Kauai at 12.4 percent, 10.8 percent, and 4.5 percent respectively. By 2016, Honolulu County accounted for 64.7 percent of total state housing units, Hawaii County had 16.2 percent; Maui County had 13.5 percent while Kauai County had 5.7 percent of the total.

Table A-1.-- RESIDENT POPULATION

Year	State	Honolulu	Hawaii	Kauai	Maui
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	1,363,945	956,325	185,339	67,209	155,072
2011	1,377,864	966,279	186,933	67,803	156,849
2012	1,391,820	975,909	188,765	68,558	158,588
2013	1,406,481	984,730	191,147	69,628	160,976
2014	1,416,349	988,586	193,885	70,540	163,338
2015	1,425,157	993,166	196,156	71,478	164,357
2016	1,428,557	992,605	198,449	72,029	165,474
Percentage Change from Previous Year					
1991	2.1	1.4	4.7	3.3	3.8
1992	1.9	1.6	3.4	2.0	2.8
1993	1.2	0.7	2.6	1.9	3.1
1994	1.3	0.9	1.9	1.8	2.5
1995	0.8	0.3	2.0	1.0	2.7
1996	0.6	0.2	1.0	1.1	2.4
1997	0.7	0.4	1.8	0.0	1.7
1998	0.3	0.0	1.0	0.2	1.5
1999	-0.4	-0.9	0.8	0.7	1.2
2000	0.3	-0.3	1.5	0.5	2.3
2001	1.0	0.7	1.6	0.9	2.6
2002	1.1	0.9	1.9	1.5	1.6
2003	0.9	0.4	2.5	1.4	2.2
2004	1.8	1.5	2.8	2.1	2.2
2005	1.5	1.1	3.3	1.2	2.0
2006	1.3	1.0	3.1	1.0	1.6
2007	0.5	-0.2	2.4	1.6	1.6
2008	1.3	0.9	2.1	1.7	2.2
2009	1.1	1.0	1.2	1.4	1.3
2010	1.3	1.4	0.9	1.0	1.1
2011	1.0	1.0	0.9	0.9	1.1
2012	1.0	1.0	1.0	1.1	1.1
2013	1.1	0.9	1.3	1.6	1.5
2014	0.7	0.4	1.4	1.3	1.5
2015	0.6	0.5	1.2	1.3	0.6
2016	0.2	-0.1	1.2	0.8	0.7

Source: Hawaii State Department of Business, Economic Development & Tourism, *State of Hawaii Data Book 2016*, Tables 1.06 and 13.12 <<http://dbedt.hawaii.gov/economic/databook/>> and calculations.

Table A-2. DE FACTO POPULATION

Year	State	Honolulu	Hawaii	Kauai	Maui
1990	1,257,319	913,268	137,103	68,558	138,390
1991	1,252,265	901,717	141,240	69,605	139,703
1992	1,271,662	912,514	146,421	66,076	146,651
1993	1,267,849	909,506	148,014	61,262	149,067
1994	1,289,804	919,898	150,311	67,161	152,434
1995	1,298,096	921,626	152,482	68,844	155,144
1996	1,303,915	921,609	154,364	70,474	157,468
1997	1,327,930	932,931	161,225	71,763	162,011
1998	1,334,125	931,439	165,205	73,920	163,562
1999	1,332,442	927,689	164,570	74,441	165,743
2000	1,336,005	926,192	166,429	74,734	168,650
2001	1,337,629	926,713	168,131	73,940	168,845
2002	1,353,051	934,070	171,784	74,895	172,302
2003	1,358,755	931,880	174,683	76,148	176,044
2004	1,387,569	949,262	180,107	78,167	180,033
2005	1,412,500	959,340	188,612	79,561	184,987
2006	1,430,516	967,400	194,008	80,887	188,221
2007	1,433,461	963,577	196,723	83,286	189,875
2008	1,432,620	962,908	198,413	81,968	189,331
2009	1,442,556	972,202	199,047	82,101	189,206
2010	1,468,677	988,095	202,682	83,516	194,384
2011	1,489,825	1,000,453	205,570	85,112	198,690
2012	1,517,102	1,018,693	209,099	87,168	202,142
2013	1,540,411	1,031,099	212,373	89,570	207,369
2014	1,557,668	1,039,417	216,108	90,640	211,503
2015	1,576,702	1,048,836	220,070	92,726	215,070
2016	1,583,139	1,048,965	222,485	93,630	218,059
Percentage Change from Previous Year					
1991	-0.4	-1.3	3.0	1.5	0.9
1992	1.5	1.2	3.7	-5.1	5.0
1993	-0.3	-0.3	1.1	-7.3	1.6
1994	1.7	1.1	1.6	9.6	2.3
1995	0.6	0.2	1.4	2.5	1.8
1996	0.4	0.0	1.2	2.4	1.5
1997	1.8	1.2	4.4	1.8	2.9
1998	0.5	-0.2	2.5	3.0	1.0
1999	-0.1	-0.4	-0.4	0.7	1.3
2000	0.3	-0.2	1.1	0.4	1.8
2001	0.1	0.1	1.0	-1.1	0.1
2002	1.2	0.8	2.2	1.3	2.0
2003	0.4	-0.2	1.7	1.7	2.2
2004	2.1	1.9	3.1	2.7	2.3
2005	1.8	1.1	4.7	1.8	2.8
2006	1.3	0.8	2.9	1.7	1.7
2007	0.2	-0.4	1.4	3.0	0.9
2008	-0.1	-0.1	0.9	-1.6	-0.3
2009	0.7	1.0	0.3	0.2	-0.1
2010	1.8	1.6	1.8	1.7	2.7
2011	1.4	1.3	1.4	1.9	2.2
2012	1.8	1.8	1.7	2.4	1.7
2013	1.5	1.2	1.6	2.8	2.6
2014	1.1	0.8	1.8	1.2	2.0
2015	1.2	0.9	1.8	2.3	1.7
2016	0.4	0.0	1.1	1.0	1.4

Source: Hawaii State Department of Business, Economic Development & Tourism, *State of Hawaii Data Book 2016*, Table 1.09r <<http://dbedt.hawaii.gov/economic/databook/>> and calculations.

Table A-3. RESIDENT BIRTHS

Year	State	Honolulu	Hawaii	Kauai	Maui
1990	20,438	15,380	2,228	945	1,885
1991	19,880	14,756	2,278	983	1,863
1992	19,837	14,827	2,234	892	1,884
1993	19,567	14,599	2,118	961	1,889
1994	19,438	14,733	2,068	896	1,741
1995	18,552	13,791	2,028	842	1,891
1996	18,378	13,728	1,979	807	1,864
1997	17,326	12,860	1,891	742	1,833
1998	17,567	13,127	1,912	773	1,755
1999	17,032	12,546	1,926	751	1,809
2000	17,514	12,962	1,947	746	1,859
2001	17,043	12,547	1,959	777	1,760
2002	17,444	12,844	2,010	731	1,859
2003	18,066	13,219	2,150	814	1,883
2004	18,238	13,288	2,230	825	1,895
2005	17,882	12,949	2,297	727	1,909
2006	18,927	13,683	2,376	841	2,027
2007	19,085	13,534	2,529	869	2,153
2008	19,417	13,712	2,618	941	2,146
2009	18,843	13,318	2,473	881	2,171
2010	18,911	13,673	2,387	842	2,009
2011	18,911	13,552	2,465	896	1,998
2012	18,920	13,636	2,412	863	2,009
2013	18,927	13,596	2,411	863	2,057
2014	18,506	13,198	2,437	895	1,976
2015	18,390	13,234	2,371	886	1,899
2016	18,007	12,938	2,347	842	1,880
Percentage Change from Previous Year					
1991	-2.7	-4.1	2.2	4.0	-1.2
1992	-0.2	0.5	-1.9	-9.3	1.1
1993	-1.4	-1.5	-5.2	7.7	0.3
1994	-0.7	0.9	-2.4	-6.8	-7.8
1995	-4.6	-6.4	-1.9	-6.0	8.6
1996	-0.9	-0.5	-2.4	-4.2	-1.4
1997	-5.7	-6.3	-4.4	-8.1	-1.7
1998	1.4	2.1	1.1	4.2	-4.3
1999	-3.0	-4.4	0.7	-2.8	3.1
2000	2.8	3.3	1.1	-0.7	2.8
2001	-2.7	-3.2	0.6	4.2	-5.3
2002	2.4	2.4	2.6	-5.9	5.6
2003	3.6	2.9	7.0	11.4	1.3
2004	1.0	0.5	3.7	1.4	0.6
2005	-2.0	-2.6	3.0	-11.9	0.7
2006	5.8	5.7	3.4	15.7	6.2
2007	0.8	-1.1	6.4	3.3	6.2
2008	1.7	1.3	3.5	8.3	-0.3
2009	-3.0	-2.9	-5.5	-6.4	1.2
2010	0.4	2.7	-3.5	-4.4	-7.5
2011	0.0	-0.9	3.3	6.4	-0.5
2012	0.0	0.6	-2.2	-3.7	0.6
2013	0.0	-0.3	0.0	0.0	2.4
2014	-2.2	-2.9	1.1	3.7	-3.9
2015	-0.6	0.3	-2.7	-1.0	-3.9
2016	-2.1	-2.2	-1.0	-5.0	-1.0

Source: Hawaii State Department of Business, Economic Development & Tourism, State of Hawaii Data Book 2016, Table 2.05 <<http://dbedt.hawaii.gov/economic/databook/>> and records.

Table A-4. RESIDENT DEATHS

Year	State	Honolulu	Hawaii	Kauai	Maui
1990	6,687	4,796	889	341	661
1991	6,696	4,793	880	358	665
1992	6,846	4,914	916	369	647
1993	7,226	5,202	973	398	653
1994	7,206	5,158	1,021	400	627
1995	7,482	5,438	973	374	703
1996	7,803	5,557	1,064	403	779
1997	7,710	5,484	1,052	419	755
1998	7,969	5,609	1,123	418	819
1999	8,125	5,800	1,105	449	771
2000	8,163	5,737	1,146	445	835
2001	8,252	5,882	1,141	419	810
2002	8,650	6,116	1,262	420	852
2003	8,850	6,300	1,255	438	857
2004	8,888	6,314	1,222	463	889
2005	8,988	6,366	1,227	486	909
2006	9,290	6,530	1,367	491	902
2007	9,314	6,462	1,347	496	1,009
2008	9,322	6,516	1,400	480	926
2009	9,676	6,789	1,385	523	979
2010	9,387	6,681	1,262	527	917
2011	9,684	6,792	1,378	496	1,016
2012	10,062	7,098	1,467	497	1,000
2013	10,270	7,189	1,444	549	1,088
2014	10,578	7,378	1,556	513	1,131
2015	10,903	7,503	1,678	564	1,157
2016	10,718	7,436	1,680	550	1,052
Percentage Change from Previous Year					
1991	0.1	-0.1	-1.0	5.0	0.6
1992	2.2	2.5	4.1	3.1	-2.7
1993	5.6	5.9	6.2	7.9	0.9
1994	-0.3	-0.8	4.9	0.5	-4.0
1995	3.8	5.4	-4.7	-6.5	12.1
1996	4.3	2.2	9.4	7.8	10.8
1997	-1.2	-1.3	-1.1	4.0	-3.1
1998	3.4	2.3	6.7	-0.2	8.5
1999	2.0	3.4	-1.6	7.4	-5.9
2000	0.5	-1.1	3.7	-0.9	8.3
2001	1.1	2.5	-2.8	-5.8	-3.0
2002	4.8	4.0	13.3	0.2	5.2
2003	2.3	3.0	-0.6	4.3	0.6
2004	0.4	0.2	-2.6	5.7	3.7
2005	1.1	0.8	0.4	5.0	2.2
2006	3.4	2.6	11.4	1.0	-0.8
2007	0.3	-1.0	-1.5	1.0	11.9
2008	0.1	0.8	3.9	-3.2	-8.2
2009	3.8	4.2	-1.1	9.0	5.7
2010	-3.0	-1.6	-8.9	0.8	-6.3
2011	3.2	1.7	9.2	-5.9	10.8
2012	3.9	4.5	6.5	0.2	-1.6
2013	2.1	1.3	-1.6	10.5	8.8
2014	3.0	2.6	7.8	-6.6	4.0
2015	3.1	1.7	7.8	9.9	2.3
2016	-1.7	-0.9	0.1	-2.5	-9.1

Source: Hawaii State Department of Business, Economic Development & Tourism, *State of Hawaii Data Book 2016*, Table 2.16 <<http://dbedt.hawaii.gov/economic/databook/>> and Hawaii State Department of Health, Office of Health Status Monitoring, records.

Table A-5. HOUSING UNITS

Year	State	Honolulu	Hawaii	Kauai	Maui
1990	389,810	281,683	48,253	17,613	42,261
1991	398,325	284,835	50,579	18,649	44,262
1992	407,606	288,805	53,421	19,439	45,941
1993	413,830	293,020	55,396	18,195	47,219
1994	420,748	296,699	57,204	18,758	48,087
1995	430,417	303,653	58,143	19,470	49,151
1996	433,039	306,799	59,032	19,346	47,862
1997	436,602	308,591	60,093	19,496	48,422
1998	440,044	310,309	61,140	19,640	48,955
1999	450,869	317,232	63,225	20,114	50,298
2000	461,646	316,367	63,022	25,380	56,877
2001	466,175	317,857	64,515	25,579	58,224
2002	470,601	319,349	65,899	25,856	59,497
2003	476,104	321,510	67,335	26,353	60,906
2004	482,971	324,446	69,502	26,789	62,234
2005	491,559	327,967	72,511	27,115	63,966
2006	500,837	331,354	75,807	27,902	65,774
2007	507,743	333,338	78,331	28,667	67,407
2008	514,132	335,640	80,371	29,159	68,962
2009	517,829	336,525	81,806	29,508	69,990
2010	519,969	337,032	82,462	29,908	70,567
2011	522,634	338,401	83,433	30,042	70,758
2012	524,646	339,624	84,009	30,127	70,886
2013	526,918	340,856	84,535	30,221	71,306
2014	530,062	342,988	85,154	30,345	71,575
2015	532,423	344,086	86,003	30,502	71,832
2016	537,114	347,413	86,778	30,672	72,251
Percentage Change from Previous Year					
1991	2.2	1.1	4.8	5.9	4.7
1992	2.3	1.4	5.6	4.2	3.8
1993	1.5	1.5	3.7	-6.4	2.8
1994	1.7	1.3	3.3	3.1	1.8
1995	2.3	2.3	1.6	3.8	2.2
1996	0.6	1.0	1.5	-0.6	-2.6
1997	0.8	0.6	1.8	0.8	1.2
1998	0.8	0.6	1.7	0.7	1.1
1999	2.5	2.2	3.4	2.4	2.7
2000	2.4	-0.3	-0.3	26.2	13.1
2001	1.0	0.5	2.4	0.8	2.4
2002	0.9	0.5	2.1	1.1	2.2
2003	1.2	0.7	2.2	1.9	2.4
2004	1.4	0.9	3.2	1.7	2.2
2005	1.8	1.1	4.3	1.2	2.8
2006	1.9	1.0	4.5	2.9	2.8
2007	1.4	0.6	3.3	2.7	2.5
2008	1.3	0.7	2.6	1.7	2.3
2009	0.7	0.3	1.8	1.2	1.5
2010	0.4	0.2	0.8	1.4	0.8
2011	0.5	0.4	1.2	0.4	0.3
2012	0.4	0.4	0.7	0.3	0.2
2013	0.4	0.4	0.6	0.3	0.6
2014	0.6	0.6	0.7	0.4	0.4
2015	0.4	0.3	1.0	0.5	0.4
2016	0.9	1.0	0.9	0.6	0.6

Source: Hawaii State Department of Business, Economic Development & Tourism, *State of Hawaii Data Book 2016*, Table 21.20 <<http://dbedt.hawaii.gov/economic/databook/>> and U.S. Bureau of the Census.

B. Labor Force and Jobs

The civilian labor force grew slower than the resident population. State level labor force increased by 134,500 persons from 1990 to 2016, for an 0.8 percent annual average growth. Honolulu County experienced the slowest growth at 0.6 percent a year. Hawaii County had the fastest growth rate at 1.7 percent per year, followed by Maui County at 1.5 percent, and Kauai County at 1.2 percent a year.

The civilian employed grew almost at the same rate as the labor force between 1990 and 2016. Between 1990 and 2016, statewide employment increased at an average of 4,950 per year, for a 0.8 percent annual growth on average, with the highest growth in Hawaii County at 1.7 percent.

The Statewide unemployment rate (not seasonally adjusted) fluctuated along with business cycles during the period. The highest rate was observed in 2009 at 7.2 percent while the lowest rate was observed in 2006 at 2.6 percent. During the 1990s, unemployment rates of neighbor island counties were much higher than Honolulu County. This difference in unemployment rates declined when the state economy was relatively good between 2000 and 2007. The unemployment rates in neighbor island counties during that period were generally less than 1.0 percentage point higher than Honolulu. However, the gap between Honolulu County and neighbor islands in unemployment rate widened again as the state economy moved into a recession. In 2008, Hawaii County registered an unemployment rate 2.2 percentage points higher than Honolulu and in 2009, more than 4.0 percentage points higher.

Unemployment rates started to decline in 2010 in all neighbor island counties and in 2011 in Honolulu County. In 2016, the statewide rate was 3.0 percent, Honolulu was the lowest at 2.8 percent while Hawaii County was the highest at 3.8 percent.

Total wage and salary jobs increased by 115,600 from 1990 to 2016, 0.8 percent annual increase or 4,400 more jobs every year. Compared with 1990, non-agricultural industries as a whole had 119,200 more wage and salary jobs in 2016, while the agriculture sector had 3,550 fewer jobs.

Total non-agricultural wage and salary jobs increased 119,200 jobs or 4,600 per year between 1990 and 2016. Honolulu County gained 65,300 jobs, or 2,500 jobs per year, followed by Maui County 26,300 jobs, or 1,000 jobs per year, Hawaii County 21,400 jobs, or 800 jobs per year, and Kauai County 6,200 jobs, or 200 jobs per year.

The share of all jobs attributed to Honolulu declined from 77.7 percent in 1990 to 73.5 percent in 2016. The focus for analysis has changed from “Total wage and salary jobs” to “Total non-agricultural wage and salary jobs” as the Department of Labor & Industrial Relations discontinued compiling agricultural jobs in 2011 and the alternative source, the National Agricultural Statistics Service compiles only statewide estimates.

Statewide, all industries experienced gains in wage and salary jobs between 1990 and 2016 except agriculture, manufacturing, information, financial activities, and the federal government.

Table B-1. CIVILIAN LABOR FORCE

Year	State	Honolulu	Hawaii	Kauai	Maui
1990	550,900	409,000	58,400	26,150	57,400
1991	571,600	418,200	63,600	28,500	61,350
1992	584,250	423,850	65,200	29,400	65,800
1993	586,400	426,450	65,450	28,450	66,050
1994	585,200	424,600	65,600	28,700	66,300
1995	586,500	425,450	65,250	28,850	66,950
1996	595,600	430,850	67,400	29,100	68,250
1997	600,950	432,750	69,400	28,900	69,950
1998	601,600	432,450	69,350	29,000	70,800
1999	602,900	430,450	70,500	29,350	72,600
2000	605,950	430,900	73,900	30,250	70,950
2001	610,650	431,950	75,750	30,250	72,650
2002	600,900	424,150	75,450	30,000	71,350
2003	603,100	424,450	76,750	30,650	71,250
2004	610,900	428,000	78,350	31,200	73,400
2005	626,900	439,250	80,750	31,900	75,000
2006	638,250	444,800	83,850	32,450	77,150
2007	638,400	442,500	84,800	32,650	78,450
2008	639,700	443,900	84,900	32,650	78,250
2009	631,700	439,750	83,900	32,000	76,050
2010	647,250	446,200	87,750	34,300	78,950
2011	660,250	456,150	88,700	34,900	80,500
2012	647,200	448,000	86,100	33,900	79,150
2013	649,550	450,100	85,900	33,900	79,650
2014	666,100	461,350	87,650	34,750	82,350
2015	674,900	467,300	88,650	35,100	83,850
2016	685,400	473,950	90,450	35,550	85,450
Percentage Change from Previous Year					
1991	3.8	2.2	8.9	9.0	6.9
1992	2.2	1.4	2.5	3.2	7.3
1993	0.4	0.6	0.4	-3.2	0.4
1994	-0.2	-0.4	0.2	0.9	0.4
1995	0.2	0.2	-0.5	0.5	1.0
1996	1.6	1.3	3.3	0.9	1.9
1997	0.9	0.4	3.0	-0.7	2.5
1998	0.1	-0.1	-0.1	0.3	1.2
1999	0.2	-0.5	1.7	1.2	2.5
2000	0.5	0.1	4.8	3.1	-2.3
2001	0.8	0.2	2.5	0.0	2.4
2002	-1.6	-1.8	-0.4	-0.8	-1.8
2003	0.4	0.1	1.7	2.2	-0.1
2004	1.3	0.8	2.1	1.8	3.0
2005	2.6	2.6	3.1	2.2	2.2
2006	1.8	1.3	3.8	1.7	2.9
2007	0.0	-0.5	1.1	0.6	1.7
2008	0.2	0.3	0.1	0.0	-0.3
2009	-1.3	-0.9	-1.2	-2.0	-2.8
2010	2.5	1.5	4.6	7.2	3.8
2011	2.0	2.2	1.1	1.7	2.0
2012	-2.0	-1.8	-2.9	-2.9	-1.7
2013	0.4	0.5	-0.2	0.0	0.6
2014	2.5	2.5	2.0	2.5	3.4
2015	1.3	1.3	1.1	1.0	1.8
2016	1.6	1.4	2.0	1.3	1.9

2012 to 2016 data benchmarked by DLIR in March 2017. Data rounded to nearest 50.

Source: Hawaii State Department of Labor & Industrial Relations, Unemployment/Labor Force Estimates, Not Seasonally Adjusted, Statewide <<http://www.hiwi.org/gsipub/index.asp?docid=417>> .

Table B-2. CIVILIANS EMPLOYED

Year	State	Honolulu	Hawaii	Kauai	Maui
1990	536,200	400,200	56,150	25,100	54,750
1991	555,200	409,350	60,600	27,300	57,900
1992	558,950	411,800	60,200	26,500	60,400
1993	560,100	412,700	60,350	24,700	62,450
1994	552,900	406,700	59,100	24,950	62,200
1995	552,000	405,850	58,600	25,550	62,050
1996	558,150	408,400	60,850	25,600	63,350
1997	563,600	410,500	62,500	25,700	64,850
1998	564,950	409,850	62,850	26,200	66,100
1999	570,400	410,000	64,550	27,200	68,600
2000	580,200	413,100	70,150	28,750	68,150
2001	583,200	413,200	71,750	28,650	69,550
2002	575,600	406,700	71,850	28,600	68,450
2003	578,300	407,550	73,000	29,350	68,450
2004	590,150	413,900	75,150	30,100	71,000
2005	608,950	427,000	78,000	31,000	72,950
2006	621,550	433,500	81,200	31,650	75,250
2007	620,550	430,850	81,750	31,800	76,150
2008	612,100	426,850	79,800	31,100	74,400
2009	586,500	413,200	75,350	28,850	69,100
2010	602,300	419,650	79,100	31,300	72,200
2011	615,300	429,350	79,950	31,850	74,150
2012	608,300	423,900	78,950	31,400	74,100
2013	618,000	430,300	80,200	32,000	75,550
2014	637,000	442,500	82,800	33,100	78,600
2015	650,750	451,600	84,700	33,700	80,750
2016	664,700	460,600	87,000	34,350	82,750
Percentage Change from Previous Year					
1991	3.5	2.3	7.9	8.8	5.8
1992	0.7	0.6	-0.7	-2.9	4.3
1993	0.2	0.2	0.2	-6.8	3.4
1994	-1.3	-1.5	-2.1	1.0	-0.4
1995	-0.2	-0.2	-0.8	2.4	-0.2
1996	1.1	0.6	3.8	0.2	2.1
1997	1.0	0.5	2.7	0.4	2.4
1998	0.2	-0.2	0.6	1.9	1.9
1999	1.0	0.0	2.7	3.8	3.8
2000	1.7	0.8	8.7	5.7	-0.7
2001	0.5	0.0	2.3	-0.3	2.1
2002	-1.3	-1.6	0.1	-0.2	-1.6
2003	0.5	0.2	1.6	2.6	0.0
2004	2.0	1.6	2.9	2.6	3.7
2005	3.2	3.2	3.8	3.0	2.7
2006	2.1	1.5	4.1	2.1	3.2
2007	-0.2	-0.6	0.7	0.5	1.2
2008	-1.4	-0.9	-2.4	-2.2	-2.3
2009	-4.2	-3.2	-5.6	-7.2	-7.1
2010	2.7	1.6	5.0	8.5	4.5
2011	2.2	2.3	1.1	1.8	2.7
2012	-1.1	-1.3	-1.3	-1.4	-0.1
2013	1.6	1.5	1.6	1.9	2.0
2014	3.1	2.8	3.2	3.4	4.0
2015	2.2	2.1	2.3	1.8	2.7
2016	2.1	2.0	2.7	1.9	2.5

2012 to 2016 data benchmarked by DLIR in March 2017. Data rounded to nearest 50.

Source: Hawaii State Department of Labor & Industrial Relations, Unemployment/Labor Force Estimates, Not Seasonally Adjusted, Statewide <<http://www.hiwi.org/gsipub/index.asp?docid=417>>.

Table B-3. CIVILIANS UNEMPLOYED

Year	State	Honolulu	Hawaii	Kauai	Maui
1990	14,700	8,800	2,250	1,050	2,650
1991	16,400	8,850	2,950	1,200	3,400
1992	25,300	12,050	5,000	2,900	5,400
1993	26,300	13,750	5,100	3,800	3,650
1994	32,300	17,900	6,500	3,750	4,150
1995	34,450	19,600	6,650	3,300	4,900
1996	37,450	22,450	6,600	3,500	4,900
1997	37,350	22,250	6,900	3,150	5,100
1998	36,650	22,600	6,500	2,800	4,700
1999	32,500	20,450	5,900	2,150	4,000
2000	25,750	17,750	3,700	1,450	2,800
2001	27,450	18,750	4,000	1,600	3,100
2002	25,350	17,450	3,600	1,350	2,900
2003	24,800	16,900	3,800	1,300	2,850
2004	20,750	14,100	3,200	1,100	2,350
2005	17,950	12,250	2,800	900	2,050
2006	16,700	11,300	2,600	850	1,950
2007	17,850	11,650	3,000	900	2,300
2008	27,550	17,100	5,100	1,600	3,800
2009	45,150	26,550	8,550	3,150	6,950
2010	44,950	26,550	8,650	3,000	6,750
2011	44,950	26,800	8,700	3,050	6,400
2012	38,900	24,150	7,150	2,500	5,100
2013	31,550	19,850	5,700	1,900	4,100
2014	29,100	18,800	4,850	1,700	3,750
2015	24,150	15,700	3,900	1,400	3,100
2016	20,700	13,350	3,450	1,200	2,700
Percentage Change from Previous Year					
1991	11.6	0.6	31.1	14.3	28.3
1992	54.3	36.2	69.5	141.7	58.8
1993	4.0	14.1	2.0	31.0	-32.4
1994	22.8	30.2	27.5	-1.3	13.7
1995	6.7	9.5	2.3	-12.0	18.1
1996	8.7	14.5	-0.8	6.1	0.0
1997	-0.3	-0.9	4.5	-10.0	4.1
1998	-1.9	1.6	-5.8	-11.1	-7.8
1999	-11.3	-9.5	-9.2	-23.2	-14.9
2000	-20.8	-13.2	-37.3	-32.6	-30.0
2001	6.6	5.6	8.1	10.3	10.7
2002	-7.7	-6.9	-10.0	-15.6	-6.5
2003	-2.2	-3.2	5.6	-3.7	-1.7
2004	-16.3	-16.6	-15.8	-15.4	-17.5
2005	-13.5	-13.1	-12.5	-18.2	-12.8
2006	-7.0	-7.8	-7.1	-5.6	-4.9
2007	6.9	3.1	15.4	5.9	17.9
2008	54.3	46.8	70.0	77.8	65.2
2009	63.9	55.3	67.6	96.9	82.9
2010	-0.4	0.0	1.2	-4.8	-2.9
2011	0.0	0.9	0.6	1.7	-5.2
2012	-13.5	-9.9	-17.8	-18.0	-20.3
2013	-18.9	-17.8	-20.3	-24.0	-19.6
2014	-7.8	-5.3	-14.9	-10.5	-8.5
2015	-17.0	-16.5	-19.6	-17.6	-17.3
2016	-14.3	-15.0	-11.5	-14.3	-12.9

2012 to 2016 data benchmarked by DLIR in March 2017. Data rounded to nearest 50.
 Source: Hawaii State Department of Labor & Industrial Relations, Unemployment/Labor Force Estimates,
 Not Seasonally Adjusted, Statewide <<http://www.hiwi.org/gsipub/index.asp?docid=417>>.

Table B-4. CIVILIAN UNEMPLOYMENT RATE

[In percent]

Year	State	Honolulu	Hawaii	Kauai	Maui
1990	2.7	2.1	3.9	3.9	4.6
1991	2.9	2.1	4.6	4.3	5.6
1992	4.3	2.8	7.7	9.9	8.2
1993	4.5	3.2	7.8	13.3	5.5
1994	5.5	4.2	9.9	13.1	6.2
1995	5.9	4.6	10.2	11.4	7.3
1996	6.3	5.2	9.8	12.0	7.2
1997	6.2	5.1	9.9	11.0	7.3
1998	6.1	5.2	9.4	9.7	6.6
1999	5.4	4.7	8.4	7.4	5.5
2000	4.2	4.1	5.0	4.8	3.9
2001	4.5	4.3	5.3	5.4	4.3
2002	4.2	4.1	4.8	4.6	4.1
2003	4.1	4.0	4.9	4.2	4.0
2004	3.4	3.3	4.1	3.5	3.2
2005	2.9	2.8	3.4	2.8	2.7
2006	2.6	2.5	3.1	2.6	2.5
2007	2.8	2.6	3.6	2.7	2.9
2008	4.3	3.8	6.0	4.8	4.9
2009	7.2	6.0	10.2	9.8	9.1
2010	6.9	6.0	9.9	8.8	8.5
2011	6.8	5.9	9.8	8.7	7.9
2012	6.0	5.4	8.3	7.3	6.4
2013	4.9	4.4	6.6	5.6	5.1
2014	4.4	4.1	5.5	4.8	4.5
2015	3.6	3.4	4.4	4.0	3.7
2016	3.0	2.8	3.8	3.3	3.2
Percentage Point Change from Previous Year					
1991	0.2	0.0	0.7	0.4	1.0
1992	1.4	0.7	3.1	5.6	2.6
1993	0.2	0.4	0.1	3.4	-2.7
1994	1.0	1.0	2.1	-0.2	0.7
1995	0.4	0.4	0.3	-1.7	1.1
1996	0.4	0.6	-0.4	0.6	-0.1
1997	-0.1	-0.1	0.1	-1.0	0.1
1998	-0.1	0.1	-0.5	-1.3	-0.7
1999	-0.7	-0.5	-1.0	-2.3	-1.1
2000	-1.2	-0.6	-3.4	-2.6	-1.6
2001	0.3	0.2	0.3	0.6	0.4
2002	-0.3	-0.2	-0.5	-0.8	-0.2
2003	-0.1	-0.1	0.1	-0.4	-0.1
2004	-0.7	-0.7	-0.8	-0.7	-0.8
2005	-0.5	-0.5	-0.7	-0.7	-0.5
2006	-0.3	-0.3	-0.3	-0.2	-0.2
2007	0.2	0.1	0.5	0.1	0.4
2008	1.5	1.2	2.4	2.1	2.0
2009	2.9	2.2	4.2	5.0	4.2
2010	-0.3	0.0	-0.3	-1.0	-0.6
2011	-0.1	-0.1	-0.1	-0.1	-0.6
2012	-0.8	-0.5	-1.5	-1.4	-1.5
2013	-1.1	-1.0	-1.7	-1.7	-1.3
2014	-0.5	-0.3	-1.1	-0.8	-0.6
2015	-0.8	-0.7	-1.1	-0.8	-0.8
2016	-0.6	-0.6	-0.6	-0.7	-0.5

2012 to 2016 data benchmarked by DLIR in March 2017. Data rounded to nearest 0.1.

Source: Hawaii State Department of Labor & Industrial Relations, Unemployment/Labor Force Estimates, Not Seasonally Adjusted, Statewide <<http://www.hiwi.org/gsipub/index.asp?docid=417>>.

Table B-5. TOTAL WAGE AND SALARY JOBS

Year	State	Honolulu	Hawaii	Kauai	Maui
1990	538,000	413,000	49,000	25,300	50,900
1991	548,700	417,800	51,700	26,400	52,900
1992	552,100	420,200	51,400	25,700	54,900
1993	547,400	416,900	50,900	23,500	56,200
1994	544,100	413,700	50,300	24,000	56,400
1995	540,200	410,300	49,600	24,500	56,000
1996	538,100	406,800	50,800	24,200	56,300
1997	538,800	405,600	51,900	24,200	57,200
1998	538,900	403,100	52,400	24,700	58,500
1999	542,700	403,600	53,400	25,500	60,300
2000	559,300	414,200	56,000	26,600	62,500
2001	562,350	414,750	57,350	26,300	63,950
2002	563,950	414,800	58,350	26,750	64,000
2003	574,750	421,800	60,100	27,800	64,900
2004	590,650	431,900	62,400	28,750	67,600
2005	608,600	444,650	64,700	29,550	69,700
2006	624,000	453,650	67,750	30,350	72,250
2007	631,350	456,950	69,250	31,050	74,100
2008	625,350	454,300	67,900	30,450	72,700
2009	597,650	438,700	63,700	28,100	67,150
2010	593,200	436,100	63,100	28,200	66,100
2011	600,400	441,400	63,400	28,300	67,300
2012	612,800	(NA)	(NA)	(NA)	(NA)
2013	625,100	(NA)	(NA)	(NA)	(NA)
2014	634,200	(NA)	(NA)	(NA)	(NA)
2015	645,100	(NA)	(NA)	(NA)	(NA)
2016	653,600	(NA)	(NA)	(NA)	(NA)
Percentage Change from Previous Year					
1991	2.0	1.2	5.5	4.3	3.9
1992	0.6	0.6	-0.6	-2.7	3.8
1993	-0.9	-0.8	-1.0	-8.6	2.4
1994	-0.6	-0.8	-1.2	2.1	0.4
1995	-0.7	-0.8	-1.4	2.1	-0.7
1996	-0.4	-0.9	2.4	-1.2	0.5
1997	0.1	-0.3	2.2	0.0	1.6
1998	0.0	-0.6	1.0	2.1	2.3
1999	0.7	0.1	1.9	3.2	3.1
2000	3.1	2.6	4.9	4.3	3.6
2001	0.5	0.1	2.4	-1.1	2.3
2002	0.3	0.0	1.7	1.7	0.1
2003	1.9	1.7	3.0	3.9	1.4
2004	2.8	2.4	3.8	3.4	4.2
2005	3.0	3.0	3.7	2.8	3.1
2006	2.5	2.0	4.7	2.7	3.7
2007	1.2	0.7	2.2	2.3	2.6
2008	-1.0	-0.6	-1.9	-1.9	-1.9
2009	-4.4	-3.4	-6.2	-7.7	-7.6
2010	-0.7	-0.6	-0.9	0.4	-1.6
2011	1.2	1.2	0.5	0.4	1.8
2012	2.1	(NA)	(NA)	(NA)	(NA)
2013	2.0	(NA)	(NA)	(NA)	(NA)
2014	1.5	(NA)	(NA)	(NA)	(NA)
2015	1.7	(NA)	(NA)	(NA)	(NA)
2016	1.3	(NA)	(NA)	(NA)	(NA)

NA Not available. 2013 to 2016 data benchmarked by DLIR in March 2017. Data rounded to nearest 100 for 1990-2000 and 2010-2016, and to 50 for 2001-2009.

Source: Hawaii State Department of Labor and Industrial Relations, Not Seasonally Adjusted Jobcount by Detailed Industry <<https://www.hiwi.org/gsipub/index.asp?docid=421>> and U.S. National Agricultural Statistics Service (NASS) <<https://quickstats.nass.usda.gov/>>.

Table B-6. NON-AGRICULTURAL WAGE AND SALARY JOBS

Year	State	Honolulu	Hawaii	Kauai	Maui
1990	528,400	410,700	45,500	24,100	48,300
1991	539,100	415,500	48,000	25,200	50,300
1992	542,800	418,000	47,600	24,600	52,700
1993	538,800	414,800	47,700	22,400	54,000
1994	536,100	411,600	47,300	22,900	54,400
1995	532,900	408,300	47,100	23,500	54,100
1996	530,700	404,700	48,200	23,300	54,300
1997	531,600	403,600	49,400	23,400	55,200
1998	531,300	400,900	49,900	23,900	56,500
1999	535,000	401,400	50,900	24,600	58,100
2000	551,400	411,900	53,300	25,600	60,500
2001	554,950	412,450	54,700	25,650	62,150
2002	556,750	412,800	55,950	26,000	61,950
2003	567,650	419,700	57,350	27,050	63,400
2004	583,350	429,700	59,700	28,050	65,900
2005	601,700	442,650	62,200	28,800	68,050
2006	617,050	451,800	65,150	29,650	70,500
2007	624,850	455,350	66,800	30,350	72,350
2008	619,200	452,750	65,600	29,850	71,000
2009	591,500	437,200	61,350	27,500	65,450
2010	586,900	434,400	60,400	27,600	64,600
2011	593,400	439,600	60,400	27,700	65,700
2012	606,300	448,400	61,600	28,100	68,000
2013	618,600	456,600	63,100	29,200	69,900
2014	627,200	462,300	64,100	29,500	71,400
2015	638,600	470,100	65,500	29,900	73,300
2016	647,600	476,000	66,900	30,300	74,600
Percentage Change from Previous Year					
1991	2.0	1.2	5.5	4.6	4.1
1992	0.7	0.6	-0.8	-2.4	4.8
1993	-0.7	-0.8	0.2	-8.9	2.5
1994	-0.5	-0.8	-0.8	2.2	0.7
1995	-0.6	-0.8	-0.4	2.6	-0.6
1996	-0.4	-0.9	2.3	-0.9	0.4
1997	0.2	-0.3	2.5	0.4	1.7
1998	-0.1	-0.7	1.0	2.1	2.4
1999	0.7	0.1	2.0	2.9	2.8
2000	3.1	2.6	4.7	4.1	4.1
2001	0.6	0.1	2.6	0.2	2.7
2002	0.3	0.1	2.3	1.4	-0.3
2003	2.0	1.7	2.5	4.0	2.3
2004	2.8	2.4	4.1	3.7	3.9
2005	3.1	3.0	4.2	2.7	3.3
2006	2.6	2.1	4.7	3.0	3.6
2007	1.3	0.8	2.5	2.4	2.6
2008	-0.9	-0.6	-1.8	-1.6	-1.9
2009	-4.5	-3.4	-6.5	-7.9	-7.8
2010	-0.8	-0.6	-1.5	0.4	-1.3
2011	1.1	1.2	0.0	0.4	1.7
2012	2.2	2.0	2.0	1.4	3.5
2013	2.0	1.8	2.4	3.9	2.8
2014	1.4	1.2	1.6	1.0	2.1
2015	1.8	1.7	2.2	1.4	2.7
2016	1.4	1.3	2.1	1.3	1.8

2013 to 2016 data benchmarked by DLIR in March 2017. Data rounded to nearest 100 for 1990-2000 and 2010-2016, and to 50 for 2001-2009.

Source: Hawaii State Department of Labor and Industrial Relations, Not Seasonally Adjusted Jobcount by Detailed Industry <<https://www.hiwi.org/gsipub/index.asp?docid=421>>.

Table B-7. PRIVATE NON-AGRICULTURE JOBS

Year	State	Honolulu	Hawaii	Kauai	Maui
1990	422,800	322,600	37,100	20,700	42,600
1991	430,200	325,700	38,800	21,700	43,900
1992	431,700	327,100	37,900	20,700	45,900
1993	427,300	324,400	37,700	18,300	46,900
1994	424,200	321,400	37,200	18,800	47,000
1995	421,400	318,400	37,000	19,400	46,700
1996	420,200	315,800	38,100	19,400	47,000
1997	419,900	313,700	39,100	19,400	47,700
1998	419,100	310,700	39,400	19,900	48,900
1999	422,300	311,000	40,300	20,600	50,500
2000	436,700	320,300	42,300	21,500	52,700
2001	440,500	321,200	43,700	21,550	54,050
2002	438,800	318,900	44,600	21,800	53,500
2003	448,500	324,850	45,950	22,800	54,750
2004	463,300	333,950	48,200	23,900	57,300
2005	482,050	347,500	50,600	24,650	59,300
2006	495,800	355,600	53,200	25,350	61,600
2007	502,800	358,850	54,600	26,050	63,250
2008	494,200	354,400	52,850	25,400	61,500
2009	465,800	338,500	48,500	23,100	55,750
2010	461,700	336,100	47,700	23,200	54,900
2011	468,800	341,500	48,000	23,300	56,200
2012	480,700	349,700	49,000	23,600	58,300
2013	494,100	359,000	50,500	24,700	60,200
2014	501,000	363,500	51,000	24,900	61,600
2015	512,200	371,200	52,400	25,300	63,500
2016	521,400	377,400	53,700	25,700	64,700
Percentage Change from Previous Year					
1991	1.8	1.0	4.6	4.8	3.1
1992	0.3	0.4	-2.3	-4.6	4.6
1993	-1.0	-0.8	-0.5	-11.6	2.2
1994	-0.7	-0.9	-1.3	2.7	0.2
1995	-0.7	-0.9	-0.5	3.2	-0.6
1996	-0.3	-0.8	3.0	0.0	0.6
1997	-0.1	-0.7	2.6	0.0	1.5
1998	-0.2	-1.0	0.8	2.6	2.5
1999	0.8	0.1	2.3	3.5	3.3
2000	3.4	3.0	5.0	4.4	4.4
2001	0.9	0.3	3.3	0.2	2.6
2002	-0.4	-0.7	2.1	1.2	-1.0
2003	2.2	1.9	3.0	4.6	2.3
2004	3.3	2.8	4.9	4.8	4.7
2005	4.0	4.1	5.0	3.1	3.5
2006	2.9	2.3	5.1	2.8	3.9
2007	1.4	0.9	2.6	2.8	2.7
2008	-1.7	-1.2	-3.2	-2.5	-2.8
2009	-5.7	-4.5	-8.2	-9.1	-9.3
2010	-0.9	-0.7	-1.6	0.4	-1.5
2011	1.5	1.6	0.6	0.4	2.4
2012	2.5	2.4	2.1	1.3	3.7
2013	2.8	2.7	3.1	4.7	3.3
2014	1.4	1.3	1.0	0.8	2.3
2015	2.2	2.1	2.7	1.6	3.1
2016	1.8	1.7	2.5	1.6	1.9

2013 to 2016 data benchmarked by DLIR in March 2017. Data rounded to nearest 100 for 1990-2000 and 2010-2016, and to 50 for 2001-2009.

Source: Hawaii State Department of Labor and Industrial Relations, Not Seasonally Adjusted Jobcount by Detailed Industry <<https://www.hiwi.org/gsipub/index.asp?docid=421>>.

Table B-8. JOBS IN NATURAL RESOURCES, MINING AND CONSTRUCTION

Year	State	Honolulu	Hawaii	Kauai	Maui
1990	35,600	26,900	3,600	1,800	3,400
1991	36,100	27,100	4,000	1,700	3,300
1992	34,100	26,200	3,400	1,700	2,800
1993	34,500	25,700	3,400	2,800	2,600
1994	30,900	23,600	2,900	1,900	2,500
1995	27,600	21,100	2,800	1,600	2,200
1996	25,000	18,900	2,500	1,300	2,400
1997	23,500	18,000	2,300	1,000	2,300
1998	22,800	17,100	2,400	900	2,400
1999	22,600	16,500	2,600	900	2,700
2000	24,800	17,500	3,100	1,100	3,200
2001	24,700	17,000	3,500	1,050	3,150
2002	26,000	17,800	3,850	1,250	3,050
2003	27,950	19,350	4,300	1,300	3,000
2004	29,450	20,550	4,450	1,350	3,100
2005	33,400	23,300	4,850	1,450	3,800
2006	36,500	24,900	5,500	1,750	4,400
2007	39,100	26,500	5,800	1,900	4,950
2008	37,850	26,050	5,300	2,000	4,500
2009	31,400	22,600	3,800	1,600	3,400
2010	28,900	21,500	3,200	1,600	2,700
2011	28,800	21,900	3,000	1,300	2,600
2012	29,400	22,100	3,100	1,300	3,000
2013	31,000	23,100	3,500	1,300	3,100
2014	32,100	23,900	3,500	1,300	3,400
2015	35,000	25,800	3,900	1,500	3,700
2016	37,800	28,100	4,100	1,700	3,900
Percentage Change from Previous Year					
1991	1.4	0.7	11.1	-5.6	-2.9
1992	-5.5	-3.3	-15.0	0.0	-15.2
1993	1.2	-1.9	0.0	64.7	-7.1
1994	-10.4	-8.2	-14.7	-32.1	-3.8
1995	-10.7	-10.6	-3.4	-15.8	-12.0
1996	-9.4	-10.4	-10.7	-18.8	9.1
1997	-6.0	-4.8	-8.0	-23.1	-4.2
1998	-3.0	-5.0	4.3	-10.0	4.3
1999	-0.9	-3.5	8.3	0.0	12.5
2000	9.7	6.1	19.2	22.2	18.5
2001	-0.4	-2.9	12.9	-4.5	-1.6
2002	5.3	4.7	10.0	19.0	-3.2
2003	7.5	8.7	11.7	4.0	-1.6
2004	5.4	6.2	3.5	3.8	3.3
2005	13.4	13.4	9.0	7.4	22.6
2006	9.3	6.9	13.4	20.7	15.8
2007	7.1	6.4	5.5	8.6	12.5
2008	-3.2	-1.7	-8.6	5.3	-9.1
2009	-17.0	-13.2	-28.3	-20.0	-24.4
2010	-8.0	-4.9	-15.8	0.0	-20.6
2011	-0.3	1.9	-6.3	-18.8	-3.7
2012	2.1	0.9	3.3	0.0	15.4
2013	5.4	4.5	12.9	0.0	3.3
2014	3.5	3.5	0.0	0.0	9.7
2015	9.0	7.9	11.4	15.4	8.8
2016	8.0	8.9	5.1	13.3	5.4

2013 to 2016 data benchmarked by DLIR in March 2017. Data rounded to nearest 100 for 1990-2000 and 2010-2016, and to 50 for 2001-2009.

Source: Hawaii State Department of Labor and Industrial Relations, Not Seasonally Adjusted Jobcount by Detailed Industry <<https://www.hiwi.org/gsipub/index.asp?docid=421>>.

Table B-9. JOBS IN MANUFACTURING

Year	State	Honolulu	Hawaii	Kauai	Maui
1990	20,600	15,300	2,400	800	2,100
1991	19,900	14,500	2,400	800	2,200
1992	18,800	13,500	2,300	800	2,200
1993	17,600	13,000	2,200	500	1,900
1994	16,800	12,700	2,000	400	1,700
1995	16,300	12,500	1,700	500	1,700
1996	16,000	12,200	1,600	400	1,800
1997	15,800	12,100	1,600	400	1,800
1998	15,700	11,900	1,600	400	1,800
1999	15,900	12,300	1,600	400	1,700
2000	16,400	12,700	1,600	400	1,700
2001	16,400	12,800	1,550	400	1,700
2002	15,200	11,750	1,450	400	1,650
2003	15,000	11,550	1,450	400	1,600
2004	15,400	11,950	1,450	400	1,600
2005	15,200	11,850	1,500	400	1,500
2006	15,300	11,850	1,600	400	1,500
2007	15,250	11,850	1,650	400	1,350
2008	14,850	11,750	1,500	400	1,200
2009	13,650	10,850	1,350	350	1,100
2010	13,000	10,500	1,200	300	1,000
2011	13,300	10,800	1,200	300	1,000
2012	13,300	10,700	1,300	300	1,100
2013	13,600	10,900	1,300	400	1,100
2014	13,900	11,000	1,300	400	1,200
2015	14,100	11,300	1,200	400	1,200
2016	14,000	11,200	1,200	400	1,100
Percentage Change from Previous Year					
1991	-3.4	-5.2	0.0	0.0	4.8
1992	-5.5	-6.9	-4.2	0.0	0.0
1993	-6.4	-3.7	-4.3	-37.5	-13.6
1994	-4.5	-2.3	-9.1	-20.0	-10.5
1995	-3.0	-1.6	-15.0	25.0	0.0
1996	-1.8	-2.4	-5.9	-20.0	5.9
1997	-1.3	-0.8	0.0	0.0	0.0
1998	-0.6	-1.7	0.0	0.0	0.0
1999	1.3	3.4	0.0	0.0	-5.6
2000	3.1	3.3	0.0	0.0	0.0
2001	0.0	0.8	-3.1	0.0	0.0
2002	-7.3	-8.2	-6.5	0.0	-2.9
2003	-1.3	-1.7	0.0	0.0	-3.0
2004	2.7	3.5	0.0	0.0	0.0
2005	-1.3	-0.8	3.4	0.0	-6.3
2006	0.7	0.0	6.7	0.0	0.0
2007	-0.3	0.0	3.1	0.0	-10.0
2008	-2.6	-0.8	-9.1	0.0	-11.1
2009	-8.1	-7.7	-10.0	-12.5	-8.3
2010	-4.8	-3.2	-11.1	-14.3	-9.1
2011	2.3	2.9	0.0	0.0	0.0
2012	0.0	-0.9	8.3	0.0	10.0
2013	2.3	1.9	0.0	33.3	0.0
2014	2.2	0.9	0.0	0.0	9.1
2015	1.4	2.7	-7.7	0.0	0.0
2016	-0.7	-0.9	0.0	0.0	-8.3

2013 to 2016 data benchmarked by DLIR in March 2017. Data rounded to nearest 100 for 1990-2000 and 2010-2016, and to 50 for 2001-2009.

Source: Hawaii State Department of Labor and Industrial Relations, Not Seasonally Adjusted Jobcount by Detailed Industry <<https://www.hiwi.org/gsipub/index.asp?docid=421>>.

Table B-10. JOBS IN WHOLESALE TRADE

Year	State	Honolulu	Hawaii	Kauai	Maui
1990	17,700	14,900	1,300	500	1,000
1991	17,500	14,600	1,400	500	1,000
1992	17,200	14,400	1,400	400	1,000
1993	16,900	14,200	1,400	400	1,000
1994	16,400	13,800	1,200	400	1,000
1995	16,200	13,600	1,200	400	1,000
1996	15,900	13,300	1,200	400	1,000
1997	15,700	13,100	1,200	400	1,000
1998	15,900	13,200	1,200	400	1,100
1999	15,800	13,000	1,200	400	1,100
2000	16,200	13,400	1,300	400	1,200
2001	16,450	13,550	1,350	400	1,150
2002	16,400	13,500	1,400	400	1,100
2003	16,700	13,650	1,450	400	1,150
2004	17,050	13,800	1,550	450	1,200
2005	17,600	14,200	1,650	500	1,300
2006	18,050	14,450	1,700	550	1,300
2007	18,600	14,850	1,750	550	1,450
2008	18,750	15,050	1,750	500	1,450
2009	17,850	14,350	1,600	500	1,400
2010	17,600	14,200	1,600	500	1,400
2011	17,500	14,100	1,500	500	1,400
2012	17,700	14,200	1,600	500	1,400
2013	17,700	14,200	1,600	600	1,400
2014	17,700	14,100	1,600	600	1,500
2015	18,000	14,300	1,700	500	1,500
2016	17,900	14,100	1,700	600	1,500
Percentage Change from Previous Year					
1991	-1.1	-2.0	7.7	0.0	0.0
1992	-1.7	-1.4	0.0	-20.0	0.0
1993	-1.7	-1.4	0.0	0.0	0.0
1994	-3.0	-2.8	-14.3	0.0	0.0
1995	-1.2	-1.4	0.0	0.0	0.0
1996	-1.9	-2.2	0.0	0.0	0.0
1997	-1.3	-1.5	0.0	0.0	0.0
1998	1.3	0.8	0.0	0.0	10.0
1999	-0.6	-1.5	0.0	0.0	0.0
2000	2.5	3.1	8.3	0.0	9.1
2001	1.5	1.1	3.8	0.0	-4.2
2002	-0.3	-0.4	3.7	0.0	-4.3
2003	1.8	1.1	3.6	0.0	4.5
2004	2.1	1.1	6.9	12.5	4.3
2005	3.2	2.9	6.5	11.1	8.3
2006	2.6	1.8	3.0	10.0	0.0
2007	3.0	2.8	2.9	0.0	11.5
2008	0.8	1.3	0.0	-9.1	0.0
2009	-4.8	-4.7	-8.6	0.0	-3.4
2010	-1.4	-1.0	0.0	0.0	0.0
2011	-0.6	-0.7	-6.3	0.0	0.0
2012	1.1	0.7	6.7	0.0	0.0
2013	0.0	0.0	0.0	20.0	0.0
2014	0.0	-0.7	0.0	0.0	7.1
2015	1.7	1.4	6.3	-16.7	0.0
2016	-0.6	-1.4	0.0	20.0	0.0

2013 to 2016 data benchmarked by DLIR in March 2017. Data rounded to nearest 100 for 1990-2000 and 2010-2016, and to 50 for 2001-2009.

Source: Hawaii State Department of Labor and Industrial Relations, Not Seasonally Adjusted Jobcount by Detailed Industry <<https://www.hiwi.org/gsipub/index.asp?docid=421>>.

Table B-11. JOBS IN RETAIL TRADE

Year	State	Honolulu	Hawaii	Kauai	Maui
1990	67,400	50,200	6,900	3,500	6,700
1991	67,500	49,600	7,300	3,500	7,000
1992	67,800	49,800	7,400	3,300	7,300
1993	67,400	49,200	7,400	3,300	7,600
1994	67,400	48,900	7,400	3,400	7,700
1995	68,700	49,400	7,600	3,600	8,000
1996	67,700	48,800	7,500	3,500	7,900
1997	66,400	47,500	7,600	3,400	7,900
1998	64,500	45,400	7,800	3,400	7,900
1999	64,900	45,200	7,700	3,600	8,100
2000	66,400	46,300	7,900	3,800	8,300
2001	66,100	45,600	7,900	3,800	8,800
2002	64,000	43,600	7,950	3,700	8,750
2003	64,350	43,500	8,150	3,850	8,850
2004	66,950	45,050	8,600	4,050	9,300
2005	69,250	46,800	8,900	4,050	9,500
2006	70,050	47,100	9,200	4,050	9,700
2007	70,350	46,650	9,500	4,200	10,000
2008	69,800	46,450	9,450	4,100	9,750
2009	66,450	44,850	8,850	3,800	8,900
2010	66,000	44,800	8,600	3,800	8,800
2011	67,000	45,700	8,800	3,800	8,800
2012	68,800	47,400	8,800	3,700	8,900
2013	69,700	47,900	8,900	3,800	9,100
2014	69,900	47,600	9,100	3,800	9,300
2015	70,800	48,100	9,100	3,900	9,700
2016	70,600	47,800	9,100	3,900	9,800
Percentage Change from Previous Year					
1991	0.1	-1.2	5.8	0.0	4.5
1992	0.4	0.4	1.4	-5.7	4.3
1993	-0.6	-1.2	0.0	0.0	4.1
1994	0.0	-0.6	0.0	3.0	1.3
1995	1.9	1.0	2.7	5.9	3.9
1996	-1.5	-1.2	-1.3	-2.8	-1.3
1997	-1.9	-2.7	1.3	-2.9	0.0
1998	-2.9	-4.4	2.6	0.0	0.0
1999	0.6	-0.4	-1.3	5.9	2.5
2000	2.3	2.4	2.6	5.6	2.5
2001	-0.5	-1.5	0.0	0.0	6.0
2002	-3.2	-4.4	0.6	-2.6	-0.6
2003	0.5	-0.2	2.5	4.1	1.1
2004	4.0	3.6	5.5	5.2	5.1
2005	3.4	3.9	3.5	0.0	2.2
2006	1.2	0.6	3.4	0.0	2.1
2007	0.4	-1.0	3.3	3.7	3.1
2008	-0.8	-0.4	-0.5	-2.4	-2.5
2009	-4.8	-3.4	-6.3	-7.3	-8.7
2010	-0.7	-0.1	-2.8	0.0	-1.1
2011	1.5	2.0	2.3	0.0	0.0
2012	2.7	3.7	0.0	-2.6	1.1
2013	1.3	1.1	1.1	2.7	2.2
2014	0.3	-0.6	2.2	0.0	2.2
2015	1.3	1.1	0.0	2.6	4.3
2016	-0.3	-0.6	0.0	0.0	1.0

2013 to 2016 data benchmarked by DLIR in March 2017. Data rounded to nearest 100 for 1990-2000 and 2010-2016, and to 50 for 2001-2009.

Source: Hawaii State Department of Labor and Industrial Relations, Not Seasonally Adjusted Jobcount by Detailed Industry <<https://www.hiwi.org/gsipub/index.asp?docid=421>>.

Table B-12. JOBS IN TRANSPORTATION, WAREHOUSING AND UTILITIES

Year	State	Honolulu	Hawaii	Kauai	Maui
1990	28,400	22,100	2,400	1,400	2,600
1991	29,300	22,900	2,400	1,400	2,600
1992	29,800	23,200	2,500	1,400	2,600
1993	29,300	22,900	2,500	1,200	2,700
1994	28,900	22,200	2,500	1,300	2,800
1995	28,400	22,500	2,200	1,200	2,600
1996	27,900	22,000	2,100	1,200	2,600
1997	28,200	22,100	2,100	1,200	2,700
1998	27,600	21,500	2,200	1,200	2,700
1999	27,400	21,100	2,200	1,300	2,800
2000	28,200	21,700	2,200	1,300	2,900
2001	28,400	21,700	2,300	1,400	3,000
2002	26,350	19,450	2,450	1,450	3,000
2003	26,800	19,500	2,600	1,600	3,100
2004	28,250	20,650	2,800	1,550	3,250
2005	30,850	23,150	2,900	1,550	3,300
2006	32,950	24,700	3,150	1,600	3,500
2007	32,950	24,550	3,150	1,600	3,600
2008	29,500	22,000	2,850	1,450	3,200
2009	26,700	19,800	2,700	1,300	2,950
2010	26,500	19,500	2,600	1,300	3,000
2011	27,100	19,700	2,700	1,300	3,300
2012	28,300	20,500	2,700	1,300	3,700
2013	29,500	21,500	2,900	1,400	3,700
2014	30,100	22,000	2,900	1,400	3,700
2015	30,900	22,300	3,100	1,500	4,000
2016	31,500	22,600	3,200	1,500	4,100
Percentage Change from Previous Year					
1991	3.2	3.6	0.0	0.0	0.0
1992	1.7	1.3	4.2	0.0	0.0
1993	-1.7	-1.3	0.0	-14.3	3.8
1994	-1.4	-3.1	0.0	8.3	3.7
1995	-1.7	1.4	-12.0	-7.7	-7.1
1996	-1.8	-2.2	-4.5	0.0	0.0
1997	1.1	0.5	0.0	0.0	3.8
1998	-2.1	-2.7	4.8	0.0	0.0
1999	-0.7	-1.9	0.0	8.3	3.7
2000	2.9	2.8	0.0	0.0	3.6
2001	0.7	0.0	4.5	7.7	3.4
2002	-7.2	-10.4	6.5	3.6	0.0
2003	1.7	0.3	6.1	10.3	3.3
2004	5.4	5.9	7.7	-3.1	4.8
2005	9.2	12.1	3.6	0.0	1.5
2006	6.8	6.7	8.6	3.2	6.1
2007	0.0	-0.6	0.0	0.0	2.9
2008	-10.5	-10.4	-9.5	-9.4	-11.1
2009	-9.5	-10.0	-5.3	-10.3	-7.8
2010	-0.7	-1.5	-3.7	0.0	1.7
2011	2.3	1.0	3.8	0.0	10.0
2012	4.4	4.1	0.0	0.0	12.1
2013	4.2	4.9	7.4	7.7	0.0
2014	2.0	2.3	0.0	0.0	0.0
2015	2.7	1.4	6.9	7.1	8.1
2016	1.9	1.3	3.2	0.0	2.5

2013 to 2016 data benchmarked by DLIR in March 2017. Data rounded to nearest 100 for 1990-2000 and 2010-2016, and to 50 for 2001-2009.

Source: Hawaii State Department of Labor and Industrial Relations, Not Seasonally Adjusted Jobcount by Detailed Industry <<https://www.hiwi.org/gsipub/index.asp?docid=421>>.

Table B-13. JOBS IN INFORMATION

Year	State	Honolulu	Hawaii	Kauai	Maui
1990	9,800	8,200	600	400	600
1991	9,800	8,100	600	300	700
1992	10,300	8,500	700	300	800
1993	10,000	8,200	700	300	800
1994	10,400	8,600	700	300	800
1995	10,400	8,500	700	300	900
1996	10,700	8,800	700	300	800
1997	11,100	8,900	800	500	900
1998	11,500	9,100	800	400	1,000
1999	11,600	9,200	800	400	1,100
2000	12,300	10,200	700	400	1,000
2001	11,850	9,950	650	350	900
2002	11,450	9,450	650	450	950
2003	10,450	8,650	600	300	900
2004	10,800	9,000	600	250	900
2005	10,800	9,000	650	300	850
2006	10,700	8,900	700	300	850
2007	10,600	8,750	750	300	850
2008	10,050	8,250	700	250	800
2009	9,100	7,450	650	250	750
2010	9,800	8,100	800	300	700
2011	8,500	7,000	600	200	600
2012	8,400	7,000	600	200	600
2013	8,800	7,400	600	200	600
2014	8,500	7,100	600	200	600
2015	8,700	7,300	600	200	600
2016	8,800	7,500	700	200	600
Percentage Change from Previous Year					
1991	0.0	-1.2	0.0	-25.0	16.7
1992	5.1	4.9	16.7	0.0	14.3
1993	-2.9	-3.5	0.0	0.0	0.0
1994	4.0	4.9	0.0	0.0	0.0
1995	0.0	-1.2	0.0	0.0	12.5
1996	2.9	3.5	0.0	0.0	-11.1
1997	3.7	1.1	14.3	66.7	12.5
1998	3.6	2.2	0.0	-20.0	11.1
1999	0.9	1.1	0.0	0.0	10.0
2000	6.0	10.9	-12.5	0.0	-9.1
2001	-3.7	-2.5	-7.1	-12.5	-10.0
2002	-3.4	-5.0	0.0	28.6	5.6
2003	-8.7	-8.5	-7.7	-33.3	-5.3
2004	3.3	4.0	0.0	-16.7	0.0
2005	0.0	0.0	8.3	20.0	-5.6
2006	-0.9	-1.1	7.7	0.0	0.0
2007	-0.9	-1.7	7.1	0.0	0.0
2008	-5.2	-5.7	-6.7	-16.7	-5.9
2009	-9.5	-9.7	-7.1	0.0	-6.3
2010	7.7	8.7	23.1	20.0	-6.7
2011	-13.3	-13.6	-25.0	-33.3	-14.3
2012	-1.2	0.0	0.0	0.0	0.0
2013	4.8	5.7	0.0	0.0	0.0
2014	-3.4	-4.1	0.0	0.0	0.0
2015	2.4	2.8	0.0	0.0	0.0
2016	1.1	2.7	16.7	0.0	0.0

2013 to 2016 data benchmarked by DLIR in March 2017. Data rounded to nearest 100 for 1990-2000 and 2010-2016, and to 50 for 2001-2009.

Source: Hawaii State Department of Labor and Industrial Relations, Not Seasonally Adjusted Jobcount by Detailed Industry <<https://www.hiwi.org/gsipub/index.asp?docid=421>>.

Table B-14. JOBS IN FINANCE, INSURANCE AND REAL ESTATE

Year	State	Honolulu	Hawaii	Kauai	Maui
1990	31,400	25,200	2,300	1,300	2,600
1991	31,600	25,400	2,500	1,300	2,400
1992	31,200	25,300	2,500	1,200	2,300
1993	32,300	26,600	2,300	1,100	2,200
1994	31,900	26,200	2,300	1,100	2,300
1995	30,900	24,900	2,300	1,300	2,400
1996	30,600	24,500	2,400	1,300	2,500
1997	30,100	23,900	2,300	1,300	2,700
1998	30,100	24,000	2,200	1,200	2,600
1999	29,500	23,800	2,100	1,200	2,600
2000	28,600	22,700	2,200	1,200	2,600
2001	28,050	21,850	2,300	1,250	2,650
2002	27,700	21,500	2,350	1,200	2,650
2003	28,350	21,850	2,450	1,200	2,850
2004	28,800	22,150	2,500	1,150	2,950
2005	29,300	22,450	2,600	1,200	3,000
2006	29,950	22,900	2,800	1,250	3,050
2007	30,050	22,950	2,850	1,200	3,000
2008	29,350	22,650	2,800	1,200	2,750
2009	27,700	21,300	2,750	1,200	2,400
2010	26,900	20,600	2,700	1,200	2,400
2011	26,600	20,300	2,700	1,200	2,400
2012	26,700	20,300	2,700	1,300	2,500
2013	27,200	20,500	2,600	1,400	2,700
2014	27,600	20,800	2,600	1,400	2,800
2015	28,100	21,200	2,700	1,400	2,900
2016	28,500	21,700	2,600	1,200	3,100
Percentage Change from Previous Year					
1991	0.6	0.8	8.7	0.0	-7.7
1992	-1.3	-0.4	0.0	-7.7	-4.2
1993	3.5	5.1	-8.0	-8.3	-4.3
1994	-1.2	-1.5	0.0	0.0	4.5
1995	-3.1	-5.0	0.0	18.2	4.3
1996	-1.0	-1.6	4.3	0.0	4.2
1997	-1.6	-2.4	-4.2	0.0	8.0
1998	0.0	0.4	-4.3	-7.7	-3.7
1999	-2.0	-0.8	-4.5	0.0	0.0
2000	-3.1	-4.6	4.8	0.0	0.0
2001	-1.9	-3.7	4.5	4.2	1.9
2002	-1.2	-1.6	2.2	-4.0	0.0
2003	2.3	1.6	4.3	0.0	7.5
2004	1.6	1.4	2.0	-4.2	3.5
2005	1.7	1.4	4.0	4.3	1.7
2006	2.2	2.0	7.7	4.2	1.7
2007	0.3	0.2	1.8	-4.0	-1.6
2008	-2.3	-1.3	-1.8	0.0	-8.3
2009	-5.6	-6.0	-1.8	0.0	-12.7
2010	-2.9	-3.3	-1.8	0.0	0.0
2011	-1.1	-1.5	0.0	0.0	0.0
2012	0.4	0.0	0.0	8.3	4.2
2013	1.9	1.0	-3.7	7.7	8.0
2014	1.5	1.5	0.0	0.0	3.7
2015	1.8	1.9	3.8	0.0	3.6
2016	1.4	2.4	-3.7	-14.3	6.9

2013 to 2016 data benchmarked by DLIR in March 2017. Data rounded to nearest 100 for 1990-2000 and 2010-2016, and to 50 for 2001-2009.

Source: Hawaii State Department of Labor and Industrial Relations, Not Seasonally Adjusted Jobcount by Detailed Industry <<https://www.hiwi.org/gsipub/index.asp?docid=421>>.

Table B-15. JOBS IN PROFESSIONAL AND BUSINESS SERVICES

Year	State	Honolulu	Hawaii	Kauai	Maui
1990	50,000	43,000	2,500	1,400	3,000
1991	50,900	43,800	2,600	1,500	3,000
1992	51,600	44,000	2,600	1,500	3,500
1993	51,700	43,800	2,800	1,500	3,500
1994	52,700	44,700	3,000	1,500	3,500
1995	53,700	45,300	3,200	1,500	3,600
1996	55,500	46,300	3,800	1,700	3,800
1997	56,300	47,100	3,700	1,800	3,700
1998	56,400	46,900	3,300	2,000	4,200
1999	58,000	47,700	3,600	2,200	4,600
2000	61,500	50,200	4,100	2,200	5,000
2001	63,950	52,450	4,150	2,350	5,050
2002	67,250	55,250	4,550	2,500	5,000
2003	69,650	57,000	4,400	2,850	5,350
2004	70,750	57,400	4,500	3,150	5,700
2005	74,200	59,900	4,800	3,500	6,050
2006	76,800	61,700	5,000	3,650	6,500
2007	76,350	60,450	4,950	3,650	7,300
2008	75,500	60,400	4,900	3,350	6,900
2009	71,400	57,950	4,550	2,700	6,200
2010	71,600	57,900	4,700	2,700	6,200
2011	75,300	60,600	5,300	2,900	6,600
2012	77,100	62,400	5,500	2,800	6,400
2013	79,900	64,400	6,200	2,800	6,700
2014	82,300	66,300	6,300	2,900	6,900
2015	83,500	67,300	6,300	2,900	7,000
2016	83,500	67,400	6,300	2,700	7,100
Percentage Change from Previous Year					
1991	1.8	1.9	4.0	7.1	0.0
1992	1.4	0.5	0.0	0.0	16.7
1993	0.2	-0.5	7.7	0.0	0.0
1994	1.9	2.1	7.1	0.0	0.0
1995	1.9	1.3	6.7	0.0	2.9
1996	3.4	2.2	18.8	13.3	5.6
1997	1.4	1.7	-2.6	5.9	-2.6
1998	0.2	-0.4	-10.8	11.1	13.5
1999	2.8	1.7	9.1	10.0	9.5
2000	6.0	5.2	13.9	0.0	8.7
2001	4.0	4.5	1.2	6.8	1.0
2002	5.2	5.3	9.6	6.4	-1.0
2003	3.6	3.2	-3.3	14.0	7.0
2004	1.6	0.7	2.3	10.5	6.5
2005	4.9	4.4	6.7	11.1	6.1
2006	3.5	3.0	4.2	4.3	7.4
2007	-0.6	-2.0	-1.0	0.0	12.3
2008	-1.1	-0.1	-1.0	-8.2	-5.5
2009	-5.4	-4.1	-7.1	-19.4	-10.1
2010	0.3	-0.1	3.3	0.0	0.0
2011	5.2	4.7	12.8	7.4	6.5
2012	2.4	3.0	3.8	-3.4	-3.0
2013	3.6	3.2	12.7	0.0	4.7
2014	3.0	3.0	1.6	3.6	3.0
2015	1.5	1.5	0.0	0.0	1.4
2016	0.0	0.1	0.0	-6.9	1.4

2013 to 2016 data benchmarked by DLIR in March 2017. Data rounded to nearest 100 for 1990-2000 and 2010-2016, and to 50 for 2001-2009.

Source: Hawaii State Department of Labor and Industrial Relations, Not Seasonally Adjusted Jobcount by Detailed Industry <<https://www.hiwi.org/gsipub/index.asp?docid=421>>.

Table B-16. JOBS IN EDUCATIONAL SERVICES

Year	State	Honolulu	Hawaii	Kauai	Maui
1990	8,900	8,200	300	100	300
1991	9,300	8,500	400	100	300
1992	9,600	8,700	400	100	300
1993	9,800	8,900	400	100	400
1994	9,700	8,800	500	100	400
1995	9,800	8,900	400	100	400
1996	10,100	9,100	500	100	500
1997	10,500	9,400	500	100	500
1998	10,700	9,500	500	100	500
1999	10,900	9,800	500	100	500
2000	11,200	10,000	600	200	500
2001	11,650	10,250	600	200	600
2002	12,150	10,600	650	150	700
2003	12,650	11,000	700	150	750
2004	13,000	11,050	850	200	950
2005	13,600	11,500	950	200	950
2006	13,900	11,700	950	200	1,050
2007	14,400	12,050	1,100	200	1,050
2008	14,700	12,200	1,250	250	1,050
2009	14,600	12,150	1,200	250	1,000
2010	14,400	11,900	1,200	200	1,000
2011	14,500	12,000	1,300	200	1,000
2012	15,000	12,500	1,300	200	1,100
2013	14,900	12,400	1,200	200	1,100
2014	14,100	11,800	1,200	100	1,100
2015	14,700	12,400	1,200	200	1,100
2016	15,200	12,600	1,300	200	1,100
Percentage Change from Previous Year					
1991	4.5	3.7	33.3	0.0	0.0
1992	3.2	2.4	0.0	0.0	0.0
1993	2.1	2.3	0.0	0.0	33.3
1994	-1.0	-1.1	25.0	0.0	0.0
1995	1.0	1.1	-20.0	0.0	0.0
1996	3.1	2.2	25.0	0.0	25.0
1997	4.0	3.3	0.0	0.0	0.0
1998	1.9	1.1	0.0	0.0	0.0
1999	1.9	3.2	0.0	0.0	0.0
2000	2.8	2.0	20.0	100.0	0.0
2001	4.0	2.5	0.0	0.0	20.0
2002	4.3	3.4	8.3	-25.0	16.7
2003	4.1	3.8	7.7	0.0	7.1
2004	2.8	0.5	21.4	33.3	26.7
2005	4.6	4.1	11.8	0.0	0.0
2006	2.2	1.7	0.0	0.0	10.5
2007	3.6	3.0	15.8	0.0	0.0
2008	2.1	1.2	13.6	25.0	0.0
2009	-0.7	-0.4	-4.0	0.0	-4.8
2010	-1.4	-2.1	0.0	-20.0	0.0
2011	0.7	0.8	8.3	0.0	0.0
2012	3.4	4.2	0.0	0.0	10.0
2013	-0.7	-0.8	-7.7	0.0	0.0
2014	-5.4	-4.8	0.0	-50.0	0.0
2015	4.3	5.1	0.0	100.0	0.0
2016	3.4	1.6	8.3	0.0	0.0

2013 to 2016 data benchmarked by DLIR in March 2017. Data rounded to nearest 100 for 1990-2000 and 2010-2016, and to 50 for 2001-2009.

Source: Hawaii State Department of Labor and Industrial Relations, Not Seasonally Adjusted Jobcount by Detailed Industry <<https://www.hiwi.org/gsipub/index.asp?docid=421>>.

Table B-17. JOBS IN HEALTH CARE AND SOCIAL ASSISTANCE

Year	State	Honolulu	Hawaii	Kauai	Maui
1990	37,900	31,300	2,500	1,600	2,600
1991	40,500	33,400	2,800	1,700	2,600
1992	41,400	34,000	2,900	1,700	2,800
1993	41,800	34,000	3,100	1,800	2,900
1994	42,600	34,000	3,300	2,000	3,200
1995	42,700	34,100	3,500	1,900	3,200
1996	43,200	34,200	3,800	1,900	3,300
1997	45,100	35,400	4,200	1,900	3,500
1998	46,800	36,800	4,300	2,000	3,700
1999	47,700	37,300	4,700	2,000	3,600
2000	48,700	38,200	4,900	1,900	3,700
2001	50,100	38,850	5,400	2,000	3,900
2002	51,150	39,650	5,450	2,050	4,000
2003	52,700	41,100	5,450	2,050	4,050
2004	54,650	42,650	5,650	2,150	4,200
2005	56,300	43,800	5,850	2,200	4,400
2006	57,250	44,450	6,100	2,200	4,550
2007	58,600	45,500	6,250	2,250	4,650
2008	59,450	46,050	6,300	2,250	4,850
2009	60,000	46,300	6,450	2,250	4,950
2010	60,900	47,000	6,600	2,300	5,000
2011	61,400	47,600	6,500	2,300	5,000
2012	62,200	48,200	6,600	2,300	5,000
2013	64,100	49,600	6,800	2,500	5,200
2014	64,900	50,400	6,800	2,500	5,200
2015	67,000	52,000	7,100	2,500	5,500
2016	68,300	52,700	7,300	2,700	5,600
Percentage Change from Previous Year					
1991	6.9	6.7	12.0	6.3	0.0
1992	2.2	1.8	3.6	0.0	7.7
1993	1.0	0.0	6.9	5.9	3.6
1994	1.9	0.0	6.5	11.1	10.3
1995	0.2	0.3	6.1	-5.0	0.0
1996	1.2	0.3	8.6	0.0	3.1
1997	4.4	3.5	10.5	0.0	6.1
1998	3.8	4.0	2.4	5.3	5.7
1999	1.9	1.4	9.3	0.0	-2.7
2000	2.1	2.4	4.3	-5.0	2.8
2001	2.9	1.7	10.2	5.3	5.4
2002	2.1	2.1	0.9	2.5	2.6
2003	3.0	3.7	0.0	0.0	1.3
2004	3.7	3.8	3.7	4.9	3.7
2005	3.0	2.7	3.5	2.3	4.8
2006	1.7	1.5	4.3	0.0	3.4
2007	2.4	2.4	2.5	2.3	2.2
2008	1.5	1.2	0.8	0.0	4.3
2009	0.9	0.5	2.4	0.0	2.1
2010	1.5	1.5	2.3	2.2	1.0
2011	0.8	1.3	-1.5	0.0	0.0
2012	1.3	1.3	1.5	0.0	0.0
2013	3.1	2.9	3.0	8.7	4.0
2014	1.2	1.6	0.0	0.0	0.0
2015	3.2	3.2	4.4	0.0	5.8
2016	1.9	1.3	2.8	8.0	1.8

2013 to 2016 data benchmarked by DLIR in March 2017. Data rounded to nearest 100 for 1990-2000 and 2010-2016, and to 50 for 2001-2009.

Source: Hawaii State Department of Labor and Industrial Relations, Not Seasonally Adjusted Jobcount by Detailed Industry <<https://www.hiwi.org/gsipub/index.asp?docid=421>>.

Table B-18. JOBS IN ARTS, ENTERTAINMENT AND RECREATION

Year	State	Honolulu	Hawaii	Kauai	Maui
1990	9,300	6,500	600	800	1,400
1991	9,600	6,400	800	800	1,600
1992	10,300	7,000	700	800	1,800
1993	10,300	6,900	800	700	1,900
1994	10,600	7,000	800	800	2,000
1995	10,600	7,000	900	900	1,900
1996	10,100	6,900	800	700	1,700
1997	10,200	6,800	900	700	1,700
1998	10,300	6,700	1,000	800	1,800
1999	10,400	6,700	1,000	800	1,900
2000	10,800	6,900	1,100	800	2,000
2001	11,100	7,000	1,200	850	2,050
2002	10,900	6,800	1,300	900	1,950
2003	11,100	6,700	1,500	950	1,950
2004	11,400	6,800	1,550	1,000	2,050
2005	11,550	6,700	1,550	1,050	2,200
2006	11,650	6,500	1,750	1,050	2,400
2007	12,050	6,750	1,900	1,050	2,350
2008	11,600	6,400	1,850	1,050	2,250
2009	10,700	6,000	1,700	950	2,000
2010	10,300	6,000	1,700	900	1,800
2011	10,500	6,100	1,600	900	1,800
2012	11,300	6,700	1,700	1,000	1,800
2013	12,000	7,100	1,700	1,100	2,000
2014	12,000	7,100	1,500	1,200	2,100
2015	11,700	7,200	1,300	1,200	2,000
2016	12,000	7,300	1,300	1,200	2,200
Percentage Change from Previous Year					
1991	3.2	-1.5	33.3	0.0	14.3
1992	7.3	9.4	-12.5	0.0	12.5
1993	0.0	-1.4	14.3	-12.5	5.6
1994	2.9	1.4	0.0	14.3	5.3
1995	0.0	0.0	12.5	12.5	-5.0
1996	-4.7	-1.4	-11.1	-22.2	-10.5
1997	1.0	-1.4	12.5	0.0	0.0
1998	1.0	-1.5	11.1	14.3	5.9
1999	1.0	0.0	0.0	0.0	5.6
2000	3.8	3.0	10.0	0.0	5.3
2001	2.8	1.4	9.1	6.3	2.5
2002	-1.8	-2.9	8.3	5.9	-4.9
2003	1.8	-1.5	15.4	5.6	0.0
2004	2.7	1.5	3.3	5.3	5.1
2005	1.3	-1.5	0.0	5.0	7.3
2006	0.9	-3.0	12.9	0.0	9.1
2007	3.4	3.8	8.6	0.0	-2.1
2008	-3.7	-5.2	-2.6	0.0	-4.3
2009	-7.8	-6.3	-8.1	-9.5	-11.1
2010	-3.7	0.0	0.0	-5.3	-10.0
2011	1.9	1.7	-5.9	0.0	0.0
2012	7.6	9.8	6.3	11.1	0.0
2013	6.2	6.0	0.0	10.0	11.1
2014	0.0	0.0	-11.8	9.1	5.0
2015	-2.5	1.4	-13.3	0.0	-4.8
2016	2.6	1.4	0.0	0.0	10.0

2013 to 2016 data benchmarked by DLIR in March 2017. Data rounded to nearest 100 for 1990-2000 and 2010-2016, and to 50 for 2001-2009.

Source: Hawaii State Department of Labor and Industrial Relations, Not Seasonally Adjusted Jobcount by Detailed Industry <<https://www.hiwi.org/gsipub/index.asp?docid=421>>.

Table B-19. JOBS IN ACCOMMODATION

Year	State	Honolulu	Hawaii	Kauai	Maui
1990	38,800	19,800	6,200	3,800	9,100
1991	40,600	19,900	6,500	4,400	9,900
1992	41,000	19,700	6,000	4,100	11,100
1993	37,900	18,300	5,800	2,100	11,800
1994	37,900	18,300	5,400	2,600	11,600
1995	37,600	17,900	5,500	3,100	11,100
1996	38,300	17,900	6,100	3,300	10,900
1997	38,100	17,300	6,800	3,400	10,800
1998	37,700	16,600	6,900	3,600	10,700
1999	37,400	15,800	6,900	3,800	11,000
2000	38,300	15,900	7,100	3,900	11,400
2001	37,900	15,700	7,050	3,800	11,400
2002	36,150	15,050	6,650	3,600	10,850
2003	36,750	15,200	6,600	3,800	11,100
2004	37,800	15,450	6,800	4,000	11,550
2005	38,750	15,900	7,050	4,050	11,700
2006	39,150	16,100	7,150	4,150	11,800
2007	39,250	16,350	6,950	4,400	11,600
2008	37,800	15,500	6,450	4,150	11,700
2009	34,850	14,900	5,750	3,650	10,600
2010	34,500	14,700	5,600	3,800	10,400
2011	35,800	15,400	5,400	4,100	10,800
2012	37,700	16,700	5,500	4,100	11,400
2013	38,600	17,200	5,500	4,200	11,700
2014	39,200	17,500	5,800	4,200	11,900
2015	39,200	17,100	6,100	4,200	11,800
2016	40,100	17,900	6,200	4,200	11,900
Percentage Change from Previous Year					
1991	4.6	0.5	4.8	15.8	8.8
1992	1.0	-1.0	-7.7	-6.8	12.1
1993	-7.6	-7.1	-3.3	-48.8	6.3
1994	0.0	0.0	-6.9	23.8	-1.7
1995	-0.8	-2.2	1.9	19.2	-4.3
1996	1.9	0.0	10.9	6.5	-1.8
1997	-0.5	-3.4	11.5	3.0	-0.9
1998	-1.0	-4.0	1.5	5.9	-0.9
1999	-0.8	-4.8	0.0	5.6	2.8
2000	2.4	0.6	2.9	2.6	3.6
2001	-1.0	-1.3	-0.7	-2.6	0.0
2002	-4.6	-4.1	-5.7	-5.3	-4.8
2003	1.7	1.0	-0.8	5.6	2.3
2004	2.9	1.6	3.0	5.3	4.1
2005	2.5	2.9	3.7	1.3	1.3
2006	1.0	1.3	1.4	2.5	0.9
2007	0.3	1.6	-2.8	6.0	-1.7
2008	-3.7	-5.2	-7.2	-5.7	0.9
2009	-7.8	-3.9	-10.9	-12.0	-9.4
2010	-1.0	-1.3	-2.6	4.1	-1.9
2011	3.8	4.8	-3.6	7.9	3.8
2012	5.3	8.4	1.9	0.0	5.6
2013	2.4	3.0	0.0	2.4	2.6
2014	1.6	1.7	5.5	0.0	1.7
2015	0.0	-2.3	5.2	0.0	-0.8
2016	2.3	4.7	1.6	0.0	0.8

2013 to 2016 data benchmarked by DLIR in March 2017. Data rounded to nearest 100 for 1990-2000 and 2010-2016, and to 50 for 2001-2009.

Source: Hawaii State Department of Labor and Industrial Relations, Not Seasonally Adjusted Jobcount by Detailed Industry <<https://www.hiwi.org/gsipub/index.asp?docid=421>>.

Table B-20. JOBS IN FOOD SERVICES AND DRINKING PLACES

Year	State	Honolulu	Hawaii	Kauai	Maui
1990	47,300	35,000	3,900	2,700	5,600
1991	47,200	34,900	3,900	3,100	5,400
1992	47,400	35,600	3,700	2,700	5,400
1993	46,100	35,100	3,600	2,000	5,500
1994	46,300	34,800	3,600	2,300	5,600
1995	47,100	35,100	3,700	2,600	5,800
1996	47,400	35,300	3,800	2,700	5,700
1997	47,200	34,900	3,800	2,700	5,800
1998	47,700	34,700	4,000	2,800	6,200
1999	48,600	35,200	4,100	2,900	6,400
2000	50,500	36,400	4,200	3,100	6,900
2001	50,200	35,650	4,250	3,050	7,200
2002	50,350	35,650	4,400	3,050	7,250
2003	51,850	36,600	4,650	3,200	7,350
2004	54,600	38,350	5,100	3,400	7,750
2005	56,050	39,400	5,300	3,400	7,950
2006	57,350	40,100	5,550	3,400	8,350
2007	58,700	41,050	5,900	3,400	8,350
2008	57,700	40,650	5,500	3,350	8,100
2009	55,350	39,700	5,150	3,150	7,300
2010	55,500	39,300	5,300	3,300	7,600
2011	56,800	40,000	5,400	3,300	8,100
2012	58,500	40,600	5,600	3,600	8,600
2013	60,700	42,200	5,800	3,800	8,900
2014	62,000	43,000	5,900	3,900	9,200
2015	63,700	44,000	6,200	3,900	9,600
2016	66,100	45,400	6,700	4,200	9,700
Percentage Change from Previous Year					
1991	-0.2	-0.3	0.0	14.8	-3.6
1992	0.4	2.0	-5.1	-12.9	0.0
1993	-2.7	-1.4	-2.7	-25.9	1.9
1994	0.4	-0.9	0.0	15.0	1.8
1995	1.7	0.9	2.8	13.0	3.6
1996	0.6	0.6	2.7	3.8	-1.7
1997	-0.4	-1.1	0.0	0.0	1.8
1998	1.1	-0.6	5.3	3.7	6.9
1999	1.9	1.4	2.5	3.6	3.2
2000	3.9	3.4	2.4	6.9	7.8
2001	-0.6	-2.1	1.2	-1.6	4.3
2002	0.3	0.0	3.5	0.0	0.7
2003	3.0	2.7	5.7	4.9	1.4
2004	5.3	4.8	9.7	6.3	5.4
2005	2.7	2.7	3.9	0.0	2.6
2006	2.3	1.8	4.7	0.0	5.0
2007	2.4	2.4	6.3	0.0	0.0
2008	-1.7	-1.0	-6.8	-1.5	-3.0
2009	-4.1	-2.3	-6.4	-6.0	-9.9
2010	0.3	-1.0	2.9	4.8	4.1
2011	2.3	1.8	1.9	0.0	6.6
2012	3.0	1.5	3.7	9.1	6.2
2013	3.8	3.9	3.6	5.6	3.5
2014	2.1	1.9	1.7	2.6	3.4
2015	2.7	2.3	5.1	0.0	4.3
2016	3.8	3.2	8.1	7.7	1.0

2013 to 2016 data benchmarked by DLIR in March 2017. Data rounded to nearest 100 for 1990-2000 and 2010-2016, and to 50 for 2001-2009.

Source: Hawaii State Department of Labor and Industrial Relations, Not Seasonally Adjusted Jobcount by Detailed Industry <<https://www.hiwi.org/gsipub/index.asp?docid=421>>.

Table B-21. JOBS IN OTHER SERVICES

Year	State	Honolulu	Hawaii	Kauai	Maui
1990	19,800	16,300	1,300	600	1,700
1991	20,500	16,700	1,300	600	1,900
1992	21,400	17,300	1,500	600	2,000
1993	21,700	17,600	1,500	600	2,100
1994	21,800	17,700	1,400	600	2,100
1995	21,700	17,700	1,300	600	2,100
1996	21,800	17,700	1,300	600	2,100
1997	21,700	17,400	1,300	700	2,300
1998	21,700	17,400	1,300	700	2,400
1999	21,800	17,400	1,300	700	2,400
2000	22,900	18,400	1,300	700	2,400
2001	23,550	18,800	1,500	700	2,550
2002	23,700	18,850	1,600	650	2,600
2003	24,200	19,200	1,650	650	2,700
2004	24,450	19,100	1,850	750	2,750
2005	25,200	19,600	2,000	800	2,800
2006	26,100	20,400	2,050	850	2,800
2007	26,600	20,600	2,200	950	2,800
2008	27,200	21,000	2,250	1,100	2,900
2009	26,000	20,300	2,000	1,050	2,700
2010	25,900	20,000	2,000	1,000	2,800
2011	25,900	20,200	2,000	1,000	2,700
2012	26,300	20,500	2,000	1,000	2,800
2013	26,600	20,900	1,900	1,000	2,800
2014	26,600	20,900	1,900	1,000	2,900
2015	26,800	21,000	1,900	1,000	3,000
2016	27,200	21,200	2,000	1,000	3,100
Percentage Change from Previous Year					
1991	3.5	2.5	0.0	0.0	11.8
1992	4.4	3.6	15.4	0.0	5.3
1993	1.4	1.7	0.0	0.0	5.0
1994	0.5	0.6	-6.7	0.0	0.0
1995	-0.5	0.0	-7.1	0.0	0.0
1996	0.5	0.0	0.0	0.0	0.0
1997	-0.5	-1.7	0.0	16.7	9.5
1998	0.0	0.0	0.0	0.0	4.3
1999	0.5	0.0	0.0	0.0	0.0
2000	5.0	5.7	0.0	0.0	0.0
2001	2.8	2.2	15.4	0.0	6.3
2002	0.6	0.3	6.7	-7.1	2.0
2003	2.1	1.9	3.1	0.0	3.8
2004	1.0	-0.5	12.1	15.4	1.9
2005	3.1	2.6	8.1	6.7	1.8
2006	3.6	4.1	2.5	6.3	0.0
2007	1.9	1.0	7.3	11.8	0.0
2008	2.3	1.9	2.3	15.8	3.6
2009	-4.4	-3.3	-11.1	-4.5	-6.9
2010	-0.4	-1.5	0.0	-4.8	3.7
2011	0.0	1.0	0.0	0.0	-3.6
2012	1.5	1.5	0.0	0.0	3.7
2013	1.1	2.0	-5.0	0.0	0.0
2014	0.0	0.0	0.0	0.0	3.6
2015	0.8	0.5	0.0	0.0	3.4
2016	1.5	1.0	5.3	0.0	3.3

2013 to 2016 data benchmarked by DLIR in March 2017. Data rounded to nearest 100 for 1990-2000 and 2010-2016, and to 50 for 2001-2009.

Source: Hawaii State Department of Labor and Industrial Relations, Not Seasonally Adjusted Jobcount by Detailed Industry <<https://www.hiwi.org/gsipub/index.asp?docid=421>>.

Table B-22. JOBS IN GOVERNMENT

Year	State	Honolulu	Hawaii	Kauai	Maui
1990	105,600	88,100	8,400	3,400	5,800
1991	108,900	89,900	9,100	3,600	6,400
1992	111,100	90,900	9,700	3,900	6,800
1993	111,500	90,400	10,000	4,200	7,100
1994	111,900	90,200	10,200	4,100	7,400
1995	111,400	89,900	10,100	4,100	7,400
1996	110,600	89,000	10,100	4,000	7,400
1997	111,700	89,900	10,200	4,000	7,500
1998	112,200	90,200	10,500	4,000	7,600
1999	112,800	90,500	10,600	4,100	7,700
2000	114,600	91,700	11,000	4,100	7,900
2001	114,450	91,250	11,000	4,100	8,100
2002	117,950	93,950	11,350	4,200	8,450
2003	119,150	94,850	11,400	4,200	8,700
2004	120,050	95,700	11,450	4,200	8,650
2005	119,650	95,150	11,600	4,200	8,750
2006	121,250	96,200	11,950	4,250	8,850
2007	122,100	96,500	12,200	4,300	9,100
2008	125,000	98,350	12,750	4,450	9,500
2009	125,700	98,750	12,850	4,450	9,650
2010	125,200	98,300	12,700	4,500	9,700
2011	124,600	98,100	12,400	4,400	9,500
2012	125,500	98,700	12,600	4,500	9,700
2013	124,500	97,600	12,600	4,500	9,700
2014	126,300	98,800	13,100	4,600	9,800
2015	126,400	99,000	13,100	4,600	9,800
2016	126,300	98,900	13,200	4,600	9,800
Percentage Change from Previous Year					
1991	3.1	2.0	8.3	5.9	10.3
1992	2.0	1.1	6.6	8.3	6.3
1993	0.4	-0.6	3.1	7.7	4.4
1994	0.4	-0.2	2.0	-2.4	4.2
1995	-0.4	-0.3	-1.0	0.0	0.0
1996	-0.7	-1.0	0.0	-2.4	0.0
1997	1.0	1.0	1.0	0.0	1.4
1998	0.4	0.3	2.9	0.0	1.3
1999	0.5	0.3	1.0	2.5	1.3
2000	1.6	1.3	3.8	0.0	2.6
2001	-0.1	-0.5	0.0	0.0	2.5
2002	3.1	3.0	3.2	2.4	4.3
2003	1.0	1.0	0.4	0.0	3.0
2004	0.8	0.9	0.4	0.0	-0.6
2005	-0.3	-0.6	1.3	0.0	1.2
2006	1.3	1.1	3.0	1.2	1.1
2007	0.7	0.3	2.1	1.2	2.8
2008	2.4	1.9	4.5	3.5	4.4
2009	0.6	0.4	0.8	0.0	1.6
2010	-0.4	-0.5	-1.2	1.1	0.5
2011	-0.5	-0.2	-2.4	-2.2	-2.1
2012	0.7	0.6	1.6	2.3	2.1
2013	-0.8	-1.1	0.0	0.0	0.0
2014	1.4	1.2	4.0	2.2	1.0
2015	0.1	0.2	0.0	0.0	0.0
2016	-0.1	-0.1	0.8	0.0	0.0

2013 to 2016 data benchmarked by DLIR in March 2017. Data rounded to nearest 100 for 1990-2000 and 2010-2016, and to 50 for 2001-2009.

Source: Hawaii State Department of Labor and Industrial Relations, Not Seasonally Adjusted Jobcount by Detailed Industry <<https://www.hiwi.org/gsipub/index.asp?docid=421>>.

Table B-23. JOBS IN FEDERAL GOVERNMENT

Year	State	Honolulu	Hawaii	Kauai	Maui
1990	34,200	32,600	800	400	400
1991	33,900	32,300	800	400	500
1992	33,300	31,600	800	400	500
1993	31,800	30,100	900	400	500
1994	31,300	29,500	900	500	500
1995	31,100	29,300	900	400	500
1996	31,100	29,300	900	400	500
1997	30,700	28,900	900	400	500
1998	30,400	28,800	900	400	500
1999	30,300	28,600	900	400	500
2000	31,000	28,900	1,000	400	600
2001	30,100	28,150	1,000	400	550
2002	30,650	28,600	1,050	400	600
2003	31,650	29,150	1,200	500	800
2004	31,450	29,000	1,200	500	750
2005	31,300	28,800	1,250	500	750
2006	31,850	29,300	1,250	500	800
2007	31,750	29,100	1,300	550	800
2008	32,200	29,450	1,350	550	900
2009	33,300	30,500	1,350	550	900
2010	34,800	31,800	1,500	600	1,000
2011	34,900	32,000	1,400	600	900
2012	34,900	32,100	1,400	500	900
2013	33,900	31,100	1,400	500	900
2014	33,200	30,500	1,400	500	800
2015	33,100	30,500	1,300	500	800
2016	33,200	30,500	1,300	500	800
Percentage Change from Previous Year					
1991	-0.9	-0.9	0.0	0.0	25.0
1992	-1.8	-2.2	0.0	0.0	0.0
1993	-4.5	-4.7	12.5	0.0	0.0
1994	-1.6	-2.0	0.0	25.0	0.0
1995	-0.6	-0.7	0.0	-20.0	0.0
1996	0.0	0.0	0.0	0.0	0.0
1997	-1.3	-1.4	0.0	0.0	0.0
1998	-1.0	-0.3	0.0	0.0	0.0
1999	-0.3	-0.7	0.0	0.0	0.0
2000	2.3	1.0	11.1	0.0	20.0
2001	-2.9	-2.6	0.0	0.0	-8.3
2002	1.8	1.6	5.0	0.0	9.1
2003	3.3	1.9	14.3	25.0	33.3
2004	-0.6	-0.5	0.0	0.0	-6.3
2005	-0.5	-0.7	4.2	0.0	0.0
2006	1.8	1.7	0.0	0.0	6.7
2007	-0.3	-0.7	4.0	10.0	0.0
2008	1.4	1.2	3.8	0.0	12.5
2009	3.4	3.6	0.0	0.0	0.0
2010	4.5	4.3	11.1	9.1	11.1
2011	0.3	0.6	-6.7	0.0	-10.0
2012	0.0	0.3	0.0	-16.7	0.0
2013	-2.9	-3.1	0.0	0.0	0.0
2014	-2.1	-1.9	0.0	0.0	-11.1
2015	-0.3	0.0	-7.1	0.0	0.0
2016	0.3	0.0	0.0	0.0	0.0

2013 to 2016 data benchmarked by DLIR in March 2017. Data rounded to nearest 100 for 1990-2000 and 2010-2016, and to 50 for 2001-2009.

Source: Hawaii State Department of Labor and Industrial Relations, Not Seasonally Adjusted Jobcount by Detailed Industry <<https://www.hiwi.org/gsipub/index.asp?docid=421>>.

Table B-24. JOBS IN STATE GOVERNMENT

Year	State	Honolulu	Hawaii	Kauai	Maui
1990	57,100	45,500	5,600	2,100	3,900
1991	60,300	47,400	6,300	2,300	4,300
1992	62,600	48,800	6,700	2,500	4,600
1993	64,200	49,800	7,000	2,800	4,800
1994	65,000	50,200	7,200	2,600	5,000
1995	63,900	49,300	7,100	2,600	5,000
1996	62,800	48,200	7,100	2,500	4,900
1997	64,300	49,400	7,200	2,600	5,100
1998	64,900	49,900	7,300	2,600	5,200
1999	65,800	50,500	7,500	2,600	5,300
2000	66,900	51,300	7,600	2,600	5,300
2001	67,300	51,400	7,750	2,650	5,450
2002	70,150	53,700	8,050	2,700	5,700
2003	70,550	54,300	7,950	2,600	5,700
2004	71,500	55,200	7,950	2,550	5,700
2005	71,150	54,900	8,000	2,550	5,700
2006	71,950	55,350	8,250	2,600	5,750
2007	72,400	55,550	8,350	2,600	5,850
2008	74,300	56,850	8,700	2,650	6,100
2009	73,700	56,150	8,750	2,650	6,150
2010	71,700	54,400	8,500	2,700	6,100
2011	71,100	54,100	8,400	2,600	6,000
2012	72,100	54,600	8,600	2,700	6,200
2013	71,900	54,400	8,600	2,700	6,200
2014	74,200	56,100	9,000	2,800	6,400
2015	74,500	56,300	9,100	2,800	6,300
2016	74,100	55,800	9,200	2,800	6,300
Percentage Change from Previous Year					
1991	5.6	4.2	12.5	9.5	10.3
1992	3.8	3.0	6.3	8.7	7.0
1993	2.6	2.0	4.5	12.0	4.3
1994	1.2	0.8	2.9	-7.1	4.2
1995	-1.7	-1.8	-1.4	0.0	0.0
1996	-1.7	-2.2	0.0	-3.8	-2.0
1997	2.4	2.5	1.4	4.0	4.1
1998	0.9	1.0	1.4	0.0	2.0
1999	1.4	1.2	2.7	0.0	1.9
2000	1.7	1.6	1.3	0.0	0.0
2001	0.6	0.2	2.0	1.9	2.8
2002	4.2	4.5	3.9	1.9	4.6
2003	0.6	1.1	-1.2	-3.7	0.0
2004	1.3	1.7	0.0	-1.9	0.0
2005	-0.5	-0.5	0.6	0.0	0.0
2006	1.1	0.8	3.1	2.0	0.9
2007	0.6	0.4	1.2	0.0	1.7
2008	2.6	2.3	4.2	1.9	4.3
2009	-0.8	-1.2	0.6	0.0	0.8
2010	-2.7	-3.1	-2.9	1.9	-0.8
2011	-0.8	-0.6	-1.2	-3.7	-1.6
2012	1.4	0.9	2.4	3.8	3.3
2013	-0.3	-0.4	0.0	0.0	0.0
2014	3.2	3.1	4.7	3.7	3.2
2015	0.4	0.4	1.1	0.0	-1.6
2016	-0.5	-0.9	1.1	0.0	0.0

2013 to 2016 data benchmarked by DLIR in March 2017. Data rounded to nearest 100 for 1990-2000 and 2010-2016, and to 50 for 2001-2009.

Source: Hawaii State Department of Labor and Industrial Relations, Not Seasonally Adjusted Jobcount by Detailed Industry <<https://www.hiwi.org/gsipub/index.asp?docid=421>>.

Table B-25. JOBS IN LOCAL GOVERNMENT

Year	State	Honolulu	Hawaii	Kauai	Maui
1990	14,400	10,000	2,000	900	1,600
1991	14,800	10,200	2,100	900	1,700
1992	15,300	10,400	2,100	1,000	1,800
1993	15,500	10,500	2,100	1,000	1,900
1994	15,600	10,500	2,100	1,100	1,900
1995	16,400	11,300	2,100	1,100	2,000
1996	16,600	11,500	2,200	1,000	2,000
1997	16,800	11,600	2,200	1,000	1,900
1998	16,900	11,600	2,300	1,100	1,900
1999	16,700	11,500	2,300	1,000	1,900
2000	16,700	11,400	2,300	1,100	1,900
2001	17,100	11,650	2,250	1,100	2,100
2002	17,150	11,600	2,250	1,100	2,150
2003	16,950	11,400	2,250	1,100	2,150
2004	17,100	11,500	2,300	1,100	2,200
2005	17,200	11,500	2,350	1,150	2,300
2006	17,450	11,550	2,450	1,150	2,350
2007	17,950	11,800	2,550	1,150	2,400
2008	18,550	12,100	2,700	1,200	2,550
2009	18,650	12,050	2,750	1,250	2,650
2010	18,700	12,200	2,700	1,200	2,600
2011	18,500	12,000	2,600	1,200	2,600
2012	18,500	12,000	2,600	1,300	2,600
2013	18,700	12,100	2,600	1,300	2,700
2014	18,800	12,200	2,700	1,300	2,700
2015	18,900	12,200	2,700	1,300	2,700
2016	19,000	12,300	2,700	1,300	2,700
Percentage Change from Previous Year					
1991	2.8	2.0	5.0	0.0	6.3
1992	3.4	2.0	0.0	11.1	5.9
1993	1.3	1.0	0.0	0.0	5.6
1994	0.6	0.0	0.0	10.0	0.0
1995	5.1	7.6	0.0	0.0	5.3
1996	1.2	1.8	4.8	-9.1	0.0
1997	1.2	0.9	0.0	0.0	-5.0
1998	0.6	0.0	4.5	10.0	0.0
1999	-1.2	-0.9	0.0	-9.1	0.0
2000	0.0	-0.9	0.0	10.0	0.0
2001	2.4	2.2	-2.2	0.0	10.5
2002	0.3	-0.4	0.0	0.0	2.4
2003	-1.2	-1.7	0.0	0.0	0.0
2004	0.9	0.9	2.2	0.0	2.3
2005	0.6	0.0	2.2	4.5	4.5
2006	1.5	0.4	4.3	0.0	2.2
2007	2.9	2.2	4.1	0.0	2.1
2008	3.3	2.5	5.9	4.3	6.3
2009	0.5	-0.4	1.9	4.2	3.9
2010	0.3	1.2	-1.8	-4.0	-1.9
2011	-1.1	-1.6	-3.7	0.0	0.0
2012	0.0	0.0	0.0	8.3	0.0
2013	1.1	0.8	0.0	0.0	3.8
2014	0.5	0.8	3.8	0.0	0.0
2015	0.5	0.0	0.0	0.0	0.0
2016	0.5	0.8	0.0	0.0	0.0

2013 to 2016 data benchmarked by DLIR in March 2017. Data rounded to nearest 100 for 1990-2000 and 2010-2016, and to 50 for 2001-2009.

Source: Hawaii State Department of Labor and Industrial Relations, Not Seasonally Adjusted Jobcount by Detailed Industry <<http://www.hiwi.org/gsipub/index.asp?docid=421>>.

Table B-26. JOBS IN AGRICULTURE

Year	State	Honolulu	Hawaii	Kauai	Maui
1990	9,550	2,300	3,500	1,150	2,550
1991	9,550	2,250	3,650	1,150	2,550
1992	9,300	2,200	3,800	1,100	2,200
1993	8,550	2,100	3,200	1,050	2,200
1994	8,000	2,100	2,950	1,050	1,950
1995	7,300	1,950	2,450	950	1,900
1996	7,400	2,050	2,550	850	1,950
1997	7,200	1,950	2,450	800	1,950
1998	7,550	2,200	2,500	800	2,000
1999	7,700	2,200	2,450	900	2,150
2000	7,900	2,300	2,700	950	1,950
2001	7,400	2,300	2,650	650	1,800
2002	7,200	2,000	2,400	750	2,050
2003	7,100	2,100	2,750	750	1,500
2004	7,300	2,200	2,700	700	1,700
2005	6,900	2,000	2,500	750	1,650
2006	6,950	1,850	2,600	700	1,750
2007	6,500	1,600	2,450	700	1,750
2008	6,150	1,550	2,300	600	1,700
2009	6,150	1,500	2,350	600	1,700
2010	6,300	1,650	2,650	550	1,450
2011	7,000	1,800	2,950	600	1,600
2012	6,500	(NA)	(NA)	(NA)	(NA)
2013	6,500	(NA)	(NA)	(NA)	(NA)
2014	7,000	(NA)	(NA)	(NA)	(NA)
2015	6,500	(NA)	(NA)	(NA)	(NA)
2016	6,000	(NA)	(NA)	(NA)	(NA)
Percentage Change from Previous Year					
1991	0.0	-2.2	4.3	0.0	0.0
1992	-2.6	-2.2	4.1	-4.3	-13.7
1993	-8.1	-4.5	-15.8	-4.5	0.0
1994	-6.4	0.0	-7.8	0.0	-11.4
1995	-8.8	-7.1	-16.9	-9.5	-2.6
1996	1.4	5.1	4.1	-10.5	2.6
1997	-2.7	-4.9	-3.9	-5.9	0.0
1998	4.9	12.8	2.0	0.0	2.6
1999	2.0	0.0	-2.0	12.5	7.5
2000	2.6	4.5	10.2	5.6	-9.3
2001	-6.3	0.0	-1.9	-31.6	-7.7
2002	-2.7	-13.0	-9.4	15.4	13.9
2003	-1.4	5.0	14.6	0.0	-26.8
2004	2.8	4.8	-1.8	-6.7	13.3
2005	-5.5	-9.1	-7.4	7.1	-2.9
2006	0.7	-7.5	4.0	-6.7	6.1
2007	-6.5	-13.5	-5.8	0.0	0.0
2008	-5.4	-3.1	-6.1	-14.3	-2.9
2009	0.0	-3.2	2.2	0.0	0.0
2010	2.4	10.0	12.8	-8.3	-14.7
2011	11.1	9.1	11.3	9.1	10.3
2012	-7.1	(NA)	(NA)	(NA)	(NA)
2013	0.0	(NA)	(NA)	(NA)	(NA)
2014	7.7	(NA)	(NA)	(NA)	(NA)
2015	-7.1	(NA)	(NA)	(NA)	(NA)
2016	-7.7	(NA)	(NA)	(NA)	(NA)

NA Not available. 2013 to 2016 data benchmarked by DLIR in March 2017. Data rounded to nearest 100 for 1990-2000 and 2010-2016, and to 50 for 2001-2009.

Source: Hawaii State Department of Labor and Industrial Relations, Not Seasonally Adjusted Jobcount by Detailed Industry <<https://www.hiwi.org/gsipub/index.asp?docid=421>> and U.S. National Agricultural Statistics Service (NASS) <<https://quickstats.nass.usda.gov/>>.

C. Gross Product, Income and Tax

Gross domestic product (GDP) data for Hawaii are available from 1963. Beginning with 2001, GDP estimates are available for Metropolitan Statistical Areas (MSA) of Urban Honolulu and Kahului-Wailuku-Lahaina (contiguous with Maui County) MSA, and the remainder of the state as Non-MSA. For the 2001-2016 period, average annual GDP growth for the state was 4.5 percent; 4.9 percent for Honolulu, 4.2 percent for Maui County, and 3.1 percent for the other Non-MSA area.

Total statewide personal income increased at an average increase of 4.1 percent between 1990 and 2016 and the counties from 3.9 percent to 5.2 percent. From 1990 to 2016, per capita personal income growth was led by Kauai County at 135.1 percent, followed by Maui County at 131.8 percent, Hawaii County at 131.2 percent, and Honolulu at 127.3 percent. In 2016, per capita personal income in the three neighbor island counties was about 18-30 percent lower than in Honolulu County.

From 1990 to 2016, the average annual wage per job increased 113.1 percent statewide with the largest increase, 122.9 percent, in Kauai County, followed by Honolulu (114.9 percent), Hawaii (111.9 percent), and Maui (109.2 percent). The 2015 to 2016 increase was 2.5 percent statewide, and between 2.3 percent and 3.2 percent for the counties.

Taxable retail sales in the state (retailing tax base) totaled \$29.0 billion in 2016, representing an annual average growth rate of 3.2 percent between 1990 and 2016. Honolulu County had the largest annual average increase in retail sales at 3.4 percent, Maui County at 2.4 percent, Hawaii County at 1.9 percent and Kauai County at 1.6 percent over the period.

Statewide taxable services (services tax base) sales grew an average of 4.5 percent annually to \$13.6 billion in 2016, or more than triple the value of sales in 1990, with Kauai growing the fastest at 5.6 percent annually, Maui next at 5.4 percent, Hawaii County at 4.5 percent, and Honolulu County at 4.4 percent annually.

Construction tax base showed fluctuations along the business cycles over the 1990-2016 period. Reflecting the economic recovery started in 2010, the construction tax base increased in 2011 through 2016 with a single decline in 2014. By 2016 the contracting tax base totaled \$8.3 billion, 2.7 percent higher than the 2007 peak but 48.3 percent higher than the 2010 low.

The value of hotel room sales in the state (hotel rentals tax base) reached \$4.5 billion in 2016, representing a 186.2 percent increase from 1990. Honolulu County had the largest increase at 211.5 percent, Kauai County at 184.8 percent, Hawaii County at 132.6 percent, and Maui County at 79.8 percent.

General excise and use tax revenues, from 1990 to 2016, grew the most in the Honolulu County (163.1 percent), followed by Kauai County (146.6 percent), Maui County (128.6 percent) and Hawaii County (107.2 percent).

Readers should note that, though reported by county, tax base and tax revenue data are based on place of filing and do not necessarily represent the place of business. For example, the headquarters in Honolulu may file taxes for all its establishments on the neighbor islands. The tax base and revenue data are therefore recorded under the City & County of Honolulu. Tax data by place of business are not available.

Table C-1. GROSS DOMESTIC PRODUCT
[In millions of dollars]

Year	State	MSA	Honolulu	Maui	Non-MSA	Hawaii	Kauai
1990 1/	32,534	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1991 1/	34,357	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1992 1/	36,129	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1993 1/	36,732	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1994 1/	37,395	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1995 1/	37,763	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1996 1/	38,125	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1997 1/	39,064	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1997 2/	37,655	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1998 2/	37,585	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1999 2/	39,224	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2000 2/	41,472	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2001 2/	43,089	36,375	31,782	4,593	6,714	(NA)	(NA)
2002 2/	45,581	38,428	33,548	4,880	7,153	(NA)	(NA)
2003 2/	49,136	41,470	36,229	5,241	7,666	(NA)	(NA)
2004 2/	53,755	45,425	39,783	5,642	8,330	(NA)	(NA)
2005 2/	58,573	49,059	42,872	6,187	9,514	(NA)	(NA)
2006 2/	62,054	52,744	46,226	6,518	9,310	(NA)	(NA)
2007 2/	65,210	55,565	48,456	7,109	9,645	(NA)	(NA)
2008 2/	66,692	56,837	49,799	7,038	9,855	(NA)	(NA)
2009 2/	65,382	55,865	48,996	6,869	9,517	(NA)	(NA)
2010 2/	68,225	58,815	52,173	6,642	9,410	(NA)	(NA)
2011 2/	70,017	60,569	53,342	7,227	9,448	(NA)	(NA)
2012 2/	72,532	62,692	55,267	7,425	9,840	(NA)	(NA)
2013 2/	74,630	64,973	57,315	7,658	9,657	(NA)	(NA)
2014 2/	76,835	66,957	58,953	8,004	9,878	(NA)	(NA)
2015 2/	80,599	70,347	61,951	8,396	10,252	(NA)	(NA)
2016 2/	83,917	73,234	64,756	8,478	10,683	(NA)	(NA)
Percentage Change from Previous Year							
1991 1/	5.6	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1992 1/	5.2	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1993 1/	1.7	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1994 1/	1.8	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1995 1/	1.0	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1996 1/	1.0	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1997 1/	2.5	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1998 2/	-0.2	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1999 2/	4.4	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2000 2/	5.7	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2001 2/	3.9	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2002 2/	5.8	5.6	5.6	6.2	6.5	(NA)	(NA)
2003 2/	7.8	7.9	8.0	7.4	7.2	(NA)	(NA)
2004 2/	9.4	9.5	9.8	7.7	8.7	(NA)	(NA)
2005 2/	9.0	8.0	7.8	9.7	14.2	(NA)	(NA)
2006 2/	5.9	7.5	7.8	5.3	-2.1	(NA)	(NA)
2007 2/	5.1	5.3	4.8	9.1	3.6	(NA)	(NA)
2008 2/	2.3	2.3	2.8	-1.0	2.2	(NA)	(NA)
2009 2/	-2.0	-1.7	-1.6	-2.4	-3.4	(NA)	(NA)
2010 2/	4.3	5.3	6.5	-3.3	-1.1	(NA)	(NA)
2011 2/	2.6	3.0	2.2	8.8	0.4	(NA)	(NA)
2012 2/	3.6	3.5	3.6	2.7	4.1	(NA)	(NA)
2013 2/	2.9	3.6	3.7	3.1	-1.9	(NA)	(NA)
2014 2/	3.0	3.1	2.9	4.5	2.3	(NA)	(NA)
2015 2/	4.9	5.1	5.1	4.9	3.8	(NA)	(NA)
2016 2/	4.1	4.1	4.5	1.0	4.2	(NA)	(NA)

1/ Classified according to Standard Industrial Code.

2/ Classified according to North American Industrial Classification System.

Source: U.S. Bureau of Economic Analysis, "Gross Domestic Product by Metro Area 2016" and Interactive Data for GDP <<https://www.bea.gov/itable/iTable.cfm?ReqID=70&step=1#reqid=70&step=1&isuri=1>> (September 20, 2017) and Hawaii Department of Business, Economic Development & Tourism records.

Table C-1. GROSS DOMESTIC PRODUCT PER CAPITA

[In dollars]

Year	State	Metro SA	Honolulu	Maui	Non-MSA	Hawaii	Kauai
1990 1/	29,218	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1991 1/	30,224	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1992 1/	31,183	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1993 1/	31,319	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1994 1/	31,490	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1995 1/	31,552	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1996 1/	31,672	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1997 1/	32,241	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1997 2/	31,078	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1998 2/	30,928	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1999 2/	32,408	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2000 2/	34,175	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2001 2/	35,147	35,164	36,003	30,279	35,060	(NA)	(NA)
2002 2/	36,770	36,771	37,674	31,570	36,764	(NA)	(NA)
2003 2/	39,273	39,392	40,511	33,078	38,639	(NA)	(NA)
2004 2/	42,208	42,420	43,814	34,645	41,091	(NA)	(NA)
2005 2/	45,310	45,157	46,692	36,776	46,115	(NA)	(NA)
2006 2/	47,379	47,928	49,869	37,560	44,494	(NA)	(NA)
2007 2/	49,564	50,373	52,366	39,998	45,365	(NA)	(NA)
2008 2/	50,061	50,966	53,336	38,776	45,409	(NA)	(NA)
2009 2/	48,549	49,578	51,948	37,407	43,277	(NA)	(NA)
2010 2/	50,020	51,517	54,556	35,837	42,334	(NA)	(NA)
2011 2/	50,816	52,522	55,204	38,661	42,056	(NA)	(NA)
2012 2/	52,113	53,828	56,631	39,335	43,320	(NA)	(NA)
2013 2/	53,062	55,255	58,204	40,063	41,877	(NA)	(NA)
2014 2/	54,249	56,625	59,634	41,282	42,236	(NA)	(NA)
2015 2/	56,554	59,149	62,377	42,803	43,471	(NA)	(NA)
2016 2/	58,742	61,487	65,238	42,721	44,980	(NA)	(NA)
Percentage Change from Previous Year							
1991 1/	3.4	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1992 1/	3.2	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1993 1/	0.4	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1994 1/	0.5	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1995 1/	0.2	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1996 1/	0.4	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1997 1/	1.8	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1998 2/	-0.5	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1999 2/	4.8	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2000 2/	5.5	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2001 2/	2.8	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2002 2/	4.6	4.6	4.6	4.3	4.9	(NA)	(NA)
2003 2/	6.8	7.1	7.5	4.8	5.1	(NA)	(NA)
2004 2/	7.5	7.7	8.2	4.7	6.3	(NA)	(NA)
2005 2/	7.3	6.5	6.6	6.1	12.2	(NA)	(NA)
2006 2/	4.6	6.1	6.8	2.1	-3.5	(NA)	(NA)
2007 2/	4.6	5.1	5.0	6.5	2.0	(NA)	(NA)
2008 2/	1.0	1.2	1.9	-3.1	0.1	(NA)	(NA)
2009 2/	-3.0	-2.7	-2.6	-3.5	-4.7	(NA)	(NA)
2010 2/	3.0	3.9	5.0	-4.2	-2.2	(NA)	(NA)
2011 2/	1.6	2.0	1.2	7.9	-0.7	(NA)	(NA)
2012 2/	2.6	2.5	2.6	1.7	3.0	(NA)	(NA)
2013 2/	1.8	2.7	2.8	1.9	-3.3	(NA)	(NA)
2014 2/	2.2	2.5	2.5	3.0	0.9	(NA)	(NA)
2015 2/	4.3	4.5	4.6	3.7	2.9	(NA)	(NA)
2016 2/	3.9	4.0	4.6	-0.2	3.5	(NA)	(NA)

Per capita GDP calculated using Census Bureau mid-year population estimates.

1/ Classified according to Standard Industrial Code.

2/ Classified according to North American Industrial Classification System.

Source: U.S. Bureau of Economic Analysis, "Gross Domestic Product by Metro Area 2016" and Interactive Data for GDP <<https://www.bea.gov/itable/iTable.cfm?ReqID=70&step=1#reqid=70&step=1&isuri=1>> (September 20, 2017) and Hawaii Department of Business, Economic Development & Tourism records.

Table C-3. PERSONAL INCOME

[In thousands of dollars]

Year	State	Honolulu	Hawaii	Kauai	Maui
1990	24,931,086	20,002,934	2,018,456	957,874	1,951,822
1991	26,366,349	21,057,382	2,191,880	1,042,232	2,074,855
1992	28,424,752	22,662,997	2,330,440	1,129,298	2,302,017
1993	29,472,164	23,387,806	2,458,554	1,182,363	2,443,441
1994	30,121,287	23,828,975	2,548,794	1,207,517	2,536,001
1995	30,776,621	24,281,165	2,622,851	1,260,168	2,612,437
1996	30,785,523	24,204,197	2,682,866	1,255,669	2,642,791
1997	31,791,726	25,019,377	2,760,090	1,278,069	2,734,190
1998	32,450,676	25,356,732	2,921,666	1,308,160	2,864,118
1999	33,645,376	26,109,826	3,074,855	1,365,582	3,095,113
2000	35,680,722	27,573,673	3,321,765	1,469,290	3,315,994
2001	37,214,473	28,660,560	3,502,791	1,531,179	3,519,943
2002	38,922,238	29,908,194	3,707,860	1,588,012	3,718,172
2003	40,763,715	31,185,936	3,926,303	1,693,760	3,957,716
2004	43,952,173	33,375,168	4,365,672	1,882,715	4,328,618
2005	47,220,711	35,680,948	4,831,982	2,017,835	4,689,946
2006	50,618,308	38,195,299	5,212,423	2,157,515	5,053,071
2007	53,206,947	40,023,215	5,541,148	2,300,733	5,341,851
2008	56,050,035	42,094,733	5,890,669	2,423,343	5,641,290
2009	55,852,773	42,500,078	5,675,624	2,329,132	5,347,939
2010	56,908,597	43,243,842	5,807,050	2,356,523	5,501,182
2011	59,072,082	44,899,590	5,969,223	2,449,357	5,753,912
2012	61,836,090	46,792,938	6,245,535	2,578,066	6,219,551
2013	62,784,498	47,504,739	6,349,327	2,702,595	6,227,837
2014	66,122,066	49,880,837	6,747,024	2,880,954	6,613,251
2015	69,637,831	52,317,648	7,253,156	3,032,891	7,034,136
2016	71,946,077	53,827,889	7,618,924	3,139,390	7,359,874
Percentage Change from Previous Year					
1991	5.8	5.3	8.6	8.8	6.3
1992	7.8	7.6	6.3	8.4	10.9
1993	3.7	3.2	5.5	4.7	6.1
1994	2.2	1.9	3.7	2.1	3.8
1995	2.2	1.9	2.9	4.4	3.0
1996	0.0	-0.3	2.3	-0.4	1.2
1997	3.3	3.4	2.9	1.8	3.5
1998	2.1	1.3	5.9	2.4	4.8
1999	3.7	3.0	5.2	4.4	8.1
2000	6.0	5.6	8.0	7.6	7.1
2001	4.3	3.9	5.4	4.2	6.2
2002	4.6	4.4	5.9	3.7	5.6
2003	4.7	4.3	5.9	6.7	6.4
2004	7.8	7.0	11.2	11.2	9.4
2005	7.4	6.9	10.7	7.2	8.3
2006	7.2	7.0	7.9	6.9	7.7
2007	5.1	4.8	6.3	6.6	5.7
2008	5.3	5.2	6.3	5.3	5.6
2009	-0.4	1.0	-3.7	-3.9	-5.2
2010	1.9	1.8	2.3	1.2	2.9
2011	3.8	3.8	2.8	3.9	4.6
2012	4.7	4.2	4.6	5.3	8.1
2013	1.5	1.5	1.7	4.8	0.1
2014	5.3	5.0	6.3	6.6	6.2
2015	5.3	4.9	7.5	5.3	6.4
2016	3.3	2.9	5.0	3.5	4.6

Source: U.S. Bureau of Economic Analysis, Local Area Personal Income and Employment 1969-2016
 Table CA1-3 <<http://www.bea.gov/itable/iTable.cfm?ReqID=70&step=1#reqid=70&step=1&isuri=1>>.

Table C-4. PERSONAL INCOME PER CAPITA

[In dollars]

Year	State	Honolulu	Hawaii	Kauai	Maui
1990	22,390	23,855	16,603	18,536	19,190
1991	23,194	24,759	17,223	19,525	19,648
1992	24,533	26,232	17,704	20,744	21,200
1993	25,129	26,872	18,200	21,319	21,827
1994	25,365	27,122	18,508	21,380	22,099
1995	25,715	27,548	18,669	22,082	22,159
1996	25,575	27,398	18,902	21,767	21,898
1997	26,239	28,216	19,108	22,146	22,270
1998	26,703	28,590	20,034	22,616	22,978
1999	27,799	29,707	20,922	23,438	24,533
2000	29,403	31,454	22,257	25,087	25,690
2001	30,356	32,467	23,092	25,919	26,580
2002	31,399	33,587	23,987	26,475	27,627
2003	32,581	34,871	24,781	27,856	28,763
2004	34,511	36,757	26,808	30,320	30,781
2005	36,528	38,860	28,721	32,099	32,694
2006	38,648	41,205	30,037	33,995	34,663
2007	40,441	43,253	31,177	35,676	36,065
2008	42,073	45,085	32,454	36,940	37,255
2009	41,473	45,061	30,908	35,015	34,864
2010	41,724	45,219	31,332	35,063	35,475
2011	42,872	46,466	31,932	36,125	36,684
2012	44,428	47,948	33,086	37,604	39,218
2013	44,639	48,241	33,217	38,815	38,688
2014	46,685	50,457	34,799	40,841	40,488
2015	48,863	52,678	36,976	42,431	42,798
2016	50,363	54,229	38,392	43,585	44,478
Percentage Change from Previous Year					
1991	3.6	3.8	3.7	5.3	2.4
1992	5.8	5.9	2.8	6.2	7.9
1993	2.4	2.4	2.8	2.8	3.0
1994	0.9	0.9	1.7	0.3	1.2
1995	1.4	1.6	0.9	3.3	0.3
1996	-0.5	-0.5	1.2	-1.4	-1.2
1997	2.6	3.0	1.1	1.7	1.7
1998	1.8	1.3	4.8	2.1	3.2
1999	4.1	3.9	4.4	3.6	6.8
2000	5.8	5.9	6.4	7.0	4.7
2001	3.2	3.2	3.8	3.3	3.5
2002	3.4	3.4	3.9	2.1	3.9
2003	3.8	3.8	3.3	5.2	4.1
2004	5.9	5.4	8.2	8.8	7.0
2005	5.8	5.7	7.1	5.9	6.2
2006	5.8	6.0	4.6	5.9	6.0
2007	4.6	5.0	3.8	4.9	4.0
2008	4.0	4.2	4.1	3.5	3.3
2009	-1.4	-0.1	-4.8	-5.2	-6.4
2010	0.6	0.4	1.4	0.1	1.8
2011	2.8	2.8	1.9	3.0	3.4
2012	3.6	3.2	3.6	4.1	6.9
2013	0.5	0.6	0.4	3.2	-1.4
2014	4.6	4.6	4.8	5.2	4.7
2015	4.7	4.4	6.3	3.9	5.7
2016	3.1	2.9	3.8	2.7	3.9

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&acrdn=7#reqid=70&step=1&isuri=1>>. See also "Local Area Personal Income: 2016" (November 16, 2017).

Table C-5. AVERAGE ANNUAL WAGE PER JOB

[In dollars]

Year	State	Honolulu	Hawaii	Kauai	Maui
1990	23,277	24,046	19,864	19,831	21,376
1991	24,301	25,110	20,956	20,889	22,205
1992	25,642	26,576	21,757	22,370	22,904
1993	26,401	27,271	22,462	24,574	23,564
1994	26,927	27,844	22,805	24,026	24,444
1995	27,269	28,208	23,262	24,014	24,688
1996	27,504	28,417	23,549	24,221	25,237
1997	28,359	29,388	24,009	24,923	25,780
1998	29,057	30,139	25,040	24,991	26,184
1999	29,916	30,981	25,836	25,905	27,461
2000	30,718	31,827	26,517	26,655	28,254
2001	31,577	32,757	27,317	27,333	28,840
2002	33,068	34,297	28,728	28,562	30,279
2003	34,247	35,491	29,920	29,549	31,496
2004	35,921	37,315	31,180	30,502	32,934
2005	37,297	38,727	32,585	31,928	34,300
2006	38,845	40,268	33,832	33,723	36,160
2007	40,545	42,054	35,035	35,886	37,639
2008	41,983	43,565	36,364	36,970	38,648
2009	42,725	44,422	36,532	37,894	38,584
2010	43,253	45,119	36,411	38,236	38,478
2011	44,020	46,061	36,360	38,755	38,869
2012	45,042	47,076	37,463	39,429	40,084
2013	45,452	47,441	38,252	40,216	40,439
2014	46,694	48,719	39,295	41,518	41,705
2015	48,368	50,427	40,820	43,206	43,331
2016	49,601	51,669	42,092	44,196	44,722
Percentage Change from Previous Year					
1991	4.4	4.4	5.5	5.3	3.9
1992	5.5	5.8	3.8	7.1	3.1
1993	3.0	2.6	3.2	9.9	2.9
1994	2.0	2.1	1.5	-2.2	3.7
1995	1.3	1.3	2.0	0.0	1.0
1996	0.9	0.7	1.2	0.9	2.2
1997	3.1	3.4	2.0	2.9	2.2
1998	2.5	2.6	4.3	0.3	1.6
1999	3.0	2.8	3.2	3.7	4.9
2000	2.7	2.7	2.6	2.9	2.9
2001	2.8	2.9	3.0	2.5	2.1
2002	4.7	4.7	5.2	4.5	5.0
2003	3.6	3.5	4.1	3.5	4.0
2004	4.9	5.1	4.2	3.2	4.6
2005	3.8	3.8	4.5	4.7	4.1
2006	4.2	4.0	3.8	5.6	5.4
2007	4.4	4.4	3.6	6.4	4.1
2008	3.5	3.6	3.8	3.0	2.7
2009	1.8	2.0	0.5	2.5	-0.2
2010	1.2	1.6	-0.3	0.9	-0.3
2011	1.8	2.1	-0.1	1.4	1.0
2012	2.3	2.2	3.0	1.7	3.1
2013	0.9	0.8	2.1	2.0	0.9
2014	2.7	2.7	2.7	3.2	3.1
2015	3.6	3.5	3.9	4.1	3.9
2016	2.5	2.5	3.1	2.3	3.2

Source: U.S. Bureau of Economic Analysis, Local Area Personal Income and Employment 1969-2011
 Table CA30 <<http://www.bea.gov/itable/iTable.cfm?ReqID=70&step=1#reqid=70&step=1&isuri=1>>.

Table C-6. RETAILING TAX BASE

[In thousands of dollars]

Year	State	Honolulu	Hawaii	Kauai	Maui
1990	12,827,883	10,675,825	900,200	348,722	903,136
1991	13,398,382	11,337,348	934,462	323,070	803,502
1992	13,846,332	11,808,691	912,013	312,851	812,777
1993	13,976,049	11,796,078	916,029	359,322	904,620
1994	14,569,798	12,408,209	835,177	360,057	966,355
1995	15,050,113	12,869,532	878,686	348,421	953,474
1996	16,091,429	14,322,481	658,162	280,068	830,718
1997	15,973,955	14,547,807	558,814	246,074	621,261
1998	15,730,858	14,315,918	522,077	243,831	649,032
1999	15,957,379	13,396,962	927,525	432,881	1,200,011
2000	17,453,936	14,579,999	1,025,304	491,353	1,357,280
2001	17,823,297	14,862,697	1,105,758	490,982	1,363,859
2002	17,873,487	14,976,935	1,091,228	517,059	1,288,265
2003	18,835,041	15,649,247	1,222,709	546,155	1,416,929
2004	21,049,652	17,633,736	1,247,867	561,982	1,606,067
2005	23,857,373	19,956,140	1,521,762	605,123	1,774,349
2006	25,194,277	21,153,717	1,567,865	597,588	1,875,107
2007	26,448,776	22,213,213	1,601,817	635,827	1,997,920
2008	25,498,526	21,701,269	1,421,077	565,107	1,811,073
2009	23,567,451	20,212,772	1,221,350	489,522	1,643,806
2010	24,298,654	20,841,520	1,212,252	489,652	1,755,229
2011	27,750,265	23,994,713	1,302,535	559,215	1,893,801
2012	29,976,425	26,163,576	1,317,326	528,188	1,967,335
2013	29,667,015	25,885,536	1,362,353	534,983	1,884,143
2014	30,766,185	26,964,095	1,421,144	543,737	1,837,209
2015	31,062,710	27,111,512	1,536,604	558,096	1,856,498
2016	29,039,437	25,374,254	1,483,094	527,412	1,654,677
Percentage Change from Previous Year					
1991	4.4	6.2	3.8	-7.4	-11.0
1992	3.3	4.2	-2.4	-3.2	1.2
1993	0.9	-0.1	0.4	14.9	11.3
1994	4.2	5.2	-8.8	0.2	6.8
1995	3.3	3.7	5.2	-3.2	-1.3
1996	6.9	11.3	-25.1	-19.6	-12.9
1997	-0.7	1.6	-15.1	-12.1	-25.2
1998	-1.5	-1.6	-6.6	-0.9	4.5
1999	1.4	-6.4	77.7	77.5	84.9
2000	9.4	8.8	10.5	13.5	13.1
2001	2.1	1.9	7.8	-0.1	0.5
2002	0.3	0.8	-1.3	5.3	-5.5
2003	5.4	4.5	12.0	5.6	10.0
2004	11.8	12.7	2.1	2.9	13.3
2005	13.3	13.2	21.9	7.7	10.5
2006	5.6	6.0	3.0	-1.2	5.7
2007	5.0	5.0	2.2	6.4	6.5
2008	-3.6	-2.3	-11.3	-11.1	-9.4
2009	-7.6	-6.9	-14.1	-13.4	-9.2
2010	3.1	3.1	-0.7	0.0	6.8
2011	14.2	15.1	7.4	14.2	7.9
2012	8.0	9.0	1.1	-5.5	3.9
2013	-1.0	-1.1	3.4	1.3	-4.2
2014	3.7	4.2	4.3	1.6	-2.5
2015	1.0	0.5	8.1	2.6	1.0
2016	-6.5	-6.4	-3.5	-5.5	-10.9

Source: Hawaii State Department of Taxation, "General Excise and Use Tax Base - Calendar Year ending December 31" (annual) and <http://tax.hawaii.gov/stats/a5_3txcolrpt/>.

Table C-7. SERVICES TAX BASE

[In thousands of dollars]

Year	State	Honolulu	Hawaii	Kauai	Maui
1990	4,276,876	3,596,421	323,049	102,447	254,959
1991	4,888,164	4,183,760	332,759	100,605	271,040
1992	5,032,682	4,315,822	337,962	99,298	279,600
1993	5,092,656	4,338,136	342,543	117,856	294,121
1994	5,270,844	4,476,018	350,150	132,680	311,996
1995	5,351,079	4,502,450	383,712	132,568	332,350
1996	5,618,027	4,811,902	354,392	128,077	323,656
1997	5,414,691	4,656,925	332,741	109,484	315,541
1998	5,545,001	4,716,990	368,551	130,610	328,849
1999	5,647,648	4,625,960	478,654	138,412	404,623
2000	6,045,695	4,924,177	534,323	141,367	445,827
2001	6,426,452	5,182,009	596,908	166,761	480,774
2002	6,831,646	5,520,537	632,805	180,698	497,606
2003	7,296,759	5,867,922	684,990	205,345	538,502
2004	8,108,248	6,607,358	699,104	220,321	581,464
2005	9,706,571	7,932,517	810,323	261,026	702,706
2006	10,724,839	8,723,638	917,242	296,309	787,649
2007	11,197,746	9,068,618	984,710	315,308	829,110
2008	11,199,610	9,078,034	956,141	316,452	848,983
2009	10,993,980	8,989,182	911,834	322,993	769,970
2010	11,356,344	9,409,047	897,006	328,234	722,056
2011	12,460,801	10,306,206	958,147	364,440	832,008
2012	12,898,627	10,684,163	960,935	383,416	870,113
2013	13,341,442	11,068,756	1,007,590	370,768	894,328
2014	13,527,677	11,147,461	1,027,688	389,897	962,631
2015	13,989,090	11,452,029	1,099,249	415,275	1,022,537
2016	13,551,064	11,131,682	1,003,349	421,496	994,537
Percentage Change from Previous Year					
1991	14.3	16.3	3.0	-1.8	6.3
1992	3.0	3.2	1.6	-1.3	3.2
1993	1.2	0.5	1.4	18.7	5.2
1994	3.5	3.2	2.2	12.6	6.1
1995	1.5	0.6	9.6	-0.1	6.5
1996	5.0	6.9	-7.6	-3.4	-2.6
1997	-3.6	-3.2	-6.1	-14.5	-2.5
1998	2.4	1.3	10.8	19.3	4.2
1999	1.9	-1.9	29.9	6.0	23.0
2000	7.0	6.4	11.6	2.1	10.2
2001	6.3	5.2	11.7	18.0	7.8
2002	6.3	6.5	6.0	8.4	3.5
2003	6.8	6.3	8.2	13.6	8.2
2004	11.1	12.6	2.1	7.3	8.0
2005	19.7	20.1	15.9	18.5	20.9
2006	10.5	10.0	13.2	13.5	12.1
2007	4.4	4.0	7.4	6.4	5.3
2008	0.0	0.1	-2.9	0.4	2.4
2009	-1.8	-1.0	-4.6	2.1	-9.3
2010	3.3	4.7	-1.6	1.6	-6.2
2011	9.7	9.5	6.8	11.0	15.2
2012	3.5	3.7	0.3	5.2	4.6
2013	3.4	3.6	4.9	-3.3	2.8
2014	1.4	0.7	2.0	5.2	7.6
2015	3.4	2.7	7.0	6.5	6.2
2016	-3.1	-2.8	-8.7	1.5	-2.7

Source: Hawaii State Department of Taxation, "General Excise and Use Tax Base - Calendar Year ending December 31" (annual) and <http://tax.hawaii.gov/stats/a5_3txcolrpt/>.

Table C-8. CONTRACTING TAX BASE

[In thousands of dollars]

Year	State	Honolulu	Hawaii	Kauai	Maui
1990	4,003,650	3,321,950	327,495	93,732	260,473
1991	4,334,051	3,593,819	358,931	98,878	282,423
1992	4,012,688	3,391,188	272,608	108,314	240,578
1993	3,803,605	3,121,531	247,979	235,560	198,535
1994	3,322,339	2,732,919	226,818	157,487	205,115
1995	3,133,510	2,600,669	217,633	126,711	188,497
1996	3,285,106	2,827,281	188,246	87,906	181,673
1997	2,944,427	2,550,530	165,146	67,282	161,469
1998	3,015,977	2,570,586	180,876	71,149	193,365
1999	2,991,201	2,377,631	263,907	89,952	259,712
2000	3,613,485	2,800,713	367,672	118,323	326,777
2001	3,766,404	2,832,650	446,028	127,158	360,569
2002	4,274,956	3,266,988	501,578	141,951	364,438
2003	4,536,323	3,406,143	550,419	154,691	425,070
2004	4,921,512	3,754,258	533,309	181,055	452,891
2005	6,023,997	4,528,359	661,365	225,866	608,407
2006	7,223,334	5,405,648	789,189	299,814	728,683
2007	8,072,912	6,060,563	863,833	320,384	828,132
2008	7,987,126	6,108,693	785,465	342,510	750,457
2009	6,641,660	5,266,870	533,871	266,025	574,895
2010	5,589,766	4,435,204	439,745	214,719	500,099
2011	5,837,445	4,701,572	439,584	210,319	485,971
2012	7,006,133	5,727,310	474,661	220,069	584,093
2013	7,329,960	5,981,166	526,520	219,116	603,159
2014	7,024,044	5,611,444	546,118	204,228	662,255
2015	8,112,238	6,477,255	662,853	224,368	747,761
2016	8,288,207	6,571,973	665,741	248,740	801,753
Percentage Change from Previous Year					
1991	8.3	8.2	9.6	5.5	8.4
1992	-7.4	-5.6	-24.1	9.5	-14.8
1993	-5.2	-8.0	-9.0	117.5	-17.5
1994	-12.7	-12.4	-8.5	-33.1	3.3
1995	-5.7	-4.8	-4.0	-19.5	-8.1
1996	4.8	8.7	-13.5	-30.6	-3.6
1997	-10.4	-9.8	-12.3	-23.5	-11.1
1998	2.4	0.8	9.5	5.7	19.8
1999	-0.8	-7.5	45.9	26.4	34.3
2000	20.8	17.8	39.3	31.5	25.8
2001	4.2	1.1	21.3	7.5	10.3
2002	13.5	15.3	12.5	11.6	1.1
2003	6.1	4.3	9.7	9.0	16.6
2004	8.5	10.2	-3.1	17.0	6.5
2005	22.4	20.6	24.0	24.7	34.3
2006	19.9	19.4	19.3	32.7	19.8
2007	11.8	12.1	9.5	6.9	13.6
2008	-1.1	0.8	-9.1	6.9	-9.4
2009	-16.8	-13.8	-32.0	-22.3	-23.4
2010	-15.8	-15.8	-17.6	-19.3	-13.0
2011	4.4	6.0	0.0	-2.0	-2.8
2012	20.0	21.8	8.0	4.6	20.2
2013	4.6	4.4	10.9	-0.4	3.3
2014	-4.2	-6.2	3.7	-6.8	9.8
2015	15.5	15.4	21.4	9.9	12.9
2016	2.2	1.5	0.4	10.9	7.2

Source: Hawaii State Department of Taxation, "General Excise and Use Tax Base - Calendar Year ending December 31" (annual) and <http://tax.hawaii.gov/stats/a5_3txcolrpt/>.

Table C-9. HOTEL RENTALS TAX BASE

[In thousands of dollars]

Year	State	Honolulu	Hawaii	Kauai	Maui
1990	1,572,994	1,167,332	134,103	63,367	208,192
1991	1,512,990	1,100,333	157,076	76,464	179,117
1992	1,621,751	1,167,298	148,331	86,199	219,923
1993	1,527,041	1,056,729	159,278	23,717	287,317
1994	1,666,406	1,202,721	123,514	38,883	301,289
1995	1,776,527	1,280,550	139,234	54,448	302,295
1996	2,057,800	1,594,619	73,231	62,470	327,480
1997	2,155,319	1,818,182	57,265	60,227	219,644
1998	2,147,217	1,862,688	42,992	49,524	192,013
1999	2,158,193	1,651,386	115,675	58,397	332,735
2000	2,419,287	1,844,228	132,207	68,910	373,942
2001	2,421,813	1,879,022	140,510	84,230	318,052
2002	2,227,341	1,686,382	131,087	88,620	321,252
2003	2,322,434	1,714,000	160,710	88,023	359,702
2004	2,518,058	1,804,825	186,003	126,652	400,577
2005	3,013,586	2,053,341	304,661	167,004	488,580
2006	3,453,259	2,353,256	351,104	178,189	570,709
2007	3,406,579	2,214,537	359,653	195,888	636,501
2008	3,130,759	1,995,197	353,458	176,463	605,640
2009	2,618,860	1,723,288	284,847	136,837	473,888
2010	2,755,013	1,880,643	269,489	122,595	482,286
2011	3,185,483	2,218,297	292,613	137,513	537,061
2012	3,666,325	2,662,777	320,044	162,195	521,309
2013	4,069,865	3,030,053	349,189	172,706	517,917
2014	4,314,087	3,321,785	366,411	183,810	442,082
2015	4,492,983	3,548,398	342,843	210,283	391,459
2016	4,502,385	3,635,727	311,966	180,440	374,253
Percentage Change from Previous Year					
1991	-3.8	-5.7	17.1	20.7	-14.0
1992	7.2	6.1	-5.6	12.7	22.8
1993	-5.8	-9.5	7.4	-72.5	30.6
1994	9.1	13.8	-22.5	63.9	4.9
1995	6.6	6.5	12.7	40.0	0.3
1996	15.8	24.5	-47.4	14.7	8.3
1997	4.7	14.0	-21.8	-3.6	-32.9
1998	-0.4	2.4	-24.9	-17.8	-12.6
1999	0.5	-11.3	169.1	17.9	73.3
2000	12.1	11.7	14.3	18.0	12.4
2001	0.1	1.9	6.3	22.2	-14.9
2002	-8.0	-10.3	-6.7	5.2	1.0
2003	4.3	1.6	22.6	-0.7	12.0
2004	8.4	5.3	15.7	43.9	11.4
2005	19.7	13.8	63.8	31.9	22.0
2006	14.6	14.6	15.2	6.7	16.8
2007	-1.4	-5.9	2.4	9.9	11.5
2008	-8.1	-9.9	-1.7	-9.9	-4.8
2009	-16.4	-13.6	-19.4	-22.5	-21.8
2010	5.2	9.1	-5.4	-10.4	1.8
2011	15.6	18.0	8.6	12.2	11.4
2012	15.1	20.0	9.4	17.9	-2.9
2013	11.0	13.8	9.1	6.5	-0.7
2014	6.0	9.6	4.9	6.4	-14.6

Source: Hawaii State Department of Taxation, "General Excise and Use Tax Base - Calendar December 31" (annual) and <http://tax.hawaii.gov/stats/a5_3txcolrpt/>.

Table C-10. PRODUCING TAX BASE

[In thousands of dollars]

Year	State	Honolulu	Hawaii	Kauai	Maui
1990	317,337	164,285	102,489	16,102	34,461
1991	301,884	155,302	97,152	15,327	34,103
1992	408,662	270,456	89,207	12,122	36,877
1993	474,859	328,909	92,303	15,967	37,680
1994	465,201	315,233	98,352	17,105	34,511
1995	457,538	303,574	102,350	15,138	36,476
1996	471,876	349,557	87,216	10,073	25,030
1997	505,557	400,331	76,938	6,576	21,713
1998	478,201	360,117	85,218	6,584	26,281
1999	501,501	365,770	93,471	12,847	29,412
2000	519,272	371,751	104,455	14,873	28,193
2001	499,896	349,335	110,286	14,351	25,924
2002	522,418	394,058	90,232	14,721	23,407
2003	543,561	389,790	99,753	30,981	23,038
2004	550,949	419,812	102,470	8,612	20,054
2005	613,694	446,834	123,874	13,484	29,503
2006	480,012	317,313	124,593	12,527	25,579
2007	475,827	336,620	106,861	9,367	22,979
2008	448,975	317,782	94,138	13,146	23,910
2009	351,578	244,432	75,061	9,358	22,727
2010	339,035	228,273	76,764	8,083	25,914
2011	399,078	272,479	84,189	11,396	31,013
2012	401,496	280,916	84,026	6,943	29,611
2013	392,735	282,614	74,854	6,181	29,087
2014	336,675	237,010	67,691	6,118	25,856
2015	337,702	224,986	78,155	8,403	26,158
2016	283,553	191,286	56,237	16,251	19,780
Percentage Change from Previous Year					
1991	-4.9	-5.5	-5.2	-4.8	-1.0
1992	35.4	74.1	-8.2	-20.9	8.1
1993	16.2	21.6	3.5	31.7	2.2
1994	-2.0	-4.2	6.6	7.1	-8.4
1995	-1.6	-3.7	4.1	-11.5	5.7
1996	3.1	15.1	-14.8	-33.5	-31.4
1997	7.1	14.5	-11.8	-34.7	-13.3
1998	-5.4	-10.0	10.8	0.1	21.0
1999	4.9	1.6	9.7	95.1	11.9
2000	3.5	1.6	11.8	15.8	-4.1
2001	-3.7	-6.0	5.6	-3.5	-8.0
2002	4.5	12.8	-18.2	2.6	-9.7
2003	4.0	-1.1	10.6	110.5	-1.6
2004	1.4	7.7	2.7	-72.2	-13.0
2005	11.4	6.4	20.9	56.6	47.1
2006	-21.8	-29.0	0.6	-7.1	-13.3
2007	-0.9	6.1	-14.2	-25.2	-10.2
2008	-5.6	-5.6	-11.9	40.3	4.0
2009	-21.7	-23.1	-20.3	-28.8	-4.9
2010	-3.6	-6.6	2.3	-13.6	14.0
2011	17.7	19.4	9.7	41.0	19.7
2012	0.6	3.1	-0.2	-39.1	-4.5
2013	-2.2	0.6	-10.9	-11.0	-1.8
2014	-14.3	-16.1	-9.6	-1.0	-11.1
2015	0.3	-5.1	15.5	37.3	1.2
2016	-16.0	-15.0	-28.0	93.4	-24.4

Source: Hawaii State Department of Taxation, "General Excise and Use Tax Base - Calendar Year e December 31" (annual) and <http://tax.hawaii.gov/stats/a5_3txcolrpt/>.

Table C-11. GENERAL EXCISE AND USE TAX BASE

[In thousands of dollars]

Year	State	Honolulu	Hawaii	Kauai	Maui
1990	40,460,212	34,312,591	2,679,563	941,343	2,526,715
1991	43,131,886	36,805,527	2,793,380	980,131	2,552,848
1992	43,247,150	37,051,870	2,614,051	971,273	2,609,956
1993	44,287,475	37,854,261	2,607,220	1,122,637	2,703,357
1994	44,519,753	38,098,017	2,437,664	1,103,134	2,880,938
1995	45,577,029	39,145,006	2,598,075	1,029,931	2,804,017
1996	47,360,631	41,844,419	2,105,219	885,533	2,525,460
1997	47,708,855	43,044,249	1,899,854	780,722	1,984,030
1998	46,995,324	42,183,931	1,903,121	800,416	2,107,855
1999	47,888,314	40,439,994	2,834,001	1,184,806	3,429,514
2000	53,465,430	45,121,953	3,253,000	1,269,300	3,821,177
2001	54,565,481	45,752,995	3,545,090	1,325,843	3,941,553
2002	55,195,100	46,338,538	3,626,645	1,444,761	3,785,157
2003	58,150,687	48,423,061	4,085,547	1,534,380	4,107,698
2004	64,390,984	54,091,673	4,049,782	1,688,197	4,561,331
2005	73,993,086	61,493,701	5,033,442	2,015,979	5,449,965
2006	81,256,019	67,432,040	5,457,932	2,237,788	6,128,259
2007	84,499,454	70,068,140	5,592,384	2,305,947	6,532,983
2008	81,563,051	68,285,979	5,122,497	2,170,685	5,983,890
2009	75,020,258	63,696,604	4,371,392	1,897,391	5,054,872
2010	74,682,083	63,658,780	4,235,202	1,798,645	4,989,456
2011	84,114,007	72,245,845	4,413,858	1,953,408	5,500,895
2012	90,678,738	78,574,136	4,505,496	1,950,101	5,649,004
2013	91,211,295	78,903,652	4,754,221	1,936,208	5,617,214
2014	91,682,136	79,199,819	4,886,575	1,986,969	5,608,774
2015	95,156,203	82,014,393	5,290,360	2,113,094	5,738,356
2016	89,778,547	77,624,734	4,897,093	1,936,708	5,320,012
Percentage Change from Previous Year					
1991	6.6	7.3	4.2	4.1	1.0
1992	0.3	0.7	-6.4	-0.9	2.2
1993	2.4	2.2	-0.3	15.6	3.6
1994	0.5	0.6	-6.5	-1.7	6.6
1995	2.4	2.7	6.6	-6.6	-2.7
1996	3.9	6.9	-19.0	-14.0	-9.9
1997	0.7	2.9	-9.8	-11.8	-21.4
1998	-1.5	-2.0	0.2	2.5	6.2
1999	1.9	-4.1	48.9	48.0	62.7
2000	11.6	11.6	14.8	7.1	11.4
2001	2.1	1.4	9.0	4.5	3.2
2002	1.2	1.3	2.3	9.0	-4.0
2003	5.4	4.5	12.7	6.2	8.5
2004	10.7	11.7	-0.9	10.0	11.0
2005	14.9	13.7	24.3	19.4	19.5
2006	9.8	9.7	8.4	11.0	12.4
2007	4.0	3.9	2.5	3.0	6.6
2008	-3.5	-2.5	-8.4	-5.9	-8.4
2009	-8.0	-6.7	-14.7	-12.6	-15.5
2010	-0.5	-0.1	-3.1	-5.2	-1.3
2011	12.6	13.5	4.2	8.6	10.3
2012	7.8	8.8	2.1	-0.2	2.7
2013	0.6	0.4	5.5	-0.7	-0.6
2014	0.5	0.4	2.8	2.6	-0.2
2015	3.8	3.6	8.3	6.3	2.3
2016	-5.7	-5.4	-7.4	-8.3	-7.3

Source: Hawaii State Department of Taxation, "General Excise and Use Tax Base - Calendar Year e December 31" (annual) and <http://tax.hawaii.gov/stats/a5_3txcolrpt/>.

Table C-12. GENERAL EXCISE AND USE TAX REVENUES

[In thousands of dollars]

Year	State	Honolulu	Hawaii	Kauai	Maui
1990	1,250,204	1,043,381	86,800	32,979	87,043
1991	1,287,818	1,080,228	88,675	33,530	85,385
1992	1,299,814	1,097,679	83,295	33,498	85,342
1993	1,308,797	1,093,900	82,891	39,369	92,636
1994	1,347,945	1,134,420	78,233	38,448	96,844
1995	1,386,684	1,169,202	84,080	36,200	97,202
1996	1,469,766	1,240,831	86,103	34,826	108,007
1997	1,433,012	1,205,473	88,845	34,076	104,618
1998	1,436,654	1,198,141	90,758	36,093	111,662
1999	1,454,778	1,199,226	94,302	38,284	122,966
2000	1,611,446	1,325,291	107,538	43,865	134,751
2001	1,660,763	1,359,654	116,266	47,018	137,826
2002	1,679,840	1,373,675	120,105	49,412	136,648
2003	1,820,498	1,478,293	137,257	55,011	149,937
2004	1,991,539	1,624,928	140,530	59,388	166,694
2005	2,263,393	1,907,358	125,260	67,020	163,755
2006	2,457,379	2,081,233	136,186	67,624	172,336
2007	2,623,514	2,187,470	161,486	75,098	199,459
2008	2,567,821	2,141,374	161,024	69,723	195,699
2009	2,296,288	1,934,085	136,542	62,907	162,755
2010	2,379,942	2,019,244	133,627	60,950	166,122
2011	2,588,488	2,247,121	117,477	63,411	160,479
2012	2,844,741	2,440,436	153,394	64,930	185,981
2013	2,907,622	2,507,352	149,843	63,174	187,252
2014	2,979,776	2,560,783	160,315	71,397	187,281
2015	3,141,489	2,694,951	178,409	65,941	202,189
2016	3,205,733	2,745,559	179,840	81,321	199,013
Percentage Change from Previous Year					
1991	3.0	3.5	2.2	1.7	-1.9
1992	0.9	1.6	-6.1	-0.1	-0.1
1993	0.7	-0.3	-0.5	17.5	8.5
1994	3.0	3.7	-5.6	-2.3	4.5
1995	2.9	3.1	7.5	-5.8	0.4
1996	6.0	6.1	2.4	-3.8	11.1
1997	-2.5	-2.8	3.2	-2.2	-3.1
1998	0.3	-0.6	2.2	5.9	6.7
1999	1.3	0.1	3.9	6.1	10.1
2000	10.8	10.5	14.0	14.6	9.6
2001	3.1	2.6	8.1	7.2	2.3
2002	1.1	1.0	3.3	5.1	-0.9
2003	8.4	7.6	14.3	11.3	9.7
2004	9.4	9.9	2.4	8.0	11.2
2005	13.7	17.4	-10.9	12.9	-1.8
2006	8.6	9.1	8.7	0.9	5.2
2007	6.8	5.1	18.6	11.1	15.7
2008	-2.1	-2.1	-0.3	-7.2	-1.9
2009	-10.6	-9.7	-15.2	-9.8	-16.8
2010	3.6	4.4	-2.1	-3.1	2.1
2011	8.8	11.3	-12.1	4.0	-3.4
2012	9.9	8.6	30.6	2.4	15.9
2013	2.2	2.7	-2.3	-2.7	0.7
2014	2.5	2.1	7.0	13.0	0.0
2015	5.4	5.2	11.3	-7.6	8.0
2016	2.0	1.9	0.8	23.3	-1.6

Source: Hawaii State Department of Taxation, "General Excise and Use Tax Base - Calendar Year endi December 31" (annual) and <http://tax.hawaii.gov/stats/a5_3txcolrpt/>.

Table C-13. TRANSIENT ACCOMMODATION TAX REVENUES

[In thousands of dollars]

Year	State	Honolulu	Hawaii	Kauai	Maui
1990	83,456	53,191	7,523	7,254	15,488
1991	77,931	50,096	8,219	6,643	12,973
1992	80,848	55,171	7,083	5,139	13,456
1993	75,406	49,081	7,744	983	17,598
1994	86,497	60,026	8,352	331	17,788
1995	105,618	73,572	8,943	3,128	19,975
1996	123,983	91,073	7,120	4,064	21,725
1997	126,892	99,581	7,236	4,158	15,916
1998	125,882	100,169	7,156	3,256	15,301
1999	153,367	115,133	8,612	5,213	24,409
2000	175,361	129,486	10,395	6,463	29,016
2001	174,601	131,319	10,584	7,994	24,705
2002	161,633	117,906	10,563	8,475	24,688
2003	170,681	122,505	12,030	8,141	28,006
2004	189,908	128,174	14,404	10,705	36,626
2005	207,381	150,661	15,840	14,767	26,114
2006	220,550	151,706	21,447	13,301	34,096
2007	232,542	154,321	22,506	14,943	40,772
2008	224,122	141,990	23,514	14,311	44,307
2009	212,274	157,763	13,889	12,010	28,612
2010	243,562	172,955	19,569	13,272	37,765
2011	304,551	259,980	5,543	15,699	23,330
2012	343,780	243,557	29,840	18,762	51,620
2013	384,720	293,901	25,877	20,266	44,677
2014	408,141	322,754	32,374	21,162	31,850
2015	435,025	344,776	31,425	22,843	35,980
2016	484,574	413,683	21,639	23,587	25,665
Percentage Change from Previous Year					
1991	-6.6	-5.8	9.3	-8.4	-16.2
1992	3.7	10.1	-13.8	-22.6	3.7
1993	-6.7	-11.0	9.3	-80.9	30.8
1994	14.7	22.3	7.9	-66.3	1.1
1995	22.1	22.6	7.1	844.5	12.3
1996	17.4	23.8	-20.4	29.9	8.8
1997	2.3	9.3	1.6	2.3	-26.7
1998	-0.8	0.6	-1.1	-21.7	-3.9
1999	21.8	14.9	20.3	60.1	59.5
2000	14.3	12.5	20.7	24.0	18.9
2001	-0.4	1.4	1.8	23.7	-14.9
2002	-7.4	-10.2	-0.2	6.0	-0.1
2003	5.6	3.9	13.9	-3.9	13.4
2004	11.3	4.6	19.7	31.5	30.8
2005	9.2	17.5	10.0	38.0	-28.7
2006	6.3	0.7	35.4	-9.9	30.6
2007	5.4	1.7	4.9	12.3	19.6
2008	-3.6	-8.0	4.5	-4.2	8.7
2009	-5.3	11.1	-40.9	-16.1	-35.4
2010	14.7	9.6	40.9	10.5	32.0
2011	25.0	50.3	-71.7	18.3	-38.2
2012	12.9	-6.3	438.4	19.5	121.3
2013	11.9	20.7	-13.3	8.0	-13.5
2014	6.1	9.8	25.1	4.4	-28.7
2015	6.6	6.8	-2.9	7.9	13.0
2016	11.4	20.0	-31.1	3.3	-28.7

Source: Hawaii State Department of Taxation, "General Excise and Use Tax Base - Calendar Year endi December 31" (annual) and <http://tax.hawaii.gov/stats/a5_3txcolrpt/>.

C-14. TRANSIENT ACCOMMODATION TAX DISTRIBUTIONS

[In thousands of dollars]

Year	Total collections	State	Distributed to counties	Honolulu	Hawaii	Kauai	Maui
1990	83,456	58,861	24,595	10,846	4,575	3,566	5,608
1991	77,931	3,877	74,054	32,658	13,774	10,738	16,884
1992	80,848	4,204	76,644	33,800	14,256	11,113	17,475
1993	75,406	3,946	71,460	31,514	13,292	10,362	16,293
1994	86,497	10,319	76,178	33,595	14,169	11,046	17,369
1995	105,618	22,004	83,614	36,874	15,552	12,124	19,064
1996	123,983	25,830	98,153	43,285	18,256	14,232	22,379
1997	126,892	26,436	100,456	44,301	18,685	14,566	22,904
1998	125,882	26,225	99,656	43,949	18,536	14,450	22,722
1999	153,367	84,659	68,708	30,300	12,780	9,963	15,666
2000	175,361	96,799	78,562	34,646	14,612	11,391	17,912
2001	174,601	96,380	78,222	34,496	14,549	11,342	17,835
2002	161,633	89,221	72,411	31,933	13,469	10,500	16,510
2003	170,681	94,216	76,465	33,721	14,223	11,087	17,434
2004	189,908	104,829	85,079	37,520	15,825	12,336	19,398
2005	207,381	114,475	92,907	40,972	17,281	13,471	21,183
2006	220,550	121,743	98,806	43,574	18,378	14,327	22,528
2007	232,542	128,363	104,179	45,943	19,377	15,106	23,753
2008	224,122	123,715	100,407	44,279	18,676	14,559	22,893
2009	212,274	121,287	90,987	40,125	16,924	13,193	20,745
2010	243,562	150,458	93,104	41,059	17,317	13,500	21,228
2011	304,551	195,067	109,484	48,282	20,364	15,875	24,962
2012	343,780	244,444	99,336	43,807	18,476	14,404	22,649
2013	384,720	305,366	79,355	34,995	14,760	11,506	18,093
2014	408,141	310,141	98,000	43,218	18,228	14,210	22,344
2015	435,025	332,025	103,000	45,423	19,158	14,935	23,484
2016	484,574	381,574	103,000	45,423	19,158	14,935	23,484
Percentage Change from Previous Year							
1991	-6.6	-93.4	201.1	201.1	201.1	201.1	201.1
1992	3.7	8.4	3.5	3.5	3.5	3.5	3.5
1993	-6.7	-6.1	-6.8	-6.8	-6.8	-6.8	-6.8
1994	14.7	161.5	6.6	6.6	6.6	6.6	6.6
1995	22.1	113.2	9.8	9.8	9.8	9.8	9.8
1996	17.4	17.4	17.4	17.4	17.4	17.4	17.4
1997	2.3	2.3	2.3	2.3	2.3	2.3	2.3
1998	-0.8	-0.8	-0.8	-0.8	-0.8	-0.8	-0.8
1999	21.8	222.8	-31.1	-31.1	-31.1	-31.1	-31.1
2000	14.3	14.3	14.3	14.3	14.3	14.3	14.3
2001	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4
2002	-7.4	-7.4	-7.4	-7.4	-7.4	-7.4	-7.4
2003	5.6	5.6	5.6	5.6	5.6	5.6	5.6
2004	11.3	11.3	11.3	11.3	11.3	11.3	11.3
2005	9.2	9.2	9.2	9.2	9.2	9.2	9.2
2006	6.3	6.3	6.3	6.3	6.3	6.3	6.3
2007	5.4	5.4	5.4	5.4	5.4	5.4	5.4
2008	-3.6	-3.6	-3.6	-3.6	-3.6	-3.6	-3.6
2009	-5.3	-2.0	-9.4	-9.4	-9.4	-9.4	-9.4
2010	14.7	24.1	2.3	2.3	2.3	2.3	2.3
2011	25.0	29.6	17.6	17.6	17.6	17.6	17.6
2012	12.9	25.3	-9.3	-9.3	-9.3	-9.3	-9.3
2013	11.9	24.9	-20.1	-20.1	-20.1	-20.1	-20.1
2014	6.1	1.6	23.5	23.5	23.5	23.5	23.5
2015	6.6	7.1	5.1	5.1	5.1	5.1	5.1
2016	11.4	14.9	0.0	0.0	0.0	0.0	0.0

Source: Hawaii State Department of Taxation, "General Excise and Use Tax Base - Calendar Year ending December 31" (annual) and <http://tax.hawaii.gov/stats/a5_3txcolrpt/>.

Table C-15. NET INDIVIDUAL INCOME TAX REVENUES

[In thousands of dollars]

Year	State	Honolulu	Hawaii	Kauai	Maui
1990	743,114	687,086	18,953	11,394	25,681
1991	900,962	813,174	34,467	14,897	38,425
1992	922,206	844,033	30,765	14,607	32,801
1993	951,405	873,298	28,748	15,155	34,204
1994	1,003,479	922,525	32,010	13,119	35,825
1995	918,811	859,373	24,539	9,304	25,595
1996	995,456	898,928	43,160	14,945	38,424
1997	985,000	875,258	48,214	15,698	45,831
1998	1,093,241	961,598	55,329	20,102	56,213
1999	1,053,858	918,708	56,528	21,038	57,584
2000	1,080,371	938,788	57,128	22,738	61,717
2001	1,100,317	955,080	61,672	24,221	59,344
2002	1,059,646	926,928	57,191	18,536	56,991
2003	1,071,360	952,227	53,650	17,473	48,011
2004	1,235,721	1,081,753	65,011	25,408	63,548
2005	1,447,744	1,244,523	83,528	38,910	80,783
2006	1,576,674	1,343,151	94,905	39,483	99,134
2007	1,579,138	1,336,961	102,251	40,250	99,676
2008	1,564,708	1,367,113	84,829	37,467	75,299
2009	1,267,602	1,142,552	56,803	19,536	48,712
2010	1,375,120	1,244,011	60,884	20,068	50,157
2011	1,460,621	1,314,949	63,086	22,548	60,037
2012	1,651,212	1,477,712	72,846	29,441	71,213
2013	1,745,615	1,543,421	82,647	31,970	87,577
2014	1,820,693	1,605,113	93,945	31,591	90,045
2015	2,054,098	1,801,399	103,623	43,692	105,384
2016	2,118,219	1,846,854	118,428	48,743	104,193
Percentage Change from Previous Year					
1991	21.2	18.4	81.9	30.7	49.6
1992	2.4	3.8	-10.7	-1.9	-14.6
1993	3.2	3.5	-6.6	3.8	4.3
1994	5.5	5.6	11.3	-13.4	4.7
1995	-8.4	-6.8	-23.3	-29.1	-28.6
1996	8.3	4.6	75.9	60.6	50.1
1997	-1.1	-2.6	11.7	5.0	19.3
1998	11.0	9.9	14.8	28.1	22.7
1999	-3.6	-4.5	2.2	4.7	2.4
2000	2.5	2.2	1.1	8.1	7.2
2001	1.8	1.7	8.0	6.5	-3.8
2002	-3.7	-2.9	-7.3	-23.5	-4.0
2003	1.1	2.7	-6.2	-5.7	-15.8
2004	15.3	13.6	21.2	45.4	32.4
2005	17.2	15.0	28.5	53.1	27.1
2006	8.9	7.9	13.6	1.5	22.7
2007	0.2	-0.5	7.7	1.9	0.5
2008	-0.9	2.3	-17.0	-6.9	-24.5
2009	-19.0	-16.4	-33.0	-47.9	-35.3
2010	8.5	8.9	7.2	2.7	3.0
2011	6.2	5.7	3.6	12.4	19.7
2012	13.0	12.4	15.5	30.6	18.6
2013	5.7	4.4	13.5	8.6	23.0
2014	4.3	4.0	13.7	-1.2	2.8
2015	12.8	12.2	10.3	38.3	17.0
2016	3.1	2.5	14.3	11.6	-1.1

Source: Hawaii State Department of Taxation, "General Excise and Use Tax Base - Calendar Year ending December 31" (annual) and <http://tax.hawaii.gov/stats/a5_3txcolrpt/>.

D. Tourism

Total visitor arrivals statewide by air increased by about 2 million from 1990 to 2016. Arrivals over that period fluctuated between 6.0 to 6.9 million until 2005 when arrivals first broke the 7.0 million mark. Statewide arrivals were 7.4 million in 2005, and remained at the similar level for another two years before it slipped to 6.7 million in 2008. Arrivals rebounded in 2011 to 7.2 million and continued to increase thereafter to a record-high of 8.8 million in 2016.

Honolulu arrivals in 2016 increased from 5,139,558 in 1990 to 5,447,229 in 2016 for an increase of 307,671. Kauai experienced a decline of 41,581 visitor arrivals over the period, while Hawaii had an increase of 422,570 and Maui had 393,227 more visitors in 2016 than 1990. Domestic visitor arrivals by air increased in all counties and international visitor arrivals by air increased in Honolulu, Maui and Hawaii but declined in Kauai.

Observing the industry over the twenty-six year period reveals that visitors stayed longer over time on the islands they visited. Together with the increased visitor arrivals, it resulted in the increase in the daily visitor census. In 2016, statewide daily visitor census was 217,675 visitors present in the islands on a typical day, representing one visitor for every seven people in the islands. In Honolulu, it was one in ten, Hawaii County it was one in seven, and in Kauai and Maui counties it was one in four.

Compared with 1990, all counties had a higher daily visitor census in 2016 with Maui

County showing the largest increase at 22,325.

All counties gained visitor accommodation units from 1990 to 2016. Honolulu County gained 501 units during the period. Hawaii County gained 2,397 visitor units, Kauai County added 898 units, and Maui County gained 4,030 units.

Statewide hotel occupancy rate marked the highest level at 81.1 percent in 2005. It then declined to 64.8 percent in 2009, the lowest level since 1990. With a fast recovery in Hawaii tourism market which started in 2010, statewide hotel occupancy increased to 79.1 percent in 2016 but Oahu and the neighbor islands showed quite different occupancy rates. While occupancy on Oahu was as high as 84.2 percent in 2016, occupancy on the neighbor islands was much lower. Maui County showed the highest occupancy among the three counties at 75.8 percent in 2016, followed by Kauai County at 72.6 percent and Hawaii County at 68.7 percent.

In 2016, the average daily hotel room rate statewide reached \$254.84 and was highest in Maui County at \$332.52 a night, largely due to the greater number of luxury hotel rooms. Honolulu County had the lowest average room rate at \$227.51 a night. Statewide, the room rate more than doubled between 1990 and 2016 in all counties except Hawaii County. The statewide room rate increased by 3.6 percent on average per year over the period with the largest gain in Kauai County at 4.0 percent, followed by Maui County at 3.7 percent, Honolulu County at 3.5 percent, and Hawaii County at 2.5 percent annually.

Table D-1. TOTAL VISITOR ARRIVALS BY AIR

[Visitors staying overnight or longer]

Year	State	Honolulu	Hawaii	Kauai	Maui
1990	6,723,531	5,139,558	1,127,373	1,228,850	2,284,862
1991	6,518,460	4,831,027	1,111,035	1,182,326	2,175,606
1992	6,473,669	4,864,160	1,139,978	881,730	2,323,612
1993	6,070,995	4,472,235	1,117,656	576,366	2,263,114
1994	6,364,674	4,629,736	1,079,535	860,719	2,340,516
1995	6,546,759	4,817,552	1,081,047	929,150	2,326,797
1996	6,723,141	4,903,884	1,163,700	975,436	2,318,610
1997	6,761,135	4,875,612	1,205,081	997,087	2,330,384
1998	6,595,790	4,601,834	1,340,767	1,078,400	2,304,115
1999	6,741,037	4,560,142	1,307,720	1,089,289	2,347,002
2000	6,948,594	4,719,244	1,267,965	1,074,821	2,304,665
2001	6,303,789	4,257,536	1,181,551	1,008,698	2,104,478
2002	6,389,059	4,276,077	1,243,313	1,005,899	2,139,427
2003	6,380,439	4,090,483	1,207,164	975,867	2,196,447
2004	6,912,094	4,464,551	1,281,156	1,020,921	2,207,826
2005	7,416,574	4,731,843	1,521,537	1,090,147	2,346,480
2006	7,528,106	4,688,117	1,614,408	1,204,132	2,498,234
2007	7,496,820	4,694,750	1,622,359	1,299,045	2,522,043
2008	6,713,436	4,193,685	1,321,276	1,030,647	2,129,043
2009	6,420,448	4,024,888	1,215,256	928,112	1,932,357
2010	6,916,894	4,273,658	1,281,232	955,112	2,122,634
2011	7,174,397	4,401,624	1,318,310	1,011,500	2,211,413
2012	7,867,143	4,904,045	1,433,282	1,084,681	2,353,329
2013	8,003,474	5,044,276	1,435,245	1,114,354	2,401,733
2014	8,196,342	5,192,621	1,454,684	1,119,973	2,456,935
2015	8,563,018	5,339,912	1,514,973	1,173,752	2,579,311
2016	8,821,802	5,447,229	1,549,943	1,187,269	2,678,089
Percentage Change from Previous Year					
1991	-3.1	-6.0	-1.4	-3.8	-4.8
1992	-0.7	0.7	2.6	-25.4	6.8
1993	-6.2	-8.1	-2.0	-34.6	-2.6
1994	4.8	3.5	-3.4	49.3	3.4
1995	2.9	4.1	0.1	8.0	-0.6
1996	2.7	1.8	7.6	5.0	-0.4
1997	0.6	-0.6	3.6	2.2	0.5
1998	-2.4	-5.6	11.3	8.2	-1.1
1999	2.2	-0.9	-2.5	1.0	1.9
2000	3.1	3.5	-3.0	-1.3	-1.8
2001	-9.3	-9.8	-6.8	-6.2	-8.7
2002	1.4	0.4	5.2	-0.3	1.7
2003	-0.1	-4.3	-2.9	-3.0	2.7
2004	8.3	9.1	6.1	4.6	0.5
2005	7.3	6.0	18.8	6.8	6.3
2006	1.5	-0.9	6.1	10.5	6.5
2007	-0.4	0.1	0.5	7.9	1.0
2008	-10.4	-10.7	-18.6	-20.7	-15.6
2009	-4.4	-4.0	-8.0	-9.9	-9.2
2010	7.7	6.2	5.4	2.9	9.8
2011	3.7	3.0	2.9	5.9	4.2
2012	9.7	11.4	8.7	7.2	6.4
2013	1.7	2.9	0.1	2.7	2.1
2014	2.4	2.9	1.4	0.5	2.3
2015	4.5	2.8	4.1	4.8	5.0
2016	3.0	2.0	2.3	1.2	3.8

Visitors staying overnight or longer, or taking interisland trips where each county arrival is counted. The State total is less than the sum due to multi-county visits.

Source: Hawaii State Department of Business, Economic Development and Tourism, Hawaii Tourism Authority *Annual Visitor Research Report* (annual) and records.

Table D-2. DOMESTIC VISITOR ARRIVALS BY AIR

[Visitors staying overnight or longer]

Year	State	Honolulu	Hawaii	Kauai	Maui
1990	4,315,161	2,900,484	907,210	1,034,541	1,815,623
1991	4,068,508	2,573,476	868,395	964,343	1,692,382
1992	3,791,945	2,421,637	874,716	689,876	1,754,371
1993	3,570,059	2,258,534	835,467	423,949	1,693,910
1994	3,813,279	2,284,181	826,892	701,573	1,808,906
1995	3,743,474	2,216,896	811,197	754,625	1,762,705
1996	3,794,113	2,227,349	838,692	790,505	1,732,034
1997	3,890,798	2,173,316	872,380	820,380	1,788,366
1998	4,014,140	2,222,551	927,037	881,571	1,776,165
1999	4,255,621	2,347,040	942,359	929,657	1,866,531
2000	4,446,936	2,485,058	925,356	884,408	1,834,630
2001	4,224,321	2,379,285	868,614	839,368	1,685,960
2002	4,358,851	2,423,170	918,680	849,913	1,770,103
2003	4,531,289	2,415,386	922,217	861,580	1,900,174
2004	4,892,960	2,612,029	982,704	906,105	1,937,797
2005	5,313,281	2,808,467	1,173,629	988,304	2,080,731
2006	5,550,125	2,891,187	1,287,829	1,089,587	2,198,555
2007	5,582,530	2,950,383	1,305,218	1,183,490	2,224,813
2008	4,901,893	2,554,895	1,026,048	940,777	1,850,510
2009	4,672,001	2,446,800	950,843	856,599	1,688,448
2010	4,957,352	2,532,365	976,459	870,746	1,828,063
2011	5,127,291	2,592,014	1,022,016	914,423	1,868,986
2012	5,403,025	2,734,643	1,072,678	977,820	1,952,718
2013	5,405,300	2,732,456	1,055,383	987,818	1,958,891
2014	5,486,059	2,779,642	1,084,443	988,312	2,011,878
2015	5,782,140	2,868,749	1,154,201	1,028,294	2,115,934
2016	5,968,779	2,913,562	1,187,740	1,050,577	2,207,858
Percentage Change from Previous Year					
1991	-5.7	-11.3	-4.3	-6.8	-6.8
1992	-6.8	-5.9	0.7	-28.5	3.7
1993	-5.9	-6.7	-4.5	-38.5	-3.4
1994	6.8	1.1	-1.0	65.5	6.8
1995	-1.8	-2.9	-1.9	7.6	-2.6
1996	1.4	0.5	3.4	4.8	-1.7
1997	2.5	-2.4	4.0	3.8	3.3
1998	3.2	2.3	6.3	7.5	-0.7
1999	6.0	5.6	1.7	5.5	5.1
2000	4.5	5.9	-1.8	-4.9	-1.7
2001	-5.0	-4.3	-6.1	-5.1	-8.1
2002	3.2	1.8	5.8	1.3	5.0
2003	4.0	-0.3	0.4	1.4	7.3
2004	8.0	8.1	6.6	5.2	2.0
2005	8.6	7.5	19.4	9.1	7.4
2006	4.5	2.9	9.7	10.2	5.7
2007	0.6	2.0	1.4	8.6	1.2
2008	-12.2	-13.4	-21.4	-20.5	-16.8
2009	-4.7	-4.2	-7.3	-8.9	-8.8
2010	6.1	3.5	2.7	1.7	8.3
2011	3.4	2.4	4.7	5.0	2.2
2012	5.4	5.5	5.0	6.9	4.5
2013	0.0	-0.1	-1.6	1.0	0.3
2014	1.5	1.7	2.8	0.1	2.7
2015	5.4	3.2	6.4	4.0	5.2
2016	3.2	1.6	2.9	2.2	4.3

Visitors staying overnight or longer, or taking interisland trips where each county arrival is counted. The State total is less than the sum due to multi-county visits.

Source: Hawaii State Department of Business, Economic Development and Tourism, Hawaii Tourism Authority *Annual Visitor Research Report* (annual) and records.

Table D-3. INTERNATIONAL VISITOR ARRIVALS BY AIR

[Visitors staying overnight or longer]

Year	State	Honolulu	Hawaii	Kauai	Maui
1990	2,408,370	2,239,074	220,163	194,309	469,239
1991	2,449,952	2,257,551	242,640	217,984	483,224
1992	2,681,724	2,442,522	265,262	191,854	569,241
1993	2,500,936	2,213,701	282,189	152,417	569,204
1994	2,551,395	2,345,555	252,643	159,146	531,610
1995	2,803,285	2,600,656	269,851	174,525	564,092
1996	2,929,028	2,676,535	325,008	184,931	586,576
1997	2,870,337	2,702,295	332,700	176,707	542,018
1998	2,581,650	2,379,283	413,731	196,828	527,950
1999	2,485,416	2,213,101	365,361	159,632	480,471
2000	2,501,659	2,234,186	342,609	190,414	470,035
2001	2,079,468	1,878,250	312,936	169,329	418,518
2002	2,030,208	1,852,910	324,634	155,985	369,325
2003	1,849,150	1,675,097	284,946	114,287	296,273
2004	2,019,134	1,852,523	298,452	114,816	270,029
2005	2,103,293	1,923,376	347,907	101,843	265,749
2006	1,977,981	1,796,930	326,579	114,545	299,679
2007	1,914,290	1,744,367	317,141	115,555	297,230
2008	1,811,543	1,638,790	295,229	89,870	278,532
2009	1,748,447	1,578,089	264,413	71,513	243,909
2010	1,959,542	1,741,292	304,773	84,366	294,572
2011	2,047,106	1,809,609	296,294	97,077	342,427
2012	2,464,118	2,169,402	360,604	106,861	400,611
2013	2,598,174	2,311,820	379,862	126,537	442,842
2014	2,710,283	2,412,978	370,241	131,661	445,057
2015	2,780,878	2,471,163	360,772	145,458	463,377
2016	2,853,023	2,533,667	362,203	136,691	470,232
Percentage Change from Previous Year					
1991	1.7	0.8	10.2	12.2	3.0
1992	9.5	8.2	9.3	-12.0	17.8
1993	-6.7	-9.4	6.4	-20.6	0.0
1994	2.0	6.0	-10.5	4.4	-6.6
1995	9.9	10.9	6.8	9.7	6.1
1996	4.5	2.9	20.4	6.0	4.0
1997	-2.0	1.0	2.4	-4.4	-7.6
1998	-10.1	-12.0	24.4	11.4	-2.6
1999	-3.7	-7.0	-11.7	-18.9	-9.0
2000	0.7	1.0	-6.2	19.3	-2.2
2001	-16.9	-15.9	-8.7	-11.1	-11.0
2002	-2.4	-1.3	3.7	-7.9	-11.8
2003	-8.9	-9.6	-12.2	-26.7	-19.8
2004	9.2	10.6	4.7	0.5	-8.9
2005	4.2	3.8	16.6	-11.3	-1.6
2006	-6.0	-6.6	-6.1	12.5	12.8
2007	-3.2	-2.9	-2.9	0.9	-0.8
2008	-5.4	-6.1	-6.9	-22.2	-6.3
2009	-3.5	-3.7	-10.4	-20.4	-12.4
2010	12.1	10.3	15.3	18.0	20.8
2011	4.5	3.9	-2.8	15.1	16.2
2012	20.4	19.9	21.7	10.1	17.0
2013	5.4	6.6	5.3	18.4	10.5
2014	4.3	4.4	-2.5	4.0	0.5
2015	2.6	2.4	-2.6	10.5	4.1
2016	2.6	2.5	0.4	-6.0	1.5

Visitors staying overnight or longer, or taking interisland trips where each county arrival is counted. The State total is less than the sum due to multi-county visits.

Source: Hawaii State Department of Business, Economic Development and Tourism, Hawaii Tourism Authority *Annual Visitor Research Report* (annual) and records.

Table D-4. AVERAGE DAILY VISITOR CENSUS

[Arrivals by air]

Year	State	Honolulu	Hawaii	Kauai	Maui
1990	154,517	82,783	16,698	17,378	37,657
1991	147,323	75,008	17,535	17,720	37,060
1992	152,249	77,785	19,244	13,479	41,740
1993	147,498	78,108	18,974	8,283	42,132
1994	156,630	81,526	18,902	13,268	42,933
1995	157,098	81,362	18,547	14,439	42,751
1996	158,297	80,833	19,285	15,572	42,608
1997	157,187	76,150	21,656	15,999	43,383
1998	157,389	72,623	23,993	17,909	42,864
1999	164,439	79,497	22,736	18,214	43,992
2000	168,637	84,911	21,831	18,041	43,854
2001	158,247	79,702	21,064	16,830	40,651
2002	160,195	79,544	21,811	17,045	41,794
2003	161,048	76,776	21,934	17,828	44,510
2004	171,481	83,718	23,376	18,869	45,517
2005	185,445	89,588	27,768	19,675	48,414
2006	189,441	89,167	28,336	20,903	51,034
2007	189,412	88,092	27,891	22,207	51,222
2008	172,487	81,751	24,842	19,855	46,038
2009	165,082	80,324	23,204	18,690	42,864
2010	177,949	86,194	24,948	19,530	47,277
2011	185,824	88,979	26,550	20,814	49,481
2012	201,267	97,989	28,559	22,318	52,401
2013	202,876	96,054	29,255	23,334	54,233
2014	206,217	96,440	30,172	23,617	55,988
2015	213,934	99,782	31,408	24,533	58,211
2016	217,675	101,006	31,845	24,842	59,982
Percentage Change from Previous Year					
1991	-4.7	-9.4	5.0	2.0	-1.6
1992	3.3	3.7	9.7	-23.9	12.6
1993	-3.1	0.4	-1.4	-38.6	0.9
1994	6.2	4.4	-0.4	60.2	1.9
1995	0.3	-0.2	-1.9	8.8	-0.4
1996	0.8	-0.7	4.0	7.8	-0.3
1997	-0.7	-5.8	12.3	2.7	1.8
1998	0.1	-4.6	10.8	11.9	-1.2
1999	4.5	9.5	-5.2	1.7	2.6
2000	2.6	6.8	-4.0	-0.9	-0.3
2001	-6.2	-6.1	-3.5	-6.7	-7.3
2002	1.2	-0.2	3.5	1.3	2.8
2003	0.5	-3.5	0.6	4.6	6.5
2004	6.5	9.0	6.6	5.8	2.3
2005	8.1	7.0	18.8	4.3	6.4
2006	2.2	-0.5	2.0	6.2	5.4
2007	0.0	-1.2	-1.6	6.2	0.4
2008	-8.9	-7.2	-10.9	-10.6	-10.1
2009	-4.3	-1.7	-6.6	-5.9	-6.9
2010	7.8	7.3	7.5	4.5	10.3
2011	4.4	3.2	6.4	6.6	4.7
2012	8.3	10.1	7.6	7.2	5.9
2013	0.8	-2.0	2.4	4.6	3.5
2014	1.6	0.4	3.1	1.2	3.2
2015	3.7	3.5	4.1	3.9	4.0
2016	1.7	1.2	1.4	1.3	3.0

Source: Hawaii State Department of Business, Economic Development and Tourism, Hawaii Tourism Authority *Annual Visitor Research Report* (annual) and records.

Table D-5. VISITOR ACCOMMODATION UNITS

Year	State	Honolulu	Hawaii	Kauai	Maui
1990	71,266	36,899	8,952	7,546	17,869
1991	72,275	36,623	9,383	7,567	18,702
1992	73,089	36,851	9,170	7,778	19,290
1993	69,502	36,604	9,140	4,631	19,127
1994	70,463	36,194	9,595	5,870	18,804
1995	(1/)	(1/)	(1/)	(1/)	(1/)
1996	70,288	36,146	9,558	6,760	17,824
1997	71,025	35,971	9,913	6,589	18,552
1998	71,480	36,206	9,655	6,969	18,650
1999	71,157	35,861	9,815	6,872	18,609
2000	71,506	36,303	9,774	7,159	18,270
2001	72,204	36,824	9,944	7,202	18,234
2002	70,783	36,457	9,297	7,037	17,992
2003	70,579	35,541	9,478	7,257	18,303
2004	72,176	35,769	9,857	8,105	18,445
2005	72,307	33,926	10,940	8,221	19,220
2006	72,274	33,606	10,831	8,266	19,571
2007	73,220	33,588	11,061	8,692	19,879
2008	74,177	34,081	11,240	9,203	19,653
2009	75,188	34,027	11,541	9,469	20,151
2010	74,988	33,782	11,479	9,344	20,383
2011	77,731	35,001	11,113	9,872	21,745
2012	74,650	35,326	10,594	8,289	20,441
2013	73,959	35,690	10,903	8,675	18,691
2014	73,716	35,864	10,666	8,492	18,694
2015	77,138	36,058	11,085	8,582	21,413
2016	79,092	37,400	11,349	8,444	21,899
Percentage Change from Previous Year					
1991	1.4	-0.7	4.8	0.3	4.7
1992	1.1	0.6	-2.3	2.8	3.1
1993	-4.9	-0.7	-0.3	-40.5	-0.8
1994	1.4	-1.1	5.0	26.8	-1.7
1995	(1/)	(1/)	(1/)	(1/)	(1/)
1996	(1/)	(1/)	(1/)	(1/)	(1/)
1997	1.0	-0.5	3.7	-2.5	4.1
1998	0.6	0.7	-2.6	5.8	0.5
1999	-0.5	-1.0	1.7	-1.4	-0.2
2000	0.5	1.2	-0.4	4.2	-1.8
2001	1.0	1.4	1.7	0.6	-0.2
2002	-2.0	-1.0	-6.5	-2.3	-1.3
2003	-0.3	-2.5	1.9	3.1	1.7
2004	2.3	0.6	4.0	11.7	0.8
2005	0.2	-5.2	11.0	1.4	4.2
2006	0.0	-0.9	-1.0	0.5	1.8
2007	1.3	-0.1	2.1	5.2	1.6
2008	1.3	1.5	1.6	5.9	-1.1
2009	1.4	-0.2	2.7	2.9	2.5
2010	-0.3	-0.7	-0.5	-1.3	1.2
2011	3.7	3.6	-3.2	5.7	6.7
2012	-4.0	0.9	-4.7	-16.0	-6.0
2013	-0.9	1.0	2.9	4.7	-8.6
2014	-0.3	0.5	-2.2	-2.1	0.0
2015	4.6	0.5	3.9	1.1	14.5
2016	2.5	3.7	2.4	-1.6	2.3

1/ HVCB did not conduct an update survey in 1995.

Units in hotels, apartment hotels, bed-and-breakfast, bungalows, cottages, hotels, lodges and condominium/hotel units. Condominium units in rental pools for transient use.

Source: Hawaii State Department of Business, Economic Development & Tourism, Hawaii Tourism Authority, *Annual Visitor Research Report 2016*, Table 104.

Table D-6. HOTEL OCCUPANCY RATE
[In percent]

Year	State	Honolulu	Hawaii	Kauai	Maui
1990	78.8	86.1	61.4	67.3	69.3
1991	72.4	80.1	57.4	61.6	70.0
1992	72.7	80.0	58.8	69.6	63.7
1993	72.0	76.8	58.4	72.6	64.0
1994	76.5	80.9	63.5	76.0	67.7
1995	75.8	80.5	62.2	64.2	74.3
1996	75.2	80.8	66.7	65.3	71.6
1997	73.9	77.4	68.6	67.0	72.4
1998	71.5	72.4	70.1	65.8	73.8
1999	72.1	71.8	65.8	70.4	77.3
2000	76.0	76.2	71.1	74.6	80.3
2001	69.2	68.8	63.7	70.6	73.3
2002	69.7	70.5	64.6	70.6	70.8
2003	72.6	73.2	65.1	75.1	74.6
2004	77.7	79.8	69.9	78.3	77.9
2005	81.1	85.3	72.2	76.1	79.5
2006	79.5	82.5	71.0	75.2	79.9
2007	75.0	76.8	67.5	75.8	75.5
2008	70.4	75.0	59.8	70.3	67.9
2009	64.8	72.3	53.5	57.0	58.9
2010	70.7	78.2	56.2	59.3	68.1
2011	73.2	80.7	58.2	63.9	70.2
2012	76.9	84.7	62.0	68.8	72.4
2013	76.5	83.8	61.0	68.9	71.7
2014	77.0	84.4	60.3	70.1	72.5
2015	78.7	85.1	65.7	71.1	74.3
2016	79.1	84.2	68.7	72.6	75.8
Percentage Point Change from Previous Year					
1991	-6.4	-6.0	-4.0	-5.7	0.6
1992	0.3	-0.1	1.5	8.0	-6.3
1993	-0.7	-3.2	-0.4	2.9	0.3
1994	4.5	4.1	5.1	3.4	3.6
1995	-0.7	-0.4	-1.3	-11.8	6.6
1996	-0.6	0.3	4.5	1.2	-2.7
1997	-1.3	-3.4	1.8	1.6	0.8
1998	-2.4	-5.0	1.5	-1.2	1.5
1999	0.6	-0.6	-4.3	4.5	3.5
2000	3.9	4.4	5.3	4.3	3.1
2001	-6.8	-7.4	-7.4	-4.0	-7.0
2002	0.5	1.7	0.9	0.0	-2.5
2003	2.9	2.7	0.5	4.5	3.8
2004	5.1	6.6	4.8	3.2	3.2
2005	3.4	5.5	2.3	-2.2	1.6
2006	-1.6	-2.8	-1.2	-0.9	0.4
2007	-4.5	-5.7	-3.5	0.6	-4.4
2008	-4.6	-1.8	-7.7	-5.5	-7.6
2009	-5.6	-2.7	-6.3	-13.3	-9.0
2010	5.9	5.9	2.7	2.3	9.2
2011	2.5	2.5	2.0	4.6	2.1
2012	3.7	4.0	3.8	4.9	2.2
2013	-0.4	-0.9	-1.0	0.1	-0.7
2014	0.5	0.6	-0.7	1.2	0.8
2015	1.7	0.7	5.4	1.0	1.8
2016	0.4	-0.9	3.0	1.5	1.5

Annual average. Consistent with DBEDT *Quarterly Statistical & Economic Report 2017Q4* tables D-15 and G-21 to G-24.

Source: PKF-Hawaii; Hospitality Advisors LLC; Hawaii State Department of Business, Economic Development & Tourism, Hawaii Tourism Authority, *Annual Visitor Research Report* (annual); and records.

Table D-7. AVERAGE DAILY HOTEL ROOM RATE

[In dollars]

Year	State	Honolulu	Hawaii	Kauai	Maui
1990	101.90	93.21	126.17	92.03	129.19
1991	101.17	93.51	123.11	95.90	123.79
1992	104.52	98.10	119.66	87.51	123.01
1993	103.11	96.16	116.41	65.81	122.71
1994	104.95	100.82	118.21	109.10	126.04
1995	109.39	100.65	107.10	122.68	131.20
1996	116.17	105.96	109.57	126.07	145.18
1997	124.96	113.28	124.63	134.78	134.78
1998	129.66	111.18	149.34	142.55	154.17
1999	131.66	107.93	162.44	144.27	161.05
2000	140.63	117.53	167.89	144.02	169.44
2001	144.73	114.67	174.18	152.12	181.32
2002	140.89	113.86	160.77	150.77	181.38
2003	144.16	116.27	156.74	166.84	183.58
2004	152.17	123.34	167.51	177.21	194.96
2005	166.16	139.11	176.89	177.91	214.38
2006	187.19	157.02	191.50	189.94	246.08
2007	199.96	168.36	203.01	206.34	261.43
2008	201.85	169.44	203.30	206.94	271.39
2009	177.10	150.06	185.43	188.78	237.51
2010	174.84	150.09	183.99	186.15	226.20
2011	189.83	164.97	186.35	203.36	246.90
2012	204.93	183.57	192.59	211.27	261.49
2013	229.90	209.27	221.72	228.40	290.01
2014	234.85	213.22	231.43	234.85	295.94
2015	244.55	219.32	232.20	242.60	317.58
2016	254.84	227.51	242.42	253.25	332.52
Percentage Change from Previous Year					
1991	-0.7	0.3	-2.4	4.2	-4.2
1992	3.3	4.9	-2.8	-8.7	-0.6
1993	-1.3	-2.0	-2.7	-24.8	-0.2
1994	1.8	4.8	1.5	65.8	2.7
1995	4.2	-0.2	-9.4	12.4	4.1
1996	6.2	5.3	2.3	2.8	10.7
1997	7.6	6.9	13.7	6.9	-7.2
1998	3.8	-1.9	19.8	5.8	14.4
1999	1.5	-2.9	8.8	1.2	4.5
2000	6.8	8.9	3.4	-0.2	5.2
2001	2.9	-2.4	3.7	5.6	7.0
2002	-2.7	-0.7	-7.7	-0.9	0.0
2003	2.3	2.1	-2.5	10.7	1.2
2004	5.6	6.1	6.9	6.2	6.2
2005	9.2	12.8	5.6	0.4	10.0
2006	12.7	12.9	8.3	6.8	14.8
2007	6.8	7.2	6.0	8.6	6.2
2008	0.9	0.6	0.1	0.3	3.8
2009	-12.3	-11.4	-8.8	-8.8	-12.5
2010	-1.3	0.0	-0.8	-1.4	-4.8
2011	8.6	9.9	1.3	9.2	9.2
2012	8.0	11.3	3.3	3.9	5.9
2013	12.2	14.0	15.1	8.1	10.9
2014	2.2	1.9	4.4	2.8	2.0
2015	4.1	2.9	0.3	3.3	7.3
2016	4.2	3.7	4.4	4.4	4.7

Source: Smith Travel Research; Hospitality Advisors LLC; *Hawaii Hotel Flash Report, (December/Year-End Highlights)* (annual); Hawaii State Department of Business, Economic Development & Tourism, Hawaii Tourism Authority, *Annual Visitor Research Report* (annual) and records.

E. Construction

The cumulative value of private building permits 1990 to 2016 was \$60.8 billion statewide, with the important caveat that since late 2001, only residential permits for Kauai County have been available for compilation. Of that \$60.8 billion, 47.5 percent was residential, 17.7 percent was commercial and industrial, and 34.8 percent was additions and alterations. Over the period, 60.8 percent of the permit value was for Honolulu County, 20.7 percent for Hawaii County, 16.3 percent for Maui, and 6.5 percent for Kauai County.

Private building permit value was \$2.1 billion in 1990, rising to \$2.2 billion in 1991. Then, construction activity declined to a little less than \$1.1 billion in 1998 before it erupted in another cycle of expansion. In 2006, the total private permit value was \$3.8 billion, a new historical high. In 2007, the private permit value decreased to \$3.6 billion, to \$2.9 billion in 2008, \$2.0 billion in 2009, fell marginally to \$1.98 billion in 2010, and fell farther to \$1.9 billion in 2011.

In 2012, there was an increase of 0.8 billion to \$2.6 billion, rising further to \$2.7 billion in 2013. The value of permits issued then dramatically rose to \$3.3 billion in 2014, to \$4.0 in 2015 but then dropped to \$3.2 billion in 2016. In 2016, the private-permit value of \$2.1 billion or 66.1 percent of the total was for construction on Oahu, \$576.0 million or 17.8 percent in Hawaii County, \$384.7 million or 11.9 percent in Maui County, and \$138.5 million or 4.3 percent was in Kauai County.

In 2016, 34.8 percent of Oahu private building permit value was for residential construction. However, 64.4 percent of the permit value on the Big Island was for residential construction, and 50.2 percent of the permit value in Maui County was for residential construction. Since 2002, only residential permit data are available for Kauai County.

Between 2015 and 2016, commercial construction declined statewide by 93.2 percent, Honolulu by 149.8 percent and Maui by 123.2 percent, while Hawaii increased by 226.4 percent.

The remaining component, additions and alterations, increased dramatically in 2012 with a surge in installation of solar photovoltaic systems. Statewide permit value for additions and alterations increased by 73.5 percent in that year with 58.0 percent increase in Honolulu, 171.3 percent and 191.4 percent increase in the Hawaii and Maui County respectively. This high level of additions and alteration activities reversed those high increases in 2013 to a decline of 8.9 percent statewide. Activity rallied in 2014 with 30.8 percent growth statewide and 150.3 in Maui County, 25.2 percent in Honolulu, and 16.0 percent for Hawaii County, followed by declines of 12.1 percent statewide in 2015 and 1.7 percent in 2016 for a total of \$1.6 billion despite a 2016 rebound of 5.2 percent in Honolulu.

Table E-1. VALUE OF PRIVATE BUILDING PERMITS

[In thousands of dollars. Kauai residential data only for November 2001 and beginning January 2002]

Year	State	Honolulu	Hawaii	Kauai	Maui
1990	2,101,768	998,922	429,962	238,968	433,916
1991	2,151,849	1,462,676	369,453	118,547	201,173
1992	1,751,871	1,060,701	379,157	111,097	200,915
1993	1,505,420	966,505	248,183	87,557	203,177
1994	1,612,899	1,073,264	181,059	164,681	193,894
1995	1,531,317	980,703	267,108	78,918	204,588
1996	1,117,760	698,697	171,017	101,981	146,065
1997	1,179,182	772,825	155,776	97,808	152,773
1998	1,054,281	624,226	178,220	88,196	163,638
1999	1,320,218	706,358	243,852	140,846	229,162
2000	1,512,601	694,223	321,704	141,313	355,360
2001	1,585,739	682,660	380,249	210,094	312,737
2002	1,772,027	876,049	449,601	172,660	273,716
2003	2,361,233	1,109,568	629,147	153,242	469,277
2004	2,726,536	1,320,552	826,494	130,659	448,831
2005	3,491,964	1,364,030	1,008,386	288,132	831,416
2006	3,770,051	1,625,328	926,019	239,294	979,412
2007	3,585,447	1,676,232	912,529	268,915	727,772
2008	2,906,578	1,481,272	704,317	277,149	443,840
2009	1,998,908	1,247,196	309,165	218,111	224,437
2010	1,980,296	1,357,314	360,328	68,047	194,607
2011	1,858,763	1,272,923	282,638	59,520	243,683
2012	2,643,840	1,769,454	427,394	79,998	366,994
2013	2,720,519	1,866,352	443,739	85,413	325,014
2014	3,315,078	2,072,202	697,063	102,195	443,617
2015	3,963,607	2,436,954	689,454	105,707	731,491
2016	3,240,649	2,141,467	576,015	138,481	384,686
Percentage Change from Previous Year					
1991	2.4	46.4	-14.1	-50.4	-53.6
1992	-18.6	-27.5	2.6	-6.3	-0.1
1993	-14.1	-8.9	-34.5	-21.2	1.1
1994	7.1	11.0	-27.0	88.1	-4.6
1995	-5.1	-8.6	47.5	-52.1	5.5
1996	-27.0	-28.8	-36.0	29.2	-28.6
1997	5.5	10.6	-8.9	-4.1	4.6
1998	-10.6	-19.2	14.4	-9.8	7.1
1999	25.2	13.2	36.8	59.7	40.0
2000	14.6	-1.7	31.9	0.3	55.1
2001	4.8	-1.7	18.2	48.7	-12.0
2002	11.7	28.3	18.2	-17.8	-12.5
2003	33.3	26.7	39.9	-11.2	71.4
2004	15.5	19.0	31.4	-14.7	-4.4
2005	28.1	3.3	22.0	120.5	85.2
2006	8.0	19.2	-8.2	-16.9	17.8
2007	-4.9	3.1	-1.5	12.4	-25.7
2008	-18.9	-11.6	-22.8	3.1	-39.0
2009	-31.2	-15.8	-56.1	-21.3	-49.4
2010	-0.9	8.8	16.5	-68.8	-13.3
2011	-6.1	-6.2	-21.6	-12.5	25.2
2012	42.2	39.0	51.2	34.4	50.6
2013	2.9	5.5	3.8	6.8	-11.4
2014	21.9	11.0	57.1	19.6	36.5
2015	19.6	17.6	-1.1	3.4	64.9
2016	-18.2	-12.1	-16.5	31.0	-47.4

Source: County building departments; and U.S. Census Bureau <<http://censtats.census.gov/bldg/bldgprmt.shtml>>.

Table E-2. VALUE OF RESIDENTIAL BUILDING PERMITS

[In thousands of dollars]

Year	State	Honolulu	Hawaii	Kauai	Maui
1990	952,283	342,644	260,189	160,250	189,200
1991	1,191,988	721,693	296,525	65,483	108,288
1992	811,115	486,663	154,590	75,906	93,956
1993	742,131	439,495	155,470	58,975	88,191
1994	849,252	530,123	96,611	116,973	105,544
1995	745,520	515,331	117,897	45,790	66,503
1996	487,030	269,937	80,697	55,629	80,767
1997	542,481	323,468	83,690	48,468	86,855
1998	485,504	222,054	121,452	50,707	91,291
1999	628,778	241,989	181,203	81,955	123,633
2000	800,148	274,298	232,361	97,180	196,310
2001	882,444	308,622	253,021	134,253	186,548
2002	1,112,912	433,841	319,788	172,660	186,622
2003	1,345,111	441,171	479,412	153,242	271,286
2004	1,767,689	721,963	629,855	130,659	285,212
2005	2,259,265	650,966	833,761	288,132	486,407
2006	1,811,828	495,949	714,307	239,294	362,279
2007	1,855,375	597,794	686,264	268,915	302,401
2008	1,381,575	393,926	434,312	277,149	276,188
2009	799,236	288,761	188,733	218,111	103,630
2010	779,047	396,240	233,166	68,047	81,594
2011	687,926	372,054	187,439	59,520	68,913
2012	837,170	450,596	192,286	79,998	114,290
2013	1,024,977	632,922	194,776	85,413	111,866
2014	985,938	375,971	386,390	102,195	121,382
2015	1,651,336	951,917	416,116	105,707	177,596
2016	1,447,978	745,437	371,084	138,481	192,976
Percentage Change from Previous Year					
1991	25.2	110.6	14.0	-59.1	-42.8
1992	-32.0	-32.6	-47.9	15.9	-13.2
1993	-8.5	-9.7	0.6	-22.3	-6.1
1994	14.4	20.6	-37.9	98.3	19.7
1995	-12.2	-2.8	22.0	-60.9	-37.0
1996	-34.7	-47.6	-31.6	21.5	21.4
1997	11.4	19.8	3.7	-12.9	7.5
1998	-10.5	-31.4	45.1	4.6	5.1
1999	29.5	9.0	49.2	61.6	35.4
2000	27.3	13.4	28.2	18.6	58.8
2001	10.3	12.5	8.9	38.1	-5.0
2002	26.1	40.6	26.4	28.6	0.0
2003	20.9	1.7	49.9	-11.2	45.4
2004	31.4	63.6	31.4	-14.7	5.1
2005	27.8	-9.8	32.4	120.5	70.5
2006	-19.8	-23.8	-14.3	-16.9	-25.5
2007	2.4	20.5	-3.9	12.4	-16.5
2008	-25.5	-34.1	-36.7	3.1	-8.7
2009	-42.2	-26.7	-56.5	-21.3	-62.5
2010	-2.5	37.2	23.5	-68.8	-21.3
2011	-11.7	-6.1	-19.6	-12.5	-15.5
2012	21.7	21.1	2.6	34.4	65.8
2013	22.4	40.5	1.3	6.8	-2.1
2014	-3.8	-40.6	98.4	19.6	8.5
2015	67.5	153.2	7.7	3.4	46.3
2016	-12.3	-21.7	-10.8	31.0	8.7

Source: County building departments; and U.S. Census Bureau
 <<http://censtats.census.gov/bldg/bldgprmt.shtml>>.

Table E-3. VALUE OF COMMERCIAL AND INDUSTRIAL BUILDING PERMITS

[In thousands of dollars. Kauai residential data only for November 2001 and beginning January 2002]

Year	State	Honolulu	Hawaii	Kauai	Maui
1990	698,011	338,598	139,045	28,794	191,574
1991	556,193	433,696	40,385	35,694	46,418
1992	532,303	267,761	183,716	24,550	56,277
1993	308,036	202,939	43,786	15,071	46,241
1994	370,284	240,753	56,260	32,376	40,895
1995	368,332	160,117	82,797	16,774	108,645
1996	252,764	152,830	39,752	28,542	31,640
1997	264,490	167,165	34,749	34,140	28,437
1998	205,625	132,362	20,744	14,851	37,668
1999	306,177	202,784	27,485	15,420	60,488
2000	246,213	100,503	53,489	17,065	75,156
2001	329,109	106,652	84,680	51,158	86,619
2002	254,194	122,372	93,438	(NA)	38,384
2003	507,517	268,724	88,370	(NA)	150,423
2004	303,256	90,741	110,758	(NA)	101,757
2005	433,549	112,920	86,847	(NA)	233,782
2006	732,034	88,309	126,013	(NA)	517,712
2007	703,889	279,128	115,879	(NA)	308,881
2008	427,136	253,283	107,683	(NA)	66,171
2009	284,789	184,450	45,530	(NA)	54,809
2010	377,463	241,081	61,058	(NA)	75,325
2011	285,911	127,601	38,010	(NA)	120,300
2012	271,125	97,171	79,976	(NA)	93,978
2013	296,522	81,776	77,635	(NA)	137,110
2014	498,536	254,731	111,902	(NA)	131,902
2015	702,920	222,480	50,045	(NA)	430,396
2016	210,952	68,303	43,070	(NA)	99,579
Percentage Change from Previous Year					
1991	-20.3	28.1	-71.0	24.0	-75.8
1992	-4.3	-38.3	354.9	-31.2	21.2
1993	-42.1	-24.2	-76.2	-38.6	-17.8
1994	20.2	18.6	28.5	114.8	-11.6
1995	-0.5	-33.5	47.2	-48.2	165.7
1996	-31.4	-4.6	-52.0	70.2	-70.9
1997	4.6	9.4	-12.6	19.6	-10.1
1998	-22.3	-20.8	-40.3	-56.5	32.5
1999	48.9	53.2	32.5	3.8	60.6
2000	-19.6	-50.4	94.6	10.7	24.2
2001	33.7	6.1	58.3	199.8	15.3
2002	-22.8	14.7	10.3	(NA)	-55.7
2003	99.7	119.6	-5.4	(NA)	291.9
2004	-40.2	-66.2	25.3	(NA)	-32.4
2005	43.0	24.4	-21.6	(NA)	129.7
2006	68.8	-21.8	45.1	(NA)	121.5
2007	-3.8	216.1	-8.0	(NA)	-40.3
2008	-39.3	-9.3	-7.1	(NA)	-78.6
2009	-33.3	-27.2	-57.7	(NA)	-17.2
2010	32.5	30.7	34.1	(NA)	37.4
2011	-24.3	-47.1	-37.7	(NA)	59.7
2012	-5.2	-23.8	110.4	(NA)	-21.9
2013	-36.7	-68.0	111.9	(NA)	-34.2
2014	-55.5	-95.2	150.0	(NA)	-63.9
2015	-74.4	-122.5	188.2	(NA)	-93.5
2016	-93.2	-149.8	226.4	(NA)	-123.2

NA Not available.

Source: County building departments; and U.S. Census Bureau
 <<http://censtats.census.gov/bldg/bldgprmt.shtml>>.

Table E-4. VALUE OF ADDITIONS AND ALTERATIONS BUILDING PERMITS

[In thousands of dollars. Kauai residential data only for November 2001 and beginning January 2002]

Year	State	Honolulu	Hawaii	Kauai	Maui
1990	451,475	317,679	30,729	49,925	53,142
1991	403,667	307,287	32,543	17,370	46,467
1992	408,452	306,277	40,851	10,641	50,682
1993	455,254	324,071	48,927	13,510	68,745
1994	393,363	302,388	28,188	15,332	47,455
1995	417,465	305,256	66,414	16,354	29,441
1996	377,967	275,930	50,569	17,810	33,658
1997	372,210	282,193	37,337	15,199	37,482
1998	363,152	269,810	36,024	22,637	34,680
1999	385,263	261,585	35,164	43,472	45,042
2000	466,240	319,423	35,855	27,068	83,894
2001	374,186	267,385	42,548	24,682	39,570
2002	404,921	319,836	36,375	(NA)	48,710
2003	508,605	399,673	61,365	(NA)	47,568
2004	655,591	507,848	85,881	(NA)	61,862
2005	799,149	600,144	87,778	(NA)	111,227
2006	1,226,189	1,041,070	85,698	(NA)	99,421
2007	1,026,184	799,309	110,385	(NA)	116,489
2008	1,097,866	834,063	162,322	(NA)	101,481
2009	914,883	773,985	74,902	(NA)	65,997
2010	823,786	719,993	66,105	(NA)	37,688
2011	884,926	773,267	57,189	(NA)	54,470
2012	1,535,545	1,221,687	155,131	(NA)	158,727
2013	1,399,021	1,151,654	171,329	(NA)	76,038
2014	1,830,604	1,441,500	198,771	(NA)	190,333
2015	1,609,350	1,262,557	223,293	(NA)	123,500
2016	1,581,719	1,327,727	161,861	(NA)	92,131
Percentage Change from Previous Year					
1991	-10.6	-3.3	5.9	-65.2	-12.6
1992	1.2	-0.3	25.5	-38.7	9.1
1993	11.5	5.8	19.8	27.0	35.6
1994	-13.6	-6.7	-42.4	13.5	-31.0
1995	6.1	0.9	135.6	6.7	-38.0
1996	-9.5	-9.6	-23.9	8.9	14.3
1997	-1.5	2.3	-26.2	-14.7	11.4
1998	-2.4	-4.4	-3.5	48.9	-7.5
1999	6.1	-3.0	-2.4	92.0	29.9
2000	21.0	22.1	2.0	-37.7	86.3
2001	-19.7	-16.3	18.7	-8.8	-52.8
2002	8.2	19.6	-14.5	(NA)	23.1
2003	25.6	25.0	68.7	(NA)	-2.3
2004	28.9	27.1	40.0	(NA)	30.1
2005	21.9	18.2	2.2	(NA)	79.8
2006	53.4	73.5	-2.4	(NA)	-10.6
2007	-16.3	-23.2	28.8	(NA)	17.2
2008	7.0	4.3	47.1	(NA)	-12.9
2009	-16.7	-7.2	-53.9	(NA)	-35.0
2010	-10.0	-7.0	-11.7	(NA)	-42.9
2011	7.4	7.4	-13.5	(NA)	44.5
2012	73.5	58.0	171.3	(NA)	191.4
2013	-8.9	-5.7	10.4	(NA)	-52.1
2014	30.8	25.2	16.0	(NA)	150.3
2015	-12.1	-12.4	12.3	(NA)	-35.1
2016	-1.7	5.2	-27.5	(NA)	-25.4

NA Not available.

Source: County building departments; and U.S. Census Bureau
<<http://censtats.census.gov/bldg/bldgprmt.shtml>>.

F. Business & Production

The U.S. Census Bureau reported that in 2015, the state had a total of 31,915 business establishments. Although that was 2,602 more than in 1990, the number of business establishments fluctuated over the period reflecting the ups and downs of the state economy. Maui County added the most business establishments at 1,306 between 1990 and 2015, Hawaii County increased by 626 established, Honolulu County lost 9 establishments, and Kauai County gained 499 establishments during the twenty-six year period. Statewide, or those establishments with no fixed location or those with unknown county location, increased by 179. Compared to the prior year, the number of business establishments increased in all three neighbor island counties in 2015 while Honolulu County experienced a small decrease.

An alternative count, conducted by the Hawaii State Department of Labor and Industrial Relations, shows the total number of private employers grew by 11,184 between 1990 and 2016. The largest gain was in Honolulu County with 6,226 more employers in 2016 than in 1990. Maui County added 2,374, the County of Hawaii gained 1,708, and Kauai County added 876 between 1990 and 2016. In terms of average annual growth rate over the period, Maui County marked the highest annual growth at 2.2 percent, followed by Kauai County at 1.8 percent and Hawaii County at 1.6 percent, and Honolulu at 1.1 percent. Statewide in 2016, 95.0 percent of the private employers had fewer than 50 employees with the individual counties ranging between 94.6 and 96.0 percent.

Sugar plantation agriculture ended by 1997 in the counties of Honolulu and Hawaii. Though still operating in the counties of Kauai and Maui, total value of sugar sales statewide was \$44.2 million in 2008 and in 2009, which was only 20.7 percent of the sales value in 1990. The total value of sugar sales in Kauai in 2009 was less than one third of the island had in 1990 while the value of sugar sales in Maui also decreased from 69.6 million in 1990 to 30 million in 2009. Statewide, total value of sugar sales rose to \$69.8 million in 2010 for an increase of 132.7 percent from the previous year. In 2011 the value rose again- to \$78.1 million, then to \$73.3 million for 2012, \$77.7 million for 2013, \$54.3 million for 2014 and \$48.1 million for 2015.

Statewide value of pineapple (fresh equivalent) sales in 1990 was \$99.3 million but declined to \$73.7 million in 2006. Due to statistical limitations, the value beyond 2007 and the county detail beyond 2004 are not available.

As an indication of diversified agriculture, the value of crop sales other than sugar and pineapple increased dramatically from 1990 to 2011. The value of sales reached \$524.8 million statewide in 2011, representing a growth of 180.1 percent between 1990 and 2011. Beginning in 2012, however, there was a series of annual declines for a total value of \$398.7 million in 2015. Individual county statistics are not available after 2004 at which time the shares of the \$315.1 million sales were County of Hawaii (45.7 percent), Honolulu (26.7 percent), Maui (17.3 percent) and Kauai (10.3 percent).

Table F-1. BUSINESS ESTABLISHMENTS

[Statewide refers to employers without a fixed location within the State or of unknown county location]

Year	State	Statewide 1/	Honolulu	Hawaii	Kauai	Maui
1990	29,313	7	21,176	3,376	1,515	3,239
1991	29,736	4	21,252	3,536	1,577	3,367
1992	30,467	4	21,553	3,712	1,716	3,482
1993	30,157	7	21,255	3,672	1,721	3,502
1994	29,995	1	21,063	3,634	1,719	3,578
1995	29,942	1	21,004	3,649	1,649	3,639
1996	29,967	1	20,986	3,675	1,597	3,708
1997	29,991	0	20,973	3,622	1,630	3,766
1998	29,603	0	20,675	3,552	1,630	3,746
1999	29,569	0	20,583	3,548	1,648	3,790
2000	29,853	0	20,637	3,629	1,698	3,889
2001	30,175	0	20,801	3,688	1,731	3,955
2002	30,633	6	20,952	3,764	1,807	4,104
2003	31,061	11	21,141	3,853	1,853	4,203
2004	31,605	45	21,439	3,929	1,897	4,295
2005	32,244	56	21,728	4,115	1,923	4,422
2006	33,118	54	22,164	4,297	2,019	4,584
2007	33,388	50	22,279	4,364	2,032	4,663
2008	32,904	57	22,044	4,261	1,978	4,564
2009	32,372	58	21,748	4,197	1,919	4,450
2010	31,939	58	21,592	4,044	1,913	4,332
2011	31,472	148	21,139	3,966	1,905	4,314
2012	31,496	117	21,190	3,902	1,944	4,343
2013	31,622	130	21,173	3,923	1,986	4,409
2014	31,801	156	21,195	3,962	1,988	4,499
2015	31,915	186	21,167	4,002	2,014	4,545
Percentage Change from Previous Year						
1991	1.4	-42.9	0.4	4.7	4.1	4.0
1992	1.4	0.0	1.4	5.0	8.8	3.4
1993	2.5	75.0	-1.4	-1.1	0.3	0.6
1994	-1.0	-85.7	-0.9	-1.0	-0.1	2.2
1995	-0.5	0.0	-0.3	0.4	-4.1	1.7
1996	-0.2	0.0	-0.1	0.7	-3.2	1.9
1997	0.1	(1/)	-0.1	-1.4	2.1	1.6
1998	0.1	(1/)	-1.4	-1.9	0.0	-0.5
1999	-1.3	(1/)	-0.4	-0.1	1.1	1.2
2000	-0.1	(1/)	0.3	2.3	3.0	2.6
2001	1.0	(1/)	0.8	1.6	1.9	1.7
2002	1.1	(1/)	0.7	2.1	4.4	3.8
2003	1.5	83.3	0.9	2.4	2.5	2.4
2004	1.4	309.1	1.4	2.0	2.4	2.2
2005	1.8	24.4	1.3	4.7	1.4	3.0
2006	2.0	-3.6	2.0	4.4	5.0	3.7
2007	2.7	-7.4	0.5	1.6	0.6	1.7
2008	0.8	14.0	-1.1	-2.4	-2.7	-2.1
2009	-1.4	1.8	-1.3	-1.5	-3.0	-2.5
2010	-1.6	0.0	-0.7	-3.6	-0.3	-2.7
2011	-1.3	155.2	-2.1	-1.9	-0.4	-0.4
2012	-1.5	-20.9	0.2	-1.6	2.0	0.7
2013	0.1	11.1	-0.1	0.5	2.2	1.5
2014	0.4	20.0	0.1	1.0	0.1	2.0
2015	0.6	19.2	-0.1	1.0	1.3	1.0

Business establishments with taxable payrolls. Excludes government and self-employed workers.

1/ Calculations involving zero not meaningful.

Source: U.S. Census Bureau, *County Business Patterns* <<http://censtats.census.gov/cgi-bin/cbpnaic/cbpdetl.pl>>

Table F-2. NUMBER OF PRIVATE EMPLOYERS

Year	State	Honolulu	Hawaii	Kauai	Maui
1990	27,271	19,429	3,310	1,490	3,042
1991	29,682	20,985	3,681	1,643	3,373
1992	30,490	21,525	3,788	1,726	3,451
1993	30,938	21,711	3,833	1,839	3,555
1994	31,025	21,735	3,824	1,816	3,650
1995	30,473	21,310	3,742	1,732	3,689
1996	31,248	21,935	3,792	1,754	3,767
1997	31,182	21,868	3,779	1,745	3,790
1998	31,270	21,920	3,776	1,773	3,801
1999	31,271	21,825	3,808	1,772	3,866
2000	33,569	23,313	4,112	1,935	4,209
2001	34,288	23,750	4,229	1,968	4,341
2002	34,673	23,816	4,358	2,025	4,474
2003	35,793	24,379	4,589	2,122	4,703
2004	34,061	23,095	4,444	2,001	4,521
2005	35,131	23,882	4,601	1,990	4,658
2006	35,600	24,110	4,698	2,055	4,737
2007	36,924	24,818	5,032	2,090	4,984
2008	37,164	25,075	4,952	2,217	4,920
2009	37,540	25,456	4,997	2,174	4,913
2010	36,766	24,923	4,891	2,127	4,825
2011	36,432	24,659	4,745	2,148	4,880
2012	36,562	24,655	4,779	2,185	4,943
2013	36,834	24,791	4,769	2,223	5,051
2014	37,122	25,017	4,713	2,229	5,163
2015	37,847	25,340	4,878	2,330	5,299
2016	38,455	25,655	5,018	2,366	5,416
Percentage Change from Previous Year					
1991	8.8	8.0	11.2	10.3	10.9
1992	2.7	2.6	2.9	5.1	2.3
1993	1.5	0.9	1.2	6.5	3.0
1994	0.3	0.1	-0.2	-1.3	2.7
1995	-1.8	-2.0	-2.1	-4.6	1.1
1996	2.5	2.9	1.3	1.3	2.1
1997	-0.2	-0.3	-0.3	-0.5	0.6
1998	0.3	0.2	-0.1	1.6	0.3
1999	0.0	-0.4	0.8	-0.1	1.7
2000	7.3	6.8	8.0	9.2	8.9
2001	2.1	1.9	2.8	1.7	3.1
2002	1.1	0.3	3.1	2.9	3.1
2003	3.2	2.4	5.3	4.8	5.1
2004	-4.8	-5.3	-3.2	-5.7	-3.9
2005	3.1	3.4	3.5	-0.5	3.0
2006	1.3	1.0	2.1	3.3	1.7
2007	3.7	2.9	7.1	1.7	5.2
2008	0.6	1.0	-1.6	6.1	-1.3
2009	1.0	1.5	0.9	-1.9	-0.1
2010	-2.1	-2.1	-2.1	-2.2	-1.8
2011	-0.9	-1.1	-3.0	1.0	1.1
2012	0.4	0.0	0.7	1.7	1.3
2013	0.7	0.6	-0.2	1.7	2.2
2014	0.8	0.9	-1.2	0.3	2.2
2015	2.0	1.3	3.5	4.5	2.6
2016	1.6	1.2	2.9	1.5	2.2

Multiple-establishment employers are counted for each worksite reported, except for the construction industry which reports separately only for major projects.

Source: Hawaii State Department of Labor and Industrial Relations, *Employment and Payrolls in Hawaii* (annual) and <<http://www.hiwi.org/gsipub/index.asp?docid=420>> .

Table F-3. NUMBER OF PRIVATE EMPLOYERS WITH FEWER THAN 50 EMPLOYEES

Year	State	Honolulu	Hawaii	Kauai	Maui
1990	25,768	18,320	3,170	1,401	2,877
1991	28,128	19,803	3,559	1,553	3,213
1992	28,918	20,316	3,665	1,652	3,285
1993	29,427	20,558	3,714	1,767	3,388
1994	29,529	20,588	3,714	1,742	3,485
1995	29,027	20,187	3,635	1,665	3,540
1996	29,766	20,796	3,680	1,685	3,605
1997	29,684	20,729	3,661	1,674	3,620
1998	29,764	20,791	3,653	1,697	3,623
1999	29,710	20,660	3,675	1,701	3,674
2000	31,970	22,116	3,981	1,857	4,016
2001	32,740	22,602	4,087	1,896	4,155
2002	33,049	22,623	4,199	1,950	4,277
2003	34,128	23,156	4,423	2,039	4,510
2004	32,335	21,831	4,272	1,917	4,315
2005	33,309	22,542	4,423	1,901	4,443
2006	33,749	22,761	4,511	1,960	4,517
2007	35,039	23,438	4,845	1,996	4,760
2008	35,376	23,751	4,771	2,127	4,727
2009	35,867	24,220	4,829	2,090	4,728
2010	35,057	23,666	4,723	2,037	4,631
2011	34,706	23,392	4,577	2,058	4,679
2012	34,726	23,309	4,599	2,091	4,727
2013	34,986	23,448	4,581	2,127	4,830
2014	35,278	23,671	4,523	2,136	4,948
2015	35,941	23,946	4,685	2,236	5,074
2016	36,531	24,257	4,817	2,269	5,188
Percentage Change from Previous Year					
1991	9.2	8.1	12.3	10.8	11.7
1992	2.8	2.6	3.0	6.4	2.2
1993	1.8	1.2	1.3	7.0	3.1
1994	0.3	0.1	0.0	-1.4	2.9
1995	-1.7	-1.9	-2.1	-4.4	1.6
1996	2.5	3.0	1.2	1.2	1.8
1997	-0.3	-0.3	-0.5	-0.7	0.4
1998	0.3	0.3	-0.2	1.4	0.1
1999	-0.2	-0.6	0.6	0.2	1.4
2000	7.6	7.0	8.3	9.2	9.3
2001	2.4	2.2	2.7	2.1	3.5
2002	0.9	0.1	2.7	2.8	2.9
2003	3.3	2.4	5.3	4.6	5.4
2004	-5.3	-5.7	-3.4	-6.0	-4.3
2005	3.0	3.3	3.5	-0.8	3.0
2006	1.3	1.0	2.0	3.1	1.7
2007	3.8	3.0	7.4	1.8	5.4
2008	1.0	1.3	-1.5	6.6	-0.7
2009	1.4	2.0	1.2	-1.7	0.0
2010	-2.3	-2.3	-2.2	-2.5	-2.1
2011	-1.0	-1.2	-3.1	1.0	1.0
2012	0.1	-0.4	0.5	1.6	1.0
2013	0.7	0.6	-0.4	1.7	2.2
2014	0.8	1.0	-1.3	0.4	2.4
2015	1.9	1.2	3.6	4.7	2.5
2016	1.6	1.3	2.8	1.5	2.2

Based on number of reporting units. Multiple-establishment employers are counted for each worksite reported, except for the construction industry which reports separately only for major projects.

Source: Hawaii State Department of Labor and Industrial Relations, *Employment and Payrolls in Hawaii* (annual) and <<http://www.hiwi.org/gsipub/index.asp?docid=420>> .

Table F-4. VALUE OF CROP AND LIVESTOCK SALES

[In thousands of dollars]

Year	State	Honolulu	Hawaii	Kauai	Maui
1990	588,844	181,083	197,997	65,276	144,488
1991	551,382	171,378	179,716	57,912	142,376
1992	520,227	152,483	168,406	46,549	152,789
1993	506,475	162,086	166,309	46,145	131,935
1994	503,780	160,678	161,475	54,438	127,189
1995	493,385	162,578	146,427	59,631	124,748
1996	488,303	156,582	141,910	65,988	123,823
1997	486,460	142,256	149,965	63,425	126,266
1998	493,442	160,819	142,522	54,728	135,373
1999	512,992	179,324	144,470	57,933	131,265
2000	499,730	177,704	154,240	46,739	121,047
2001	502,181	177,462	160,258	40,790	123,671
2002	514,338	179,778	155,651	(D)	(D)
2003	520,473	178,852	159,592	(D)	(D)
2004	523,957	163,974	174,388	(D)	(D)
2005	554,387	(D)	(D)	(D)	(D)
2006	558,333	(D)	183,177	(D)	(D)
2007	552,889	(D)	173,572	(D)	(D)
2008	570,920	(D)	165,525	(D)	(D)
2009	609,520	(NA)	(NA)	(NA)	(NA)
2010	644,620	(NA)	(NA)	(NA)	(NA)
2011	679,504	(NA)	(NA)	(NA)	(NA)
2012	590,578	(NA)	(NA)	(NA)	(NA)
2013	583,038	(NA)	(NA)	(NA)	(NA)
2014	552,822	(NA)	(NA)	(NA)	(NA)
2015	527,818	(NA)	(NA)	(NA)	(NA)
Percentage Change from Previous Year					
1991	-6.4	-5.4	-9.2	-11.3	-1.5
1992	-5.7	-11.0	-6.3	-19.6	7.3
1993	-2.6	6.3	-1.2	-0.9	-13.6
1994	-0.5	-0.9	-2.9	18.0	-3.6
1995	-2.1	1.2	-9.3	9.5	-1.9
1996	-1.0	-3.7	-3.1	10.7	-0.7
1997	-0.4	-9.1	5.7	-3.9	2.0
1998	1.4	13.0	-5.0	-13.7	7.2
1999	4.0	11.5	1.4	5.9	-3.0
2000	-2.6	-0.9	6.8	-19.3	-7.8
2001	0.5	-0.1	3.9	-12.7	2.2
2002	2.4	1.3	-2.9	(NA)	(NA)
2003	1.2	-0.5	2.5	(NA)	(NA)
2004	0.7	-8.3	9.3	(NA)	(NA)
2005	5.8	(NA)	(NA)	(NA)	(NA)
2006	0.7	(NA)	(NA)	(NA)	(NA)
2007	-1.0	(NA)	-5.2	(NA)	(NA)
2008	3.3	(NA)	-4.6	(NA)	(NA)
2009	6.8	(NA)	(NA)	(NA)	(NA)
2010	5.8	(NA)	(NA)	(NA)	(NA)
2011	5.4	(NA)	(NA)	(NA)	(NA)
2012	-13.1	(NA)	(NA)	(NA)	(NA)
2013	-1.3	(NA)	(NA)	(NA)	(NA)
2014	-5.2	(NA)	(NA)	(NA)	(NA)
2015	-4.5	(NA)	(NA)	(NA)	(NA)

NA Not available. D Data not shown to avoid disclosure of individual operations.

For 1997, counties do not add to State total.

Source: USDA, NASS, Hawaii Field Office, *Statistics of Hawaii Agriculture* (annual), records, and Quick Facts <http://www.nass.usda.gov/Quick_Stats/>.

Table F-5. VALUE OF SUGAR (UNPROCESSED CANE) SALES

[In thousands of dollars]

Year	State	Honolulu	Hawaii	Kauai	Maui
1990	213,800	36,800	55,000	52,400	69,600
1991	174,900	30,600	43,600	42,800	57,900
1992	153,700	27,300	38,200	32,600	55,600
1993	163,000	29,700	39,000	31,600	62,700
1994	160,100	30,600	35,800	35,200	58,500
1995	127,700	21,000	12,200	35,100	59,400
1996	108,100	10,400	1,700	38,800	57,200
1997	85,500	0	0	31,600	53,900
1998	87,300	0	0	28,700	58,700
1999	86,800	0	0	26,600	60,200
2000	62,200	0	0	18,500	43,700
2001	57,800	0	0	12,900	44,900
2002	64,300	0	0	13,000	51,300
2003	64,400	0	0	13,500	50,900
2004	61,500	0	0	15,300	46,200
2005	58,900	0	0	14,700	44,200
2006	50,200	0	0	9,500	40,700
2007	47,600	0	0	9,800	37,800
2008	44,200	0	0	9,700	34,500
2009	44,200	0	0	14,200	30,000
2010	69,800	0	0	(D)	69,800
2011	78,100	0	0	(D)	78,100
2012	73,322	(NA)	(NA)	(NA)	(NA)
2013	77,740	(NA)	(NA)	(NA)	(NA)
2014	54,349	(NA)	(NA)	(NA)	(NA)
2015	48,148	(NA)	(NA)	(NA)	(NA)
Percentage Change from Previous Year					
1991	-18.2	-16.8	-20.7	-18.3	-16.8
1992	-12.1	-10.8	-12.4	-23.8	-4.0
1993	6.1	8.8	2.1	-3.1	12.8
1994	-1.8	3.0	-8.2	11.4	-6.7
1995	-20.2	-31.4	-65.9	-0.3	1.5
1996	-15.3	-50.5	-86.1	10.5	-3.7
1997	-20.9	(1/)	(1/)	-18.6	-5.8
1998	2.1	(1/)	(1/)	-9.2	8.9
1999	-0.6	(1/)	(1/)	-7.3	2.6
2000	-28.3	(1/)	(1/)	-30.5	-27.4
2001	-7.1	(1/)	(1/)	-30.3	2.7
2002	11.2	(1/)	(1/)	0.8	14.3
2003	0.2	(1/)	(1/)	3.8	-0.8
2004	-4.5	(1/)	(1/)	13.3	-9.2
2005	-4.2	(1/)	(1/)	-3.9	-4.3
2006	-14.8	(1/)	(1/)	-35.4	-7.9
2007	-5.2	(1/)	(1/)	3.2	-7.1
2008	-7.1	(1/)	(1/)	-1.0	-8.7
2009	0.0	(1/)	(1/)	46.4	-13.0
2010	57.9	(1/)	(1/)	(NA)	132.7
2011	11.9	(1/)	(1/)	(NA)	11.9
2012	-6.1	(NA)	(NA)	(NA)	(NA)
2013	6.0	(NA)	(NA)	(NA)	(NA)
2014	-30.1	(NA)	(NA)	(NA)	(NA)
2015	-11.4	(NA)	(NA)	(NA)	(NA)

In thousands of dollars. NA Not available. D Data not shown to avoid disclosure of individual operations.

1/ Calculations involving zero not meaningful.

Source: USDA, NASS, Hawaii Field Office, Statistics of Hawaii Agriculture (annual), records, and Quick Facts <http://www.nass.usda.gov/Quick_Stats/>.

Table F-6. VALUE OF PINEAPPLE (FRESH EQUIVALENT) SALES

[In thousands of dollars]

Year	State	Honolulu	Hawaii	Kauai	Maui
1990	99,255	62,280	0	0	36,975
1991	107,775	62,075	0	0	45,700
1992	102,100	45,430	(D)	(D)	56,659
1993	79,850	54,923	(D)	(D)	24,890
1994	78,890	53,690	(D)	(D)	25,150
1995	87,360	62,585	(D)	(D)	24,775
1996	95,914	68,770	(D)	(D)	27,144
1997	91,721	63,426	(D)	(D)	28,295
1998	92,776	64,363	(D)	(D)	28,413
1999	101,448	73,123	(D)	(D)	28,325
2000	101,530	72,085	(D)	(D)	29,445
2001	96,337	69,222	(D)	(D)	27,115
2002	100,616	70,992	(D)	(D)	29,624
2003	101,470	71,029	(D)	(D)	30,441
2004	83,104	54,704	(D)	(D)	28,400
2005	79,288	(D)	(D)	(D)	(D)
2006	73,652	(D)	(D)	(D)	(D)
2007	(D)	(D)	(D)	(D)	(D)
2008	(D)	(D)	(D)	(D)	(D)
2009	(D)	(D)	(D)	(D)	(D)
2010	(D)	(D)	(D)	(D)	(D)
2011	(D)	(D)	(D)	(D)	(D)
2012	(D)	(D)	(D)	(D)	(D)
2013	(D)	(D)	(D)	(D)	(D)
2014	(D)	(D)	(D)	(D)	(D)
2015	(D)	(D)	(D)	(D)	(D)
Percentage Change from Previous Year					
1991	8.6	-0.3	(1/)	(1/)	23.6
1992	-5.3	-26.8	(1/)	(1/)	24.0
1993	-21.8	20.9	(D)	(D)	-56.1
1994	-1.2	-2.2	(D)	(D)	1.0
1995	10.7	16.6	(D)	(D)	-1.5
1996	9.8	9.9	(D)	(D)	9.6
1997	-4.4	-7.8	(D)	(D)	4.2
1998	1.2	1.5	(D)	(D)	0.4
1999	9.3	13.6	(D)	(D)	-0.3
2000	0.1	-1.4	(D)	(D)	4.0
2001	-5.1	-4.0	(D)	(D)	-7.9
2002	4.4	2.6	(D)	(D)	9.3
2003	0.8	0.1	(D)	(D)	2.8
2004	-18.1	-23.0	(D)	(D)	-6.7
2005	-4.6	(D)	(D)	(D)	(D)
2006	-7.1	(D)	(D)	(D)	(D)
2007	(D)	(D)	(D)	(D)	(D)
2008	(D)	(D)	(D)	(D)	(D)
2009	(D)	(D)	(D)	(D)	(D)
2010	(D)	(D)	(D)	(D)	(D)
2011	(D)	(D)	(D)	(D)	(D)
2012	(D)	(D)	(D)	(D)	(D)
2013	(D)	(D)	(D)	(D)	(D)
2014	(D)	(D)	(D)	(D)	(D)
2015	(D)	(D)	(D)	(D)	(D)

NA Not available. D Data not shown to avoid disclosure of individual operations.

1/ Calculations involving zero not meaningful.

Source: USDA, NASS, Hawaii Field Office, Statistics of Hawaii Agriculture (annual), records, and Quick Facts <http://www.nass.usda.gov/Quick_Stats/>.

Table F-7. VALUE OF SALES OF CROPS OTHER THAN SUGAR AND PINEAPPLE

[In thousands of dollars]

Year	State	Honolulu	Hawaii	Kauai	Maui
1990	187,345	36,819	113,580	7,867	29,079
1991	181,464	36,927	105,409	10,218	28,910
1992	176,158	36,235	102,035	9,079	28,820
1993	178,743	35,283	101,610	10,543	31,344
1994	188,160	35,668	104,970	14,775	32,797
1995	206,029	39,489	116,364	20,287	29,889
1996	218,554	41,973	124,215	23,014	29,352
1997	241,440	43,921	130,887	27,825	34,258
1998	240,558	60,267	121,676	20,912	37,703
1999	254,863	69,284	121,939	26,790	36,850
2000	267,752	73,699	128,161	24,386	41,506
2001	283,301	77,282	134,380	25,392	46,247
2002	288,484	82,733	128,426	27,854	49,471
2003	295,810	83,199	132,331	33,577	46,702
2004	315,098	84,174	143,972	32,352	54,600
2005	355,803	(D)	(D)	(D)	(D)
2006	375,832	(D)	(D)	(D)	(D)
2007	450,738	(D)	(D)	(D)	(D)
2008	477,939	(D)	(D)	(D)	(D)
2009	509,662	(D)	(D)	(D)	(D)
2010	513,880	(D)	(D)	(D)	(D)
2011	524,781	(D)	(D)	(D)	(D)
2012	454,222	(D)	(D)	(D)	(D)
2013	443,442	(D)	(D)	(D)	(D)
2014	420,358	(D)	(D)	(D)	(D)
2015	398,702	(D)	(D)	(D)	(D)
Percentage Change from Previous Year					
1991	-18.2	-16.8	-20.7	-18.3	-16.8
1992	-12.1	-10.8	-12.4	-23.8	-4.0
1993	6.1	8.8	2.1	-3.1	12.8
1994	-1.8	3.0	-8.2	11.4	-6.7
1995	-20.2	-31.4	-65.9	-0.3	1.5
1996	-15.3	-50.5	-86.1	10.5	-3.7
1997	-20.9	(1)	(1)	-18.6	-5.8
1998	2.1	(1)	(1)	-9.2	8.9
1999	-0.6	(1)	(1)	-7.3	2.6
2000	-28.3	(1)	(1)	-30.5	-27.4
2001	-7.1	(1)	(1)	-30.3	2.7
2002	11.2	(1)	(1)	0.8	14.3
2003	0.2	(1)	(1)	3.8	-0.8
2004	-4.5	(1)	(1)	13.3	-9.2
2005	-4.2	(1)	(1)	-3.9	-4.3
2006	-14.8	(1)	(1)	-35.4	-7.9
2007	-5.2	(1)	(1)	3.2	-7.1
2008	-7.1	(1)	(1)	-1.0	-8.7
2009	0.0	(1)	(1)	46.4	-13.0
2010	57.9	(1)	(1)	(NA)	132.7
2011	11.9	(1)	(1)	(NA)	11.9
2012	-6.1	(NA)	(NA)	(NA)	(NA)
2013	6.0	(NA)	(NA)	(NA)	(NA)
2014	-30.1	(NA)	(NA)	(NA)	(NA)
2015	-11.4	(NA)	(NA)	(NA)	(NA)

NA Not available. D Data not shown to avoid disclosure of individual operations.

For 1997, counties do not add to State total.

Source: USDA, NASS, Hawaii Field Office, *Statistics of Hawaii Agriculture* (annual), records, and for 2008
 <http://www.nass.usda.gov/Statistics_by_State/Hawaii/Publications/Annual_Statistical_Bulletin/index.asp>.

G. Utilities

Statewide water consumption increased by 674 million gallons (0.9 percent) in 2016 from the previous year. This increase was seen in all counties. In Honolulu County, an increase of 86 million gallons, a 0.2 percent increase from water consumption in 2015. This compares to increases in consumption in Maui of 101 million gallons or 0.9 percent, Kauai of 28 million gallons or 0.7 percent, with the largest increase in Hawaii County at 459 million gallons or 5.0 percent.

Statewide electricity sales in 2016 was 9,284 million KWH, which was 11.7 percent higher than sales in 1990, but 12.3 percent lower than sales in the peak year 2007. As compared with 2015, a net statewide decline of 1.1 percent in 2016 was due to declines in electricity sales in Maui County of 1.7 percent, followed by Honolulu County at 1.4 percent, but increases in Hawaii County of 0.2 percent and Kauai County of 1.6 percent.

The number of total residential electricity customers increased to 431,496 in 2016 or by 34.8 percent between 1990 and 2016. The City and County of Honolulu gained 51,652 customers, Hawaii County added 29,727, Maui County increased by 20,848, and Kauai County had 9,054 more electricity customers in 2016 than in 1990.

Statewide utility gas sales were fairly level during the 1990 to 2016 period. Sales statewide in 2016 was 2.0 percent higher than the sales in 1990. While Honolulu County, Hawaii and Maui County showed small increases over the period, Kauai County demonstrated a significant increase in gas sales during the period. Gas sales in Kauai almost tripled from 1990 to 2016, registering 4.6 percent annual increase on average during the period.

Table G-1. WATER CONSUMPTION

[As of June 30. In millions of gallons]

Year	State	Honolulu	Hawaii	Kauai	Maui
1990	70,088	49,727	7,064	4,139	9,158
1991	72,642	50,663	7,356	4,465	10,158
1992	74,118	51,241	8,025	4,453	10,399
1993	73,338	51,033	7,937	4,056	10,312
1994	73,732	50,407	7,999	4,149	11,177
1995	74,990	51,004	8,378	4,114	11,494
1996	75,389	51,343	8,363	4,206	11,477
1997	71,810	48,624	7,804	3,944	11,438
1998	73,301	49,265	8,159	4,148	11,729
1999	76,631	51,614	8,097	4,373	12,547
2000	76,401	51,020	8,353	4,309	12,719
2001	78,798	52,608	8,676	4,631	12,883
2002	77,868	52,405	8,925	4,226	12,312
2003	80,735	54,576	9,166	4,298	12,695
2004	78,245	52,245	9,221	4,343	12,436
2005	77,171	51,044	9,134	4,032	12,961
2006	80,106	52,887	9,567	4,466	13,186
2007	76,689	49,027	9,914	4,490	13,258
2008	80,287	53,297	9,530	4,663	12,797
2009	76,048	50,396	9,171	4,407	12,074
2010	78,028	52,060	9,505	4,249	12,214
2011	75,678	50,238	8,806	4,263	12,371
2012	74,961	49,128	9,073	4,085	12,675
2013	74,722	47,734	9,230	4,505	13,253
2014	76,722	51,794	9,080	3,997	11,851
2015	73,247	48,347	9,196	4,020	11,684
2016	73,921	48,433	9,655	4,048	11,785
Percentage Change from Previous Year					
1991	3.6	1.9	4.1	7.9	10.9
1992	2.0	1.1	9.1	-0.3	2.4
1993	-1.1	-0.4	-1.1	-8.9	-0.8
1994	0.5	-1.2	0.8	2.3	8.4
1995	1.7	1.2	4.7	-0.8	2.8
1996	0.5	0.7	-0.2	2.2	-0.1
1997	-4.7	-5.3	-6.7	-6.2	-0.3
1998	2.1	1.3	4.5	5.2	2.5
1999	4.5	4.8	-0.8	5.4	7.0
2000	-0.3	-1.2	3.2	-1.5	1.4
2001	3.1	3.1	3.9	7.5	1.3
2002	-1.2	-0.4	2.9	-8.7	-4.4
2003	3.7	4.1	2.7	1.7	3.1
2004	-3.1	-4.3	0.6	1.0	-2.0
2005	-1.4	-2.3	-0.9	-7.2	4.2
2006	3.8	3.6	4.7	10.8	1.7
2007	-4.3	-7.3	3.6	0.5	0.5
2008	4.7	8.7	-3.9	3.9	-3.5
2009	-5.3	-5.4	-3.8	-5.5	-5.6
2010	2.6	3.3	3.6	-3.6	1.2
2011	-3.0	-3.5	-7.4	0.3	1.3
2012	-0.9	-2.2	3.0	-4.2	2.5
2013	-0.3	-2.8	1.7	10.3	4.6
2014	2.7	8.5	-1.6	-11.3	-10.6
2015	-4.5	-6.7	1.3	0.6	-1.4
2016	0.9	0.2	5.0	0.7	0.9

Source: Board of Water Supply of the City and County of Honolulu, and departments of water supply of the counties of Hawaii, Kauai, and Maui.

Table G-2. ELECTRICITY SOLD BY PUBLIC UTILITIES
 [In millions of kilowatt-hours]

Year	State	Honolulu	Hawaii	Kauai	Maui
1990	8,312	6,472	706	343	781
1991	8,524	6,539	779	370	836
1992	8,667	6,650	791	335	891
1993	8,658	6,607	802	333	916
1994	8,948	6,797	836	355	960
1995	9,187	6,963	847	381	997
1996	9,379	7,091	876	388	1,024
1997	9,345	7,040	894	382	1,029
1998	9,261	6,938	903	391	1,029
1999	9,380	6,998	922	395	1,065
2000	9,691	7,212	954	419	1,105
2001	9,777	7,277	960	407	1,134
2002	9,959	7,390	995	414	1,159
2003	10,206	7,522	1,046	431	1,207
2004	10,509	7,733	1,083	445	1,248
2005	10,539	7,721	1,116	449	1,252
2006	10,568	7,701	1,149	452	1,266
2007	10,585	7,675	1,163	467	1,280
2008	10,390	7,556	1,141	454	1,239
2009	10,126	7,378	1,120	436	1,192
2010	10,013	7,277	1,110	435	1,192
2011	9,962	7,242	1,104	435	1,181
2012	9,639	6,976	1,085	433	1,145
2013	9,496	6,859	1,076	431	1,135
2014	9,406	6,782	1,063	430	1,132
2015	9,389	6,754	1,065	432	1,138
2016	9,284	6,660	1,067	439	1,118
Percentage Change from Previous Year					
1991	2.6	1.0	10.3	7.9	7.0
1992	1.7	1.7	1.5	-9.5	6.6
1993	-0.1	-0.6	1.4	-0.6	2.8
1994	3.3	2.9	4.2	6.6	4.8
1995	2.7	2.4	1.3	7.3	3.9
1996	2.1	1.8	3.4	1.8	2.7
1997	-0.4	-0.7	2.1	-1.5	0.5
1998	-0.9	-1.4	1.0	2.4	0.0
1999	1.3	0.9	2.1	1.0	3.5
2000	3.3	3.1	3.5	6.1	3.8
2001	0.9	0.9	0.6	-2.9	2.6
2002	1.9	1.6	3.6	1.7	2.2
2003	2.5	1.8	5.1	4.1	4.1
2004	3.0	2.8	3.5	3.2	3.4
2005	0.3	-0.2	3.0	0.9	0.3
2006	0.3	-0.3	3.0	0.7	1.1
2007	0.2	-0.3	1.2	3.3	1.1
2008	-1.8	-1.6	-1.9	-2.8	-3.2
2009	-2.5	-2.4	-1.9	-3.9	-3.8
2010	-1.1	-1.4	-0.9	-0.4	-0.1
2011	-0.5	-0.5	-0.6	0.0	-0.9
2012	-3.2	-3.7	-1.7	-0.4	-3.1
2013	-1.5	-1.7	-0.8	-0.4	-0.9
2014	-0.9	-1.1	-1.3	-0.4	-0.2
2015	-0.2	-0.4	0.2	0.5	0.5
2016	-1.1	-1.4	0.2	1.6	-1.7

Source: Hawaii State Department of Commerce and Consumer Affairs, Division of Consumer Advocacy, records; and monthly financial reports issued by utility companies (Hawaiian Electric Company, Maui Electric Company, Hawaii Electric Light Company and Kauai Island Utility Cooperative).

Table G-3. ELECTRIC COMPANY RESIDENTIAL CUSTOMERS

Year	State	Honolulu	Hawaii	Kauai	Maui
1990	320,215	218,799	42,165	19,624	39,627
1991	328,899	223,304	44,244	20,129	41,222
1992	332,863	225,229	46,144	18,678	42,812
1993	341,471	230,192	47,252	20,484	43,543
1994	346,977	232,115	48,655	21,482	44,725
1995	352,589	235,905	49,129	22,081	45,474
1996	356,205	237,860	49,860	22,409	46,076
1997	358,683	238,825	50,590	22,589	46,679
1998	361,429	239,945	51,277	22,975	47,232
1999	366,273	242,579	52,277	23,316	48,101
2000	370,928	245,027	53,263	23,612	49,026
2001	376,054	247,672	54,453	23,922	50,007
2002	380,608	249,896	55,369	24,364	50,979
2003	387,162	253,033	57,257	24,762	52,110
2004	391,567	254,797	58,861	25,350	52,559
2005	398,332	257,804	60,699	25,694	54,135
2006	403,278	259,098	62,851	26,495	54,834
2007	408,923	260,583	65,305	26,959	56,076
2008	410,477	259,929	66,188	27,435	56,925
2009	413,641	261,630	66,825	27,755	57,431
2010	416,141	262,635	67,837	27,834	57,835
2011	418,174	263,384	68,423	28,041	58,326
2012	420,240	264,047	69,099	28,215	58,879
2013	423,281	265,772	69,719	28,371	59,419
2014	426,862	268,056	70,398	28,606	59,802
2015	429,085	269,207	71,217	28,430	60,231
2016	431,496	270,451	71,892	28,678	60,475
Percentage Change from Previous Year					
1991	2.7	2.1	4.9	2.6	4.0
1992	1.2	0.9	4.3	-7.2	3.9
1993	2.6	2.2	2.4	9.7	1.7
1994	1.6	0.8	3.0	4.9	2.7
1995	1.6	1.6	1.0	2.8	1.7
1996	1.0	0.8	1.5	1.5	1.3
1997	0.7	0.4	1.5	0.8	1.3
1998	0.8	0.5	1.4	1.7	1.2
1999	1.3	1.1	2.0	1.5	1.8
2000	1.3	1.0	1.9	1.3	1.9
2001	1.4	1.1	2.2	1.3	2.0
2002	1.2	0.9	1.7	1.8	1.9
2003	1.7	1.3	3.4	1.6	2.2
2004	1.1	0.7	2.8	2.4	0.9
2005	1.7	1.2	3.1	1.4	3.0
2006	1.2	0.5	3.5	3.1	1.3
2007	1.4	0.6	3.9	1.8	2.3
2008	0.4	-0.3	1.4	1.8	1.5
2009	0.8	0.7	1.0	1.2	0.9
2010	0.6	0.4	1.5	0.3	0.7
2011	0.5	0.3	0.9	0.7	0.8
2012	0.5	0.3	1.0	0.6	0.9
2013	0.7	0.7	0.9	0.6	0.9
2014	0.8	0.9	1.0	0.8	0.6
2015	0.5	0.4	1.2	-0.6	0.7
2016	0.6	0.5	0.9	0.9	0.4

1990 City & County of Honolulu based on November data. Residential refers to single-metered residential customers which may include condominiums for visitor use, but excludes master-metered apartment and condominium buildings which are classified as commercial customers.

Source: Hawaii State Department of Commerce and Consumer Affairs, Division of Consumer Advocacy, records; and monthly financial reports issued by utility companies (Hawaiian Electric Company, Maui Electric Company, Hawaii Electric Light Company and Kauai Island Utility Cooperative).

Table G-4. GAS SOLD BY PUBLIC UTILITIES

[In thousands of therms. Excludes bottled gas]

Year	State	Honolulu	Hawaii	Kauai	Maui
1990	34,806	31,645	2,297	58	806
1991	33,974	30,866	2,265	56	788
1992	33,662	30,528	2,278	69	787
1993	33,268	30,027	2,372	83	787
1994	34,010	30,762	2,338	93	816
1995	33,740	30,582	2,320	94	744
1996	33,531	30,339	2,360	88	743
1997	32,980	29,836	2,319	86	740
1998	33,095	29,930	2,307	86	772
1999	34,099	30,830	2,276	88	906
2000	34,820	31,619	2,214	88	900
2001	34,159	31,071	2,126	85	878
2002	33,974	30,852	2,182	87	853
2003	33,556	30,470	2,148	87	851
2004	34,241	31,011	2,275	90	864
2005	34,249	30,965	2,350	91	843
2006	34,340	30,936	2,496	92	816
2007	34,685	31,346	2,429	90	820
2008	33,100	29,920	2,301	90	789
2009	31,924	28,778	2,279	93	773
2010	32,279	28,974	2,274	140	891
2011	32,410	29,108	2,281	150	871
2012	32,320	28,895	2,363	156	905
2013	33,100	29,693	2,353	159	894
2014	33,118	29,691	2,349	158	920
2015	34,079	30,663	2,389	170	858
2016	35,513	32,035	2,465	184	829
Percentage Change from Previous Year					
1991	-2.4	-2.5	-1.4	-3.4	-2.2
1992	-0.9	-1.1	0.6	23.2	-0.1
1993	-1.2	-1.6	4.1	20.3	0.0
1994	2.2	2.4	-1.4	12.0	3.7
1995	-0.8	-0.6	-0.8	1.1	-8.8
1996	-0.6	-0.8	1.7	-6.4	-0.1
1997	-1.6	-1.7	-1.7	-2.3	-0.4
1998	0.3	0.3	-0.5	0.0	4.3
1999	3.0	3.0	-1.3	2.3	17.4
2000	2.1	2.6	-2.7	0.0	-0.7
2001	-1.9	-1.7	-4.0	-3.4	-2.4
2002	-0.5	-0.7	2.6	2.4	-2.8
2003	-1.2	-1.2	-1.6	0.0	-0.2
2004	2.0	1.8	5.9	3.4	1.5
2005	0.0	-0.1	3.3	1.1	-2.4
2006	0.3	-0.1	6.2	1.1	-3.2
2007	1.0	1.3	-2.7	-2.2	0.5
2008	-4.6	-4.5	-5.3	0.0	-3.8
2009	-3.6	-3.8	-1.0	3.3	-2.0
2010	1.1	0.7	-0.2	50.4	15.2
2011	0.4	0.5	0.3	6.9	-2.2
2012	-0.3	-0.7	3.6	4.1	3.9
2013	2.4	2.8	-0.5	2.3	-1.2
2014	0.1	0.0	-0.1	-0.9	2.9
2015	2.9	3.3	1.7	7.5	-6.8
2016	4.2	4.5	3.2	8.8	-3.4

Source: Hawaii State Department of Commerce and Consumer Affairs, Division of Consumer Advocacy, records.

H. Other

The number of registered voters increased significantly between 1990 and 2016 at 65.4 percent statewide, a rate much higher than the population growth. Maui County had the highest growth in voter registration at 114.2 percent, followed by Hawaii County at 102.2 percent, Kauai County at 63.2 percent and Honolulu at 52.7 percent.

Of the registered voters in the state, about 58.4 percent of them went to vote in the 2016 general election, a rate lower than the 61.9 percent in 2012, but higher than 52.3 percent in 2014. The voting rate, which was in the 77-83 percent range in 1990-1994 elections, declined to 67.9 percent in 1996, and stayed under 70 percent since then. The voting rate in 2016 was highest at 61.4 percent in Kauai County, followed by 58.5 percent in Honolulu, 58.4 in Hawaii County, and 56.4 percent in Maui County.

Statewide number of hospital beds was quite stable until 2010--averaging 2,562 beds between 1990 and 2010, but was 2,341 or about 9 percent lower during 2011-2015. From 1990 to 2015, Honolulu and Kauai counties experienced a decrease of 203 and 3 beds respectively, while Hawaii gained 52 beds and Maui 77 beds.

The number of recipients of temporary assistance to needy families decreased significantly every year until 2008. Although slight increases were observed in the following years, the number in 2016 was still much lower than in 1998 in all counties. Over the 1998 to 2016 period Honolulu declined 73.6 percent, Kauai 70.1 percent, Maui 55.2 percent and Hawaii 52.1 percent. The number of recipients of temporary

assistance to other needy families also dropped significantly for all the counties.

The average monthly number of individuals served by the food stamp program was the highest in 1996 for the state at 129,430 individuals until 2010. From the 1996 high the number dropped to 88,848 in 2007, then rose to 179,138 in 2016, for a 38.4 percent increase from the 1996 peak, and 101.6 percent increase from the 2007 low. Maui County had the largest increase in number of individuals served from the 1996 peak in at 105.4 percent, followed by Hawaii County (63.0 percent), Kauai County (38.2 percent), and Honolulu County (21.8 percent).

In 2015, there were a total of 1,233,523 vehicles registered in the state. From 1990 to 2015, the average increase in registered vehicles was 13,777 per year, with Honolulu at 6,727 per year, Hawaii County at 3,352 per year, Maui County at 2,658 per year, and 1,041 per year for Kauai.

There was an average of 69,800 crime cases a year statewide during the 1990-2005 period. However, it decreased by 15.6 percent to 52,910 cases during the 2006-2010 period. With a further decrease in crime cases in 2011 and 2012, there were 46,797 cases total in 2012, and after 3 years of increases were 48,919 in 2015. Honolulu accounted for 68.5 percent of the state total in 2015 at 33,522, followed by Maui at 6,562 per year (13.4 percent), Hawaii County at 7,096 (14.5 percent), Kauai County at 1,739 (3.6 percent). In 2015, the number of crime cases increased 1.8 percent in Honolulu and 4.0 percent in Maui while it declined 1.2 percent in Hawaii and 21.8 percent in Kauai.

Table H-1. VOTERS REGISTERED FOR THE GENERAL ELECTION

Year	State	Honolulu	Hawaii	Kauai	Maui
1990	453,389	326,452	55,940	27,162	43,835
1992	464,495	328,463	62,023	26,771	47,238
1994	488,889	349,457	63,677	27,719	48,036
1996	544,916	386,546	71,270	30,009	57,091
1998	601,404	423,875	77,726	33,063	66,740
2000	637,349	444,945	84,421	34,652	73,331
2002	676,242	470,327	89,478	37,392	79,045
2004	647,238	445,253	87,812	36,685	77,488
2006	662,728	452,168	91,596	38,326	80,638
2008	691,356	466,499	99,337	40,323	85,197
2010	690,748	464,387	101,009	40,129	85,223
2012	705,668	474,554	104,323	40,738	86,053
2014	706,890	472,556	105,138	41,869	87,327
2016	749,917	498,590	113,083	44,332	93,912
Percentage Change from Previous Period					
1992	2.4	0.6	10.9	-1.4	7.8
1994	5.3	6.4	2.7	3.5	1.7
1996	11.5	10.6	11.9	8.3	18.9
1998	10.4	9.7	9.1	10.2	16.9
2000	6.0	5.0	8.6	4.8	9.9
2002	6.1	5.7	6.0	7.9	7.8
2004	-4.3	-5.3	-1.9	-1.9	-2.0
2006	2.4	1.6	4.3	4.5	4.1
2008	4.3	3.2	8.5	5.2	5.7
2010	-0.1	-0.5	1.7	-0.5	0.0
2012	2.2	2.2	3.3	1.5	1.0
2014	0.2	-0.4	0.8	2.8	1.5
2016	6.1	5.5	7.6	5.9	7.5

1/ Includes Niihau.

Source: State of Hawaii, Office of Elections, records.

Table H-2. VOTES CAST IN THE GENERAL ELECTION

Year	State	Honolulu	Hawaii	Kauai	Maui
1990	354,144	252,605	44,799	21,626	35,106
1992	382,882	271,992	52,529	19,864	38,408
1994	377,011	269,121	48,907	22,394	36,589
1996	370,230	261,705	50,464	21,816	36,169
1998	412,520	291,114	53,658	24,366	43,382
2000	371,033	257,840	51,368	22,205	39,665
2002	385,462	270,071	50,368	23,464	41,554
2004	431,662	300,265	57,994	25,187	47,757
2006	348,988	239,753	48,684	21,334	38,980
2008	456,064	308,443	67,258	27,497	52,039
2010	385,464	266,187	53,867	23,009	42,322
2012	437,159	298,339	63,812	25,617	48,915
2014	369,703	249,436	50,158	24,043	46,005
2016	437,664	291,446	66,021	27,225	52,972
Percentage Change from Previous Period					
1992	8.1	7.7	17.3	-8.1	9.4
1994	-1.5	-1.1	-6.9	12.7	-4.7
1996	-1.8	-2.8	3.2	-2.6	-1.1
1998	11.4	11.2	6.3	11.7	19.9
2000	-10.1	-11.4	-4.3	-8.9	-8.6
2002	3.9	4.7	-1.9	5.7	4.8
2004	12.0	11.2	15.1	7.3	14.9
2006	-19.2	-20.2	-16.1	-15.3	-18.4
2008	30.7	28.7	38.2	28.9	33.5
2010	-15.5	-13.7	-19.9	-16.3	-18.7
2012	13.4	12.1	18.5	11.3	15.6
2014	-15.4	-16.4	-21.4	-6.1	-5.9
2016	18.4	16.8	31.6	13.2	15.1

Kauai County includes Niihau. State as shown includes overseas ballots not attributable to an individual county. The sum is higher therefore by 8 overseas ballots in 1990, 89 in 1992, 76 in 1996, 5 in 2002, 459 in 2004, 237 in 2006, 827 in 2008, 79 in 2010, and 476 in 2012, and 61 in 2014. In 2000 and 2002, State does not equal the sum of the counties although each is as extracted .

Source: State of Hawaii, Office of Elections, records.

Table H-3. HOSPITAL BEDS, ACUTE CARE

Year	State	Honolulu	Hawaii	Kauai	Maui
1990	2,532	2,017	236	114	165
1991	2,593	2,082	236	114	161
1992	2,583	2,069	239	114	161
1993	2,649	2,118	252	114	165
1994	2,600	2,076	251	114	159
1995	2,642	2,077	255	114	196
1996	2,633	2,090	235	114	194
1997	2,654	2,082	264	114	194
1998	2,619	2,053	250	108	208
1999	2,616	2,050	250	108	208
2000	2,561	1,992	253	110	206
2001	2,519	1,965	255	93	206
2002	2,462	1,939	222	95	206
2003	2,507	1,964	242	95	206
2004	2,464	1,932	238	95	199
2005	2,473	1,938	259	110	202
2006	2,503	1,976	246	105	196
2007	2,528	1,988	254	101	215
2008	2,532	1,983	237	100	212
2009	2,559	1,994	237	100	228
2010	2,573	1,988	257	100	228
2011	2,280	1,698	257	101	224
2012	2,313	1,728	251	101	233
2013	2,297	1,713	251	101	232
2014	2,362	1,783	253	101	225
2015	2,455	1,814	288	111	242
Percentage Change from Previous Period					
1991	2.4	3.2	0.0	0.0	-2.4
1992	-0.4	-0.6	1.3	0.0	0.0
1993	2.6	2.4	5.4	0.0	2.5
1994	-1.8	-2.0	-0.4	0.0	-3.6
1995	1.6	0.0	1.6	0.0	23.3
1996	-0.3	0.6	-7.8	0.0	-1.0
1997	0.8	-0.4	12.3	0.0	0.0
1998	-1.3	-1.4	-5.3	-5.3	7.2
1999	-0.1	-0.1	0.0	0.0	0.0
2000	-2.1	-2.8	1.2	1.9	-1.0
2001	-1.6	-1.4	0.8	-15.5	0.0
2002	-2.3	-1.3	-12.9	2.2	0.0
2003	1.8	1.3	9.0	0.0	0.0
2004	-1.7	-1.6	-1.7	0.0	-3.4
2005	0.4	0.3	8.8	15.8	1.5
2006	1.2	2.0	-5.0	-4.5	-3.0
2007	1.0	0.6	3.3	-3.8	9.7
2008	0.2	-0.3	-6.7	-1.0	-1.4
2009	1.1	0.6	0.0	0.0	7.5
2010	0.5	-0.3	8.4	0.0	0.0
2011	-11.4	-14.6	0.0	1.0	-1.8
2012	1.4	1.8	-2.3	0.0	4.0
2013	-0.7	-0.9	0.0	0.0	-0.4
2014	2.8	4.1	0.8	0.0	-3.0

Excludes Tripler Army Medical Center. State total revised for 2005 to 2007 but county data not available. State total does not equal the sum of unrevised county data.

Source: Hawaii State Department of Health, Hawaii State Health Planning & Development Agency, Health Care Utilization Report (annual) <<http://hawaii.gov/shpda>>; 2010 Report data and records.

Table H-4. RECIPIENTS OF TEMPORARY ASSISTANCE TO NEEDY FAMILIES (TANF)

Year	State	Honolulu	Hawaii	Kauai	Maui
1998	48,300	32,524	9,817	2,251	3,708
1999	45,540	30,630	9,164	2,125	3,621
2000	42,272	28,729	8,437	1,946	3,160
2001	37,741	25,565	7,815	1,683	2,678
2002	32,407	21,917	6,700	1,514	2,276
2003	26,960	18,100	5,515	1,198	2,147
2004	23,921	15,780	5,085	1,027	2,029
2005	21,549	14,176	4,671	820	1,882
2006	18,124	12,077	3,875	716	1,456
2007	16,079	10,574	3,514	637	1,354
2008	14,461	9,314	3,398	537	1,212
2009	14,678	9,078	3,679	559	1,362
2010	17,188	10,072	4,549	709	1,858
2011	21,206	11,656	6,215	886	2,449
2012	21,966	11,927	6,528	890	2,621
2013	22,053	11,972	6,516	925	2,640
2014	20,054	10,834	6,129	802	2,289
2015	18,232	9,883	5,635	739	1,975
2016	15,640	8,601	4,704	673	1,662
Percentage Change from Previous Period					
1999	-5.7	-5.8	-6.7	-5.6	-2.3
2000	-7.2	-6.2	-7.9	-8.4	-12.7
2001	-10.7	-11.0	-7.4	-13.5	-15.3
2002	-14.1	-14.3	-14.3	-10.0	-15.0
2003	-16.8	-17.4	-17.7	-20.9	-5.7
2004	-11.3	-12.8	-7.8	-14.3	-5.5
2005	-9.9	-10.2	-8.1	-20.2	-7.2
2006	-15.9	-14.8	-17.0	-12.7	-22.6
2007	-11.3	-12.4	-9.3	-11.0	-7.0
2008	-10.1	-11.9	-3.3	-15.7	-10.5
2009	1.5	-2.5	8.3	4.1	12.4
2010	17.1	10.9	23.6	26.8	36.4
2011	23.4	15.7	36.6	25.0	31.8
2012	3.6	2.3	5.0	0.5	7.0
2013	0.4	0.4	-0.2	3.9	0.7
2014	-9.1	-9.5	-5.9	-13.3	-13.3
2015	-9.1	-8.8	-8.1	-7.9	-13.7

Fiscal year ending June 30. Aid to Families with Dependant Children (AFDC) became TANF effective FY 1998. Beginning in 2003, data for Lanai are not available.

Source: Hawaii State Department of Human Services, Research, *A Statistical Report on Welfare in Hawaii* (annual).

**Table H-5. RECIPIENTS OF TEMPORARY ASSISTANCE
TO OTHER NEEDY FAMILIES (TAONF)**

Year	State	Honolulu	Hawaii	Kauai	Maui
1998	27,026	16,531	6,437	1,531	2,528
1999	30,543	19,032	6,977	1,721	2,813
2000	28,612	18,522	6,225	1,473	2,392
2001	24,963	16,749	5,095	1,239	1,880
2002	21,011	14,433	4,082	1,064	1,432
2003	16,207	11,488	2,846	704	1,169
2004	13,844	9,869	2,473	490	1,012
2005	11,833	8,587	2,179	315	752
2006	9,383	7,123	1,615	193	452
2007	8,731	6,498	1,628	180	425
2008	8,522	6,200	1,677	167	478
2009	9,489	6,170	2,297	224	798
2010	8,025	5,134	1,898	217	776
2011	6,172	4,120	1,367	138	547
2012	6,644	4,352	1,518	142	632
2013	6,544	4,453	1,378	108	605
2014	5,640	3,923	1,229	108	380
2015	4,991	3,629	997	133	232
2016	3,889	2,956	644	95	194
Percentage Change from Previous Period					
1999	13.0	15.1	8.4	12.4	11.3
2000	-6.3	-2.7	-10.8	-14.4	-15.0
2001	-12.8	-9.6	-18.2	-15.9	-21.4
2002	-15.8	-13.8	-19.9	-14.1	-23.8
2003	-22.9	-20.4	-30.3	-33.8	-18.4
2004	-14.6	-14.1	-13.1	-30.4	-13.4
2005	-14.5	-13.0	-11.9	-35.7	-25.7
2006	-20.7	-17.0	-25.9	-38.7	-39.9
2007	-6.9	-8.8	0.8	-6.7	-6.0
2008	-2.4	-4.6	3.0	-7.2	12.5
2009	11.3	-0.5	37.0	34.1	66.9
2010	-15.4	-16.8	-17.4	-3.1	-2.8
2011	-23.1	-19.8	-28.0	-36.4	-29.5
2012	7.6	5.6	11.0	2.9	15.5
2013	-1.5	2.3	-9.2	-23.9	-4.3
2014	-13.8	-11.9	-10.8	0.0	-37.2
2015	-11.5	-7.5	-18.9	23.1	-38.9
2016	-22.1	-18.5	-35.4	-28.6	-16.4

Fiscal year ending June 30. Aid to Families with Dependant Children- Unemployed Parent (AFDC-UP) became TANOF effective FY 1998. General Assistance (Family) was also added to TAONF. Beginning in 2003, data for Lanai are not available.

Source: Hawaii State Department of Human Services, Research, *A Statistical Report on Welfare in Hawaii* (annual).

Table H-6. AVERAGE MONTHLY NUMBER OF INDIVIDUALS SERVED BY THE FOOD STAMP PROGRAM

Year	State	Honolulu	Hawaii	Kauai	Maui
1990	79,496	53,543	17,226	3,232	5,495
1991	81,345	54,927	17,466	3,472	5,480
1992	89,465	59,547	19,482	4,111	6,325
1993	99,571	65,177	22,044	4,625	7,725
1994	111,409	72,911	24,603	5,194	8,701
1995	122,121	79,571	26,781	6,061	9,708
1996	129,430	83,960	28,298	6,739	10,433
1997	129,138	84,049	27,757	6,973	10,359
1998	122,215	78,032	27,081	6,911	10,191
1999	124,417	80,621	26,710	6,941	10,145
2000	120,467	79,622	25,177	6,330	9,338
2001	110,371	73,429	23,230	5,563	8,149
2002	106,748	70,826	22,348	5,664	7,910
2003	(NA)	69,101	21,634	5,392	(NA)
2004	99,128	65,014	21,145	5,029	7,940
2005	95,033	62,500	20,287	4,550	7,696
2006	88,968	58,923	18,894	4,217	6,934
2007	88,848	58,251	19,349	4,131	7,117
2008	93,956	60,135	21,378	4,205	8,058
2009	109,268	67,597	26,222	5,347	10,102
2010	133,043	80,002	32,289	7,207	13,545
2011	154,496	90,602	38,692	8,697	16,505
2012	172,675	99,836	43,279	9,844	19,716
2013	187,062	107,668	46,392	9,980	23,022
2014	193,565	111,483	48,479	9,961	23,642
2015	191,918	109,992	49,059	9,577	23,290
2016	179,138	102,263	46,134	9,314	21,427
Percentage Change from Previous Period					
1991	2.3	2.6	1.4	7.4	-0.3
1992	10.0	8.4	11.5	18.4	15.4
1993	11.3	9.5	13.2	12.5	22.1
1994	11.9	11.9	11.6	12.3	12.6
1995	9.6	9.1	8.9	16.7	11.6
1996	6.0	5.5	5.7	11.2	7.5
1997	-0.2	0.1	-1.9	3.5	-0.7
1998	-5.4	-7.2	-2.4	-0.9	-1.6
1999	1.8	3.3	-1.4	0.4	-0.5
2000	-3.2	-1.2	-5.7	-8.8	-8.0
2001	-8.4	-7.8	-7.7	-12.1	-12.7
2002	-3.3	-3.5	-3.8	1.8	-2.9
2003	(NA)	-2.4	-3.2	-4.8	(NA)
2004	(NA)	-5.9	-2.3	-6.7	(NA)
2005	-4.1	-3.9	-4.1	-9.5	-3.1
2006	-6.4	-5.7	-6.9	-7.3	-9.9
2007	-0.1	-1.1	2.4	-2.0	2.6
2008	5.7	3.2	10.5	1.8	13.2
2009	16.3	12.4	22.7	27.2	25.4
2010	21.8	18.4	23.1	34.8	34.1
2011	16.1	13.2	19.8	20.7	21.9
2012	11.8	10.2	11.9	13.2	19.5
2013	8.3	7.8	7.2	1.4	16.8
2014	3.5	3.5	4.5	-0.2	2.7
2015	-0.9	-1.3	1.2	-3.9	-1.5
2016	-6.7	-7.0	-6.0	-2.7	-8.0

NA Not available. Lanai Island data not available.

Source: Hawaii State Department of Human Services, Research, *A Statistical Report on Welfare in Hawaii* (annual) and records.

Table H-7. MOTOR VEHICLES REGISTERED

Year	State	Honolulu	Hawaii	Kauai	Maui
1990	889,096	612,742	110,834	55,927	109,593
1991	897,193	613,119	113,265	57,751	113,058
1992	885,761	611,513	113,080	51,165	110,003
1993	880,152	604,602	111,138	54,068	110,344
1994	875,144	600,087	111,532	52,817	110,708
1995	877,756	601,239	111,624	52,364	112,529
1996	884,617	598,772	115,647	52,984	117,214
1997	884,267	595,121	118,364	53,904	116,878
1998	893,427	594,096	121,959	56,554	120,818
1999	906,935	597,610	126,039	57,882	125,404
2000	941,242	614,985	132,305	61,316	132,636
2001	967,146	631,232	136,786	62,655	136,473
2002	987,598	643,810	142,150	63,580	138,058
2003	1,030,845	667,565	150,983	67,312	144,985
2004	1,072,211	688,163	159,627	71,517	152,904
2005	1,119,838	714,604	169,396	75,561	160,277
2006	1,127,467	719,606	173,786	74,734	159,341
2007	1,134,542	722,486	176,386	75,594	160,076
2008	1,127,567	719,640	175,166	74,344	158,417
2009	1,117,790	718,253	172,209	73,847	153,481
2010	1,120,080	720,267	171,974	73,563	154,276
2011	1,181,148	755,425	181,931	78,373	165,419
2012	1,278,233	814,361	197,273	85,292	181,307
2013	1,341,152	848,567	208,624	90,351	193,610
2014	1,284,193	816,738	199,336	85,652	182,467
2015	1,233,523	780,909	194,633	81,947	176,034
Percentage Change from Previous Period					
1991	0.9	0.1	2.2	3.3	3.2
1992	-1.3	-0.3	-0.2	-11.4	-2.7
1993	-0.6	-1.1	-1.7	5.7	0.3
1994	-0.6	-0.7	0.4	-2.3	0.3
1995	0.3	0.2	0.1	-0.9	1.6
1996	0.8	-0.4	3.6	1.2	4.2
1997	0.0	-0.6	2.3	1.7	-0.3
1998	1.0	-0.2	3.0	4.9	3.4
1999	1.5	0.6	3.3	2.3	3.8
2000	3.8	2.9	5.0	5.9	5.8
2001	2.8	2.6	3.4	2.2	2.9
2002	2.1	2.0	3.9	1.5	1.2
2003	4.4	3.7	6.2	5.9	5.0
2004	4.0	3.1	5.7	6.2	5.5
2005	4.4	3.8	6.1	5.7	4.8
2006	0.7	0.7	2.6	-1.1	-0.6
2007	0.6	0.4	1.5	1.2	0.5
2008	-0.6	-0.4	-0.7	-1.7	-1.0
2009	-0.9	-0.2	-1.7	-0.7	-3.1
2010	0.2	0.3	-0.1	-0.4	0.5
2011	5.5	4.9	5.8	6.5	7.2
2012	8.2	7.8	8.4	8.8	9.6
2013	4.9	4.2	5.8	5.9	6.8
2014	-4.2	-3.8	-4.5	-5.2	-5.8
2015	-3.9	-4.4	-2.4	-4.3	-3.5

Taxable and exempt vehicles. Includes passenger cars, ambulances, buses, trucks, motorcycles and vehicles registered but subsequently scrapped or shipped out-of-State. Excludes trailers and semi-trailers.

Source: Hawaii State Department of Transportation, Safe Communities Program, records.

Table H-8. ACTUAL INDEX OFFENSES KNOWN TO THE POLICE

Year	State	Honolulu	Hawaii	Kauai	Maui
1990	68,121	51,342	7,517	2,605	6,657
1991	68,115	51,294	7,278	2,385	7,158
1992	71,258	53,826	6,940	2,502	7,990
1993	73,566	56,405	6,880	2,346	7,935
1994	78,763	60,825	7,116	2,365	8,457
1995	85,447	67,145	7,074	2,637	8,591
1996	77,961	60,059	6,855	2,977	8,070
1997	71,492	53,410	7,317	2,849	7,916
1998	63,623	47,453	6,757	2,263	7,150
1999	57,324	42,678	5,815	2,076	6,755
2000	62,987	46,659	6,425	2,578	7,325
2001	65,947	48,442	6,985	2,346	8,174
2002	75,238	57,271	6,936	3,045	7,986
2003	69,267	50,912	7,133	3,043	8,179
2004	63,665	46,628	6,219	2,701	8,117
2005	64,067	44,953	8,278	2,221	8,615
2006	58,347	41,055	6,760	2,711	7,821
2007	56,411	39,810	6,369	3,008	7,224
2008	49,454	34,356	5,935	2,792	6,371
2009	51,066	35,912	6,211	2,895	6,048
2010	49,270	34,216	5,769	2,722	6,563
2011	47,340	32,982	5,201	2,861	6,296
2012	46,797	31,781	5,799	2,803	6,414
2013	48,569	33,820	5,833	2,762	6,154
2014	48,651	32,936	7,182	2,224	6,309
2015	48,919	33,522	7,096	1,739	6,562
Percentage Change from Previous Period					
1991	0.0	-0.1	-3.2	-8.4	7.5
1992	4.6	4.9	-4.6	4.9	11.6
1993	3.2	4.8	-0.9	-6.2	-0.7
1994	7.1	7.8	3.4	0.8	6.6
1995	8.5	10.4	-0.6	11.5	1.6
1996	-8.8	-10.6	-3.1	12.9	-6.1
1997	-8.3	-11.1	6.7	-4.3	-1.9
1998	-11.0	-11.2	-7.7	-20.6	-9.7
1999	-9.9	-10.1	-13.9	-8.3	-5.5
2000	9.9	9.3	10.5	24.2	8.4
2001	4.7	3.8	8.7	-9.0	11.6
2002	14.1	18.2	-0.7	29.8	-2.3
2003	-7.9	-11.1	2.8	-0.1	2.4
2004	-8.1	-8.4	-12.8	-11.2	-0.8
2005	0.6	-3.6	33.1	-17.8	6.1
2006	-8.9	-8.7	-18.3	22.1	-9.2
2007	-3.3	-3.0	-5.8	11.0	-7.6
2008	-12.3	-13.7	-6.8	-7.2	-11.8
2009	3.3	4.5	4.7	3.7	-5.1
2010	-3.5	-4.7	-7.1	-6.0	8.5
2011	-3.9	-3.6	-9.8	5.1	-4.1
2012	-1.1	-3.6	11.5	-2.0	1.9
2013	3.8	6.4	0.6	-1.5	-4.1
2014	0.2	-2.6	23.1	-19.5	2.5
2015	0.6	1.8	-1.2	-21.8	4.0

Index Offenses include murder, forcible rape, robbery, aggravated assault, burglary, larceny-theft, and motor vehicle theft. Excludes negligent manslaughter and arson 1993 to 2012.

Source: Hawaii State Department of the Attorney General, Crime Prevention and Justice Assistance Division, *Uniform Crime Reports* (annual) <<http://ag.hawaii.gov/cpja/rs/cih/>>.



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