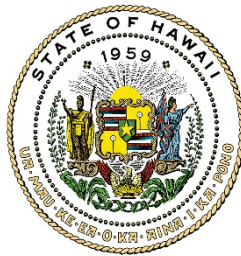
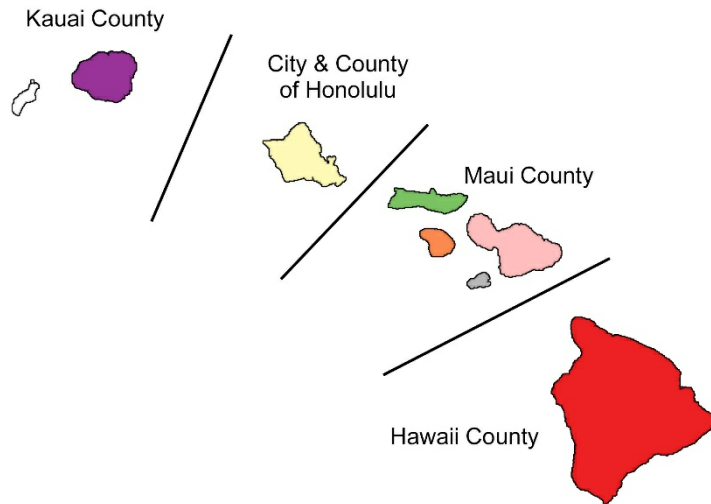




COUNTY SOCIAL, BUSINESS AND ECONOMIC TRENDS IN HAWAII

1990 - 2019



December 2020

This report presents annual statistics on social, business and economic trends for the State and each of its four counties, from 1990 to 2019.

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 eleventh 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);
- *County Social, Business and Economic Trends in Hawaii: 1990 – 2016* (December 2017);
- *County Social, Business and Economic Trends in Hawaii: 1990 – 2017* (December 2018);
- *County Social, Business and Economic Trends in Hawaii: 1990 – 2018* (December 2019); and
- *County Social, Business and Economic Trends in Hawaii: 1990 – 2019* (December 2020).

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Introduction and Overview

This report presents annual statistics on social, business and economic trends for the State and each of its four counties. DBEDT published its first report on county trends in 1976, and another one in 1992. The report was resumed in the current format in 2007 and has been updated annually since then except 2010, 2012, and 2016. This report is the eleventh in the resumed series.

The present report consists of seventy-seven statistical series selected to track major social, business, and economic trends in the State and its counties, from 1990 to 2019. 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”](#) and the [Quarterly Statistical & Economic Report \(QSER\)](#) respectively. Other annual data may be found in the [State of Hawaii Data Book](#).

Key Statistics Included in This Report

Resident population for the state grew by 27.2 percent from 1990 to 2019. In terms of annual growth, Hawaii resident population grew 0.8 percent on average between 1990 and 2019. The City & County of Honolulu experienced slower annual growth at 0.5 percent, Hawaii County grew at 1.8 percent, Maui County at 1.7 percent and Kauai County at 1.2 percent per year.

Statewide resident births totaled 16,774 in 2019, 17.9 percent fewer than total births in

1990. Honolulu and Kauai counties had 21.3 percent and 17.4 percent respectively fewer births in 2019 than in 1990. Hawaii and Maui had 7.9 percent and 3.0 percent respectively fewer total births in 2019 than in 1990.

Total deaths in the state were 11,345 in 2019. This represents a 1.8 percent annual average increase between 1990 and 2019. In 2019, the natural population change (births less deaths) was an increase of 5,429.

Statewide housing units increased 41.2 percent from 1990 and reached 550,273 in 2019. Hawaii County had the highest growth at 85.2 percent, followed by Kauai County at 79.3 percent, Maui County at 76.7 percent, and Honolulu County at 25.9 percent.

The civilian labor force grew slower than the resident population. The statewide labor force increased by 114,100 persons from 1990 to 2019, for a 0.7 percent annual average increase. Honolulu experienced the slowest increase at 0.3 percent a year. Hawaii County grew at the highest rate or 1.5 percent per year, followed by Maui County at 1.4 percent, and Kauai County at 1.2 percent.

The statewide unemployment rate 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 2017 at 2.4 percent.

Total wage and salary jobs increased by 122,250 from 1990 to 2019, an annual average growth of 0.7 percent or 4,200 jobs a year on average. County level data on agriculture jobs are not available beyond 2011. Non-agricultural wage and salary jobs statewide increased 127,300 jobs or 4,400 per

year from 1990 to 2019. Honolulu County gained 61,100 jobs, or 2,100 jobs per year, followed by Maui County 31,900 jobs, or 1,100 jobs per year, Hawaii County 25,200 jobs, or 850 jobs per year, and Kauai County 9,100 jobs, or 300 jobs per year.

Over the 1990-2019 period, jobs in the statewide non-agricultural private sector showed an average increase of 0.8 percent, while in Honolulu County 0.5 percent, Maui County 1.8 percent, Hawaii County 1.4 percent and Kauai County 1.1 percent.

Gross Domestic Product (GDP) by County in current and constant 2012 dollars is available for 2001 to 2019. Over that period, average annual GDP growth for the state was 4.5 percent, 5.1 percent for Honolulu, 4.4 percent for Hawaii County, 4.9 percent for Kauai County, and 5.0 percent for Maui County.

Total statewide personal income increased at an average 4.1 percent annually between 1990 and 2019. County increases ranged from 3.8 percent to 5.2 percent. From 1990 to 2019, annual average per capita personal income growth was led by Kauai County at 3.6 percent.

In 2018, the Hawaii Department of Taxation discontinued reporting some tax categories, e.g. individual income tax and general excise and use tax (GET) components, on a 'location of filer' basis for the counties but the state-level data continue to be available.

Net individual income tax revenues statewide, from 1990 to 2019 increased 261.1 percent for an annual average of 4.5 percent.

Statewide total GET tax revenues increased an annual average 3.7 percent over the 1990 to 2019 period. The base for the tax increased at 3.6 percent rate.

Statewide the GET base for retail sales totaled \$36.4 billion in 2018 and \$37.5 billion in 2019, for a year-over-year increase of 3.0 percent and an annual average increase of 3.8 percent for 1990 to 2019.

Statewide GET base for services grew an annual average of 4.9 percent from 1990 to 2019.

Reflecting the economic recovery started in 2010, the GET base for contracting increased annually 2011 through 2019, excepting a single decline in 2014. By 2019, the contracting tax base totaled \$9.6 billion, 19.0 percent higher than the 2007 peak and 71.9 percent higher than the 2010 low.

The statewide hotel rentals tax base (value of hotel room sales) reached \$5.9 billion in 2019, representing a 278.1 percent increase from 1990, and a 4.7 percent annual average increase over 1990.

A global recession was reflected in a drop in visitor arrivals by air to 6.4 million in 2009. Visitor arrivals then rebounded in 2010 and have shown an average 4.5 percent annual increase from 2010 to 2019 reaching a record high of 10.2 million in 2019.

On a typical day in 2019, there were 245,733 visitors in the state. In other words, for every six persons in the state, one was a visitor. In Honolulu County, the ratio was one per nine, Hawaii County one per six, in Kauai County one per three and Maui County one per two. All counties experienced increases in the daily visitor census from 1990 to 2019 but the increase was greatest in Hawaii County.

The number of visitor accommodation units rose 2,341 units in Honolulu County between 1990 and 2019, Maui County gained 3,904

units, Hawaii County added 1,553 units, Kauai County increased 1,490 units.

The statewide hotel occupancy rate's lowest level since 1990 occurred in 2009 at 64.8 percent. The Hawaii tourism market started rapid recovery in 2010. Statewide hotel occupancy gradually increased to 80.3 percent in 2018 and peaked at 81.2 percent in 2019. Occupancy on Oahu was 84.2 percent in 2019, Maui County at 77.7 percent, Hawaii County at 77.1 percent, and Kauai County at 76.3 percent.

Statewide, the hotel room rate more than doubled between 1990 and 2019, reaching \$282.41. In 2019, the average daily hotel room rate was the highest in Maui County at \$399.50 a night due to the larger share of luxury hotel rooms. Honolulu County had the lowest average room rate at \$240.46 a night. The statewide room rate increased by 3.6 percent annually on average over the period with the largest rise in Maui County at 4.0 percent, followed by Kauai County at 3.9 percent, Honolulu County at 3.3 percent, and Hawaii County at 2.6 percent annually.

The cumulative value of private building permits from 1990 to 2019 was \$70.4 billion statewide, with the important caveat that since late 2001, only residential permits for Kauai County have been available for compilation. Of that \$70.4 billion, 37.6 percent was residential, 10.9 percent was commercial and industrial, and 51.4 percent was additions and alterations. Also, over the period, 57.4 percent of the permit value was for Honolulu County, 20.2 percent for Hawaii County, 16.2 percent for Maui, and 6.2 percent for Kauai County (residential only since late 2001).

According to the surveys conducted by the U.S. Census Bureau, Hawaii had 32,952

business establishments with payrolls in 2018. That figure represents an increase of 3,639 establishments over 1990. Maui County had the largest increase in business establishments at 1,510 followed by Hawaii County at 811 and Kauai County at 668, and Honolulu County gained 426. Establishments classified as Statewide, increased by 224 over the 1990-2018 period.

In a Hawaii State Department of Labor & Industrial Relations survey of the 42,823 private employers in the state in 2019, Oahu accounted for 67.1 percent, Maui 14.0 percent, Hawaii 12.8 percent, and Kauai 6.1 percent. All counties experienced increases in number of private employers between 1990 and 2019. 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, the total value of sales declined 72.9 percent and 56.9 percent, respectively between 1990 and 2009. The total statewide sales value was \$44.2 million in 2008 and 2009, rising and falling in the first half of the decade, to peak in 2013 at \$77.7 million and fall to \$54.4 million in 2016, the final year of operation.

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

As an indication of diversified agriculture, the value of crop sales other than sugar and pineapple increased significantly from 1990 to 2011. The value of sales reached \$524.8 million statewide in 2011 but beginning in

2012, there was a series of annual declines to reach a value of \$391.3 million in 2016.

Water consumption increased statewide from 2018 to 2019 by 176 million gallons or 0.2 percent. Hawaii County saw the biggest increase of 324 million gallons or 3.6 percent; Honolulu County consumption increased 21 million gallons or (rounded to) 0.0 percent, declines were seen in Kauai County of 94 million gallons or 2.3 percent and Maui County of 75 million gallons or 0.6 percent over the previous year.

Statewide electricity sales in 2019 was 9,201 million KWH, or 10.7 percent higher than in 1990, but 13.1 percent lower than sales in the peak year 2007. As compared with 2018, a net statewide increase of 61 million KWH was due to a slight decline in 2019 sales in Hawaii County but increases in the others.

The number of total residential electricity customers increased to 439,022 in 2019 or by 37.1 percent between 1990 and 2019. Honolulu gained 53,791 customers, Hawaii County 32,977, Maui County increased by 22,330, and Kauai County had 9,709 more electricity customers in 2019 than in 1990.

Statewide utility gas sales were fairly level during the 1990 to 2019 period. Sales statewide were 6.5 percent higher in 2019 than 1990 for an average annual increase of 0.2 percent. While Honolulu, Hawaii and Maui counties showed annual average increases of 0.5 percent or less over the 1990 to 2019 period, Kauai County had an average 4.7 percent annual increase in that period.

The number of registered voters increased significantly between 1990 and 2018 at 66.9 percent statewide, a rate much higher than the population growth. Maui County had the highest growth in voter registration at 120.6

percent. However, of the registered voters in the state, about 52.7 percent of them went to vote in the 2018 general election. The voting rates across the counties were between 51.5 and 58.1 percent in 2018.

Statewide number of hospital beds was quite stable until 2010--averaging 2,562 beds from 1990 to 2010. The statewide number was 200-300 lower during 2011 – 2014, but the number increased to about 2,500 during 2014-2018.

The number of recipients of temporary assistance to needy families decreased every year since 1998, except 2010-2013. The number of recipients statewide declined from 48,300 in 1998 to 10,153 in 2019. The greatest decline from 1998 to 2019 was in Honolulu at 82.8 percent, followed by Kauai 79.9 percent, Maui 71.7 percent and Hawaii 69.0 percent. The number of recipients of temporary assistance to other needy families also dropped for all the counties.

The average monthly number served by the food stamp program in 1996 statewide peaked at 129,430 individuals. From the 1996 high the number dropped to 88,848 in 2007, peaked in 2014 at 193,565 then fell annually to 158,628 in 2019. 2019 saw 22.6 percent increase from the 1996 peak, 78.5 percent increase from the 2007 low, and an 18.0 percent decline from the 2014 peak.

In 2018, there 1,267,136 vehicles registered in the state. From 1990 to 2018, the average increase was 13,501 per year.

There was an average of 69,803 crime cases a year statewide during the 1990-2005 period, decreasing during the 2006-2012 period to 46,797 cases in 2012, then 3 years of increases, and a decline in 2017 to 43,969.

A. Population and Housing

Resident population for the state grew by 27.2 percent from 1990 to 2019. Leading the growth was Hawaii County at 65.8 percent followed by Maui County at 64.7 percent. Resident population in Kauai County grew by 39.9 percent, and Honolulu County saw the slowest growth at 16.2 percent during the same period. In terms of annual growth, Hawaii resident population grew 0.8 percent on average between 1990 and 2019. The City & County of Honolulu experienced slower annual growth at 0.5 percent, Hawaii County grew at 1.8 percent, Maui County at 1.7 percent and Kauai County at 1.2 percent per year.

Due to the difference in relative growth, by 2019, Honolulu County accounted for 68.8 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 14.2 percent in 2019. Maui County also gained population share from 9.1 percent in 1990 to 11.8 percent in 2019. Kauai County's population share increased from 4.6 percent in 1990 to 5.1 percent in 2019.

The state's defacto population, defined as the resident population plus the number of visitors present less the number of residents out-of-state, increased by an annual average of 11,544 persons from 1990 to 2019, or an

average of 1,117 persons a year faster than the increase in resident population.

Statewide resident births totaled 16,774 in 2019, 17.9 percent fewer than total births in 1990. Honolulu and Kauai counties had 21.3 percent and 17.4 percent respectively fewer births in 2019 than in 1990. Hawaii and Maui had 7.9 percent and 3.0 percent respectively fewer total births in 2019 than in 1990.

Total deaths in the state were 11,345 in 2019. This represents a 1.8 percent annual average increase between 1990 and 2019. In 2019, the natural population change (births less deaths) was an increase of 5,429.

Statewide housing units increased 41.2 percent from 1990 and reached 550,273 in 2019. Hawaii County registered the highest growth at 85.2 percent, followed by Kauai County at 79.3 percent, and Maui County at 76.7 percent. The growth of housing units in Honolulu County was much smaller at 25.9 percent over the same twenty-nine-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. In 2019, Honolulu County accounted for 64.5 percent of total state housing units, Hawaii County had 16.2 percent; Maui County had 13.6 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	1,363,963	956,285	185,363	67,205	155,110
2011	1,379,329	967,336	187,079	67,888	157,026
2012	1,394,804	977,994	189,161	68,671	158,978
2013	1,408,243	986,059	191,459	69,632	161,093
2014	1,414,538	987,414	193,711	70,288	163,125
2015	1,422,052	991,064	195,975	71,021	163,992
2016	1,427,559	992,268	198,316	71,537	165,438
2017	1,424,393	986,353	199,981	71,827	166,232
2018	1,420,593	979,858	201,509	72,168	167,058
2019	1,415,872	974,563	201,513	72,293	167,503
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	1.1	1.2	0.9	1.0	1.2
2012	1.1	1.1	1.1	1.2	1.2
2013	1.0	0.8	1.2	1.4	1.3
2014	0.4	0.1	1.2	0.9	1.3
2015	0.5	0.4	1.2	1.0	0.5
2016	0.4	0.1	1.2	0.7	0.9
2017	-0.2	-0.6	0.8	0.4	0.5
2018	-0.3	-0.7	0.8	0.5	0.5
2019	-0.3	-0.5	0.0	0.2	0.3

Source: U.S. Bureau of Economic Analysis, Interactive Data Local Area Personal Income and Employment, CAINCI "Personal Income Summary: Personal Income, Population, Per Capita Personal Income"
<http://www.bea.gov/iTable/iTable.cfm?reqid=70&step=1&isuri=1&acrdn=7#reqid=70&step=1&isuri=1>
 accessed December 2, 2020.

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	1,468,695	988,367	202,412	83,186	194,730
2011	1,491,290	1,001,509	205,716	85,195	198,870
2012	1,520,086	1,020,778	209,495	87,281	202,532
2013	1,542,173	1,032,428	212,685	89,574	207,486
2014	1,555,857	1,038,245	215,934	90,388	211,290
2015	1,573,597	1,046,734	219,889	92,269	214,705
2016	1,582,141	1,048,628	222,352	93,138	218,023
2017	1,590,764	1,047,095	227,746	95,011	220,912
2018	1,595,288	1,044,577	228,086	97,140	225,485
2019	1,592,089	1,040,171	228,358	96,347	227,213
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	1.7	1.7	1.3	2.9
2011	1.5	1.3	1.6	2.4	2.1
2012	1.9	1.9	1.8	2.4	1.8
2013	1.5	1.1	1.5	2.6	2.4
2014	0.9	0.6	1.5	0.9	1.8
2015	1.1	0.8	1.8	2.1	1.6
2016	0.5	0.2	1.1	0.9	1.5
2017	0.5	-0.1	2.4	2.0	1.3
2018	0.3	-0.2	0.1	2.2	2.1
2019	-0.2	-0.4	0.1	-0.8	0.8

Source: Hawaii State Department of Business, Economic Development & Tourism, *State of Hawaii Data Book 2019*, Table 1.09 as updated <<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
2017	17,473	12,451	2,281	845	1,880
2018	16,940	12,134	2,231	739	1,820
2019	16,774	12,105	2,051	781	1,829
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
2017	-3.0	-3.8	-2.8	0.4	0.0
2018	-3.1	-2.5	-2.2	-12.5	-3.2
2019	-1.0	-0.2	-8.1	5.7	0.5

County births may not sum to state total due to births of location not attributed to a county.

Source: Hawaii State Department of Business, Economic Development & Tourism, State of Hawaii Data Book 2019, 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
2017	11,182	7,655	1,784	588	1,125
2018	11,238	7,796	1,722	563	1,139
2019	11,345	7,651	1,803	609	1,241
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	-0.4	-5.8	-3.0
2002	4.8	4.0	10.6	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
2017	4.3	2.9	6.2	6.9	6.9
2018	0.5	1.8	-3.5	-4.3	1.2
2019	1.0	-1.9	4.7	8.2	9.0

County deaths may not sum to state total due to deaths of location not attributed to a county.
 Source: Hawaii State Department of Business, Economic Development & Tourism, *State of Hawaii Data Book 2019*, 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	520,088	337,111	82,476	29,917	70,584
2011	523,213	338,800	83,515	30,072	70,826
2012	525,678	340,338	84,158	30,178	71,004
2013	528,391	341,878	84,748	30,292	71,473
2014	531,961	344,309	85,428	30,434	71,790
2015	534,723	345,694	86,329	30,609	72,091
2016	539,757	349,261	87,152	30,794	72,550
2017	542,815	350,724	88,073	30,943	73,075
2018	545,974	352,490	88,365	31,232	73,887
2019	550,273	354,677	89,346	31,577	74,673
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	0.6	0.5	1.3	0.5	0.3
2012	0.5	0.5	0.8	0.4	0.3
2013	0.5	0.5	0.7	0.4	0.7
2014	0.7	0.7	0.8	0.5	0.4
2015	0.5	0.4	1.1	0.6	0.4
2016	0.9	1.0	1.0	0.6	0.6
2017	0.6	0.4	1.1	0.5	0.7
2018	0.6	0.5	0.3	0.9	1.1
2019	0.8	0.6	1.1	1.1	1.1

Various housing unit estimates (2010 to 2019) are revised based on Census Bureau data released in May 2020.

Source: Hawaii State Department of Business, Economic Development & Tourism, *State of Hawaii*

Data Book 2019, 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. The state level labor force increased by 114,100 persons from 1990 to 2019, for a 0.7 percent annual average growth. Honolulu County experienced the slowest growth at 0.3 percent a year. Hawaii County had the fastest growth rate at 1.5 percent per year, followed by Maui County at 1.4 percent, and Kauai County at 1.2 percent a year.

The number of civilian employed grew slower than the labor force from 1990 to 2019. Between 1990 and 2019, statewide employment increased at an average of 3,800 per year, for a 0.6 percent annual growth on average, with the highest growth in Hawaii County at 1.6 percent.

The Statewide unemployment rate fluctuated along with business cycles during the period. The highest rate was observed in 2009 at 7.2 percent statewide with 6.0 percent in Honolulu County and 3 to 4 percentage points higher in the neighbor island counties. Unemployment rates started to decline in 2010 statewide and in all neighbor island counties but not until 2011 in Honolulu County. In 2019, the statewide rate was 2.7 percent, Honolulu and Maui tied for lowest at 2.6 percent, Kauai at 2.7 percent and Hawaii County the highest at 3.4 percent.

Total wage and salary jobs increased by 122,250 from 1990 to 2019, 0.7 percent

annual average increase or 4,200 jobs a year on average. Compared with 1990, non-agricultural industries had 127,300 more wage and salary jobs in 2019, while the agriculture sector had 5,050 fewer jobs.

The focus for analysis is “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.

Total non-agricultural wage and salary jobs increased 127,300 jobs or 4,400 per year between 1990 and 2019. Honolulu County gained 61,100 jobs, or 2,100 jobs per year, followed by Maui County 31,900 jobs, or 1,100 jobs per year, Hawaii County 25,200 jobs, or 850 jobs per year, and Kauai County 9,100 jobs, or 300 jobs per year.

Over the 1990-2019 period jobs in the statewide non-agricultural private sector showed an average increase of 0.8 percent, Honolulu County 0.5 percent, Maui County 1.8 percent, Hawaii County 1.4 percent and Kauai County 1.1 percent.

Statewide, all industries experienced gains in wage and salary jobs between 1990 and 2019 except agriculture, manufacturing, information, and financial activities.

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	444,200	88,400	34,900	79,750
2011	660,250	454,000	89,450	35,550	81,250
2012	647,200	445,700	86,900	34,550	80,000
2013	651,550	449,050	87,000	34,750	80,800
2014	665,450	458,000	88,650	35,450	83,400
2015	673,800	462,750	89,900	36,000	85,150
2016	683,200	466,150	93,050	36,800	87,200
2017	683,800	464,750	93,550	37,200	88,300
2018	675,200	458,050	92,450	36,600	88,100
2019	665,000	450,550	91,150	36,550	86,750
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	1.0	5.4	9.1	4.9
2011	2.0	2.2	1.2	1.9	1.9
2012	-2.0	-1.8	-2.9	-2.8	-1.5
2013	0.7	0.8	0.1	0.6	1.0
2014	2.1	2.0	1.9	2.0	3.2
2015	1.3	1.0	1.4	1.6	2.1
2016	1.4	0.7	3.5	2.2	2.4
2017	0.1	-0.3	0.5	1.1	1.3
2018	-1.3	-1.4	-1.2	-1.6	-0.2
2019	-1.5	-1.6	-1.4	-0.1	-1.5

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	417,650	79,750	31,900	73,000
2011	615,300	427,200	80,750	32,550	74,900
2012	608,300	421,550	79,750	32,100	74,900
2013	619,700	429,000	81,250	32,800	76,650
2014	636,500	439,300	83,800	33,750	79,650
2015	649,800	447,200	86,000	34,600	82,050
2016	663,050	453,150	89,700	35,650	84,550
2017	667,150	453,900	90,900	36,300	86,050
2018	658,250	447,000	89,650	35,650	85,950
2019	646,950	438,950	88,000	35,550	84,450
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	1.1	5.8	10.6	5.6
2011	2.2	2.3	1.3	2.0	2.6
2012	-1.1	-1.3	-1.2	-1.4	0.0
2013	1.9	1.8	1.9	2.2	2.3
2014	2.7	2.4	3.1	2.9	3.9
2015	2.1	1.8	2.6	2.5	3.0
2016	2.0	1.3	4.3	3.0	3.0
2017	0.6	0.2	1.3	1.8	1.8
2018	-1.3	-1.5	-1.4	-1.8	-0.1
2019	-1.7	-1.8	-1.8	-0.3	-1.7

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	31,850	20,050	5,750	1,950	4,150
2014	28,950	18,750	4,850	1,700	3,700
2015	24,000	15,600	3,900	1,400	3,100
2016	20,150	13,000	3,350	1,150	2,650
2017	16,650	10,850	2,650	900	2,250
2018	16,950	11,050	2,800	950	2,150
2019	18,000	11,650	3,150	1,000	2,250
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	-18.1	-17.0	-19.6	-22.0	-18.6
2014	-9.1	-6.5	-15.7	-12.8	-10.8
2015	-17.1	-16.8	-19.6	-17.6	-16.2
2016	-16.0	-16.7	-14.1	-17.9	-14.5
2017	-17.4	-16.5	-20.9	-21.7	-15.1
2018	1.8	1.8	5.7	5.6	-4.4
2019	6.2	5.4	12.5	5.3	4.7

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

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	9.8	8.6	8.5
2011	6.8	5.9	9.7	8.5	7.8
2012	6.0	5.4	8.2	7.2	6.4
2013	4.9	4.5	6.6	5.6	5.1
2014	4.4	4.1	5.5	4.7	4.5
2015	3.6	3.4	4.3	3.9	3.6
2016	3.0	2.8	3.6	3.1	3.0
2017	2.4	2.3	2.8	2.4	2.6
2018	2.5	2.4	3.0	2.5	2.4
2019	2.7	2.6	3.4	2.7	2.6
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	-0.4	-1.2	-0.6
2011	-0.1	-0.1	-0.1	-0.1	-0.7
2012	-0.8	-0.5	-1.5	-1.3	-1.4
2013	-1.1	-0.9	-1.6	-1.6	-1.3
2014	-0.5	-0.4	-1.1	-0.9	-0.6
2015	-0.8	-0.7	-1.2	-0.8	-0.9
2016	-0.6	-0.6	-0.7	-0.8	-0.6
2017	-0.6	-0.5	-0.8	-0.7	-0.4
2018	0.1	0.1	0.2	0.1	-0.2

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	537,950	413,000	49,000	25,250	50,850
1991	548,650	417,750	51,650	26,350	52,850
1992	552,100	420,200	51,400	25,700	54,900
1993	547,350	416,900	50,900	23,450	56,200
1994	544,100	413,400	50,250	23,950	56,350
1995	540,200	409,850	49,550	24,450	56,100
1996	538,300	406,250	50,850	24,350	56,350
1997	539,000	405,250	51,950	24,300	57,250
1998	539,050	402,600	52,700	24,900	58,800
1999	543,100	402,800	53,750	25,800	60,550
2000	559,800	413,200	56,400	26,950	62,750
2001	562,950	413,950	57,850	26,750	64,450
2002	564,650	413,800	58,850	27,250	64,600
2003	575,450	420,550	60,700	28,350	65,600
2004	591,500	430,600	63,050	29,300	68,350
2005	609,400	443,250	65,550	29,900	70,550
2006	624,950	452,050	68,500	30,950	73,100
2007	632,350	455,350	70,100	31,800	75,100
2008	626,450	452,550	68,800	31,300	73,750
2009	598,700	436,800	64,650	28,950	68,350
2010	594,300	434,050	63,850	28,950	67,050
2011	601,700	(NA)	(NA)	(NA)	(NA)
2012	614,200	(NA)	(NA)	(NA)	(NA)
2013	626,400	(NA)	(NA)	(NA)	(NA)
2014	635,500	(NA)	(NA)	(NA)	(NA)
2015	645,500	(NA)	(NA)	(NA)	(NA)
2016	653,600	(NA)	(NA)	(NA)	(NA)
2017	661,000	(NA)	(NA)	(NA)	(NA)
2018	664,600	(NA)	(NA)	(NA)	(NA)
2019	660,200	(NA)	(NA)	(NA)	(NA)
Percentage Change from Previous Year					
1991	2.0	1.2	5.4	4.4	3.9
1992	0.6	0.6	-0.5	-2.5	3.9
1993	-0.9	-0.8	-1.0	-8.8	2.4
1994	-0.6	-0.8	-1.3	2.1	0.3
1995	-0.7	-0.9	-1.4	2.1	-0.4
1996	-0.4	-0.9	2.6	-0.4	0.4
1997	0.1	-0.2	2.2	-0.2	1.6
1998	0.0	-0.7	1.4	2.5	2.7
1999	0.8	0.0	2.0	3.6	3.0
2000	3.1	2.6	4.9	4.5	3.6
2001	0.6	0.2	2.6	-0.7	2.7
2002	0.3	0.0	1.7	1.9	0.2
2003	1.9	1.6	3.1	4.0	1.5
2004	2.8	2.4	3.9	3.4	4.2
2005	3.0	2.9	4.0	2.0	3.2
2006	2.6	2.0	4.5	3.5	3.6
2007	1.2	0.7	2.3	2.7	2.7
2008	-0.9	-0.6	-1.9	-1.6	-1.8
2009	-4.4	-3.5	-6.0	-7.5	-7.3
2010	-0.7	-0.6	-1.2	0.0	-1.9
2011	1.2	(NA)	(NA)	(NA)	(NA)
2012	2.1	(NA)	(NA)	(NA)	(NA)
2013	2.0	(NA)	(NA)	(NA)	(NA)
2014	1.5	(NA)	(NA)	(NA)	(NA)
2015	1.6	(NA)	(NA)	(NA)	(NA)
2016	1.3	(NA)	(NA)	(NA)	(NA)
2017	1.1	(NA)	(NA)	(NA)	(NA)
2018	0.5	(NA)	(NA)	(NA)	(NA)
2019	-0.7	(NA)	(NA)	(NA)	(NA)

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	411,300	47,300	22,900	54,400
1995	532,900	407,900	47,100	23,500	54,200
1996	530,900	404,200	48,300	23,500	54,400
1997	531,800	403,300	49,500	23,500	55,300
1998	531,500	400,400	50,200	24,100	56,800
1999	535,400	400,600	51,300	24,900	58,400
2000	551,900	410,900	53,700	26,000	60,800
2001	555,550	411,650	55,200	26,100	62,650
2002	557,450	411,800	56,450	26,500	62,550
2003	568,350	418,450	57,950	27,600	64,100
2004	584,200	428,400	60,350	28,600	66,650
2005	602,500	441,250	63,050	29,150	68,900
2006	618,000	450,200	65,900	30,250	71,350
2007	625,850	453,750	67,650	31,100	73,350
2008	620,300	451,000	66,500	30,700	72,050
2009	592,550	435,300	62,300	28,350	66,650
2010	588,000	432,400	61,200	28,400	65,600
2011	594,700	437,500	61,300	28,700	66,800
2012	607,700	446,100	62,700	29,300	69,300
2013	619,900	454,200	64,300	30,100	71,300
2014	628,500	459,300	65,300	30,500	73,000
2015	639,000	465,500	67,000	31,200	75,000
2016	647,600	468,900	69,500	32,000	76,900
2017	655,000	472,000	70,800	32,800	79,000
2018	658,300	473,300	71,100	32,800	80,300
2019	655,700	471,800	70,700	33,200	80,200
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	-0.4
1996	-0.4	-0.9	2.5	0.0	0.4
1997	0.2	-0.2	2.5	0.0	1.7
1998	-0.1	-0.7	1.4	2.6	2.7
1999	0.7	0.0	2.2	3.3	2.8
2000	3.1	2.6	4.7	4.4	4.1
2001	0.7	0.2	2.8	0.4	3.0
2002	0.3	0.0	2.3	1.5	-0.2
2003	2.0	1.6	2.7	4.2	2.5
2004	2.8	2.4	4.1	3.6	4.0
2005	3.1	3.0	4.5	1.9	3.4
2006	2.6	2.0	4.5	3.8	3.6
2007	1.3	0.8	2.7	2.8	2.8
2008	-0.9	-0.6	-1.7	-1.3	-1.8
2009	-4.5	-3.5	-6.3	-7.7	-7.5
2010	-0.8	-0.7	-1.8	0.2	-1.6
2011	1.1	1.2	0.2	1.1	1.8
2012	2.2	2.0	2.3	2.1	3.7
2013	2.0	1.8	2.6	2.7	2.9
2014	1.4	1.1	1.6	1.3	2.4
2015	1.7	1.3	2.6	2.3	2.7
2016	1.3	0.7	3.7	2.6	2.5
2017	1.1	0.7	1.9	2.5	2.7
2018	0.5	0.3	0.4	0.0	1.6
2019	-0.4	-0.3	-0.6	1.2	-0.1

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	427,200	324,400	37,700	18,300	46,900
1994	424,200	321,100	37,200	18,800	47,000
1995	421,500	318,000	37,000	19,400	46,700
1996	420,300	315,200	38,200	19,500	47,000
1997	420,100	313,300	39,300	19,500	47,900
1998	419,400	310,200	39,700	20,100	49,200
1999	422,700	310,100	40,600	20,900	50,800
2000	437,300	319,200	42,800	21,900	53,000
2001	441,100	320,350	44,150	21,950	54,600
2002	439,500	317,850	45,100	22,300	54,100
2003	449,200	323,650	46,550	23,400	55,400
2004	464,100	332,700	48,900	24,450	58,000
2005	482,850	346,100	51,450	24,950	60,150
2006	496,750	354,050	54,000	26,000	62,450
2007	503,750	357,250	55,450	26,050	64,250
2008	495,250	352,650	53,750	26,250	62,600
2009	466,850	336,550	49,450	23,950	56,950
2010	462,900	334,100	48,500	24,000	55,900
2011	470,100	339,400	48,900	24,300	57,300
2012	482,100	347,500	50,100	24,800	59,600
2013	495,400	356,600	51,600	25,500	61,600
2014	502,200	360,700	52,200	25,800	63,100
2015	512,600	367,200	53,400	26,500	65,000
2016	521,600	371,700	55,600	27,200	66,800
2017	529,400	375,000	56,800	27,900	69,400
2018	532,600	376,300	56,500	27,800	71,200
2019	529,400	374,600	55,700	28,100	71,000
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	-1.0	-1.3	2.7	0.2
1995	-0.6	-1.0	-0.5	3.2	-0.6
1996	-0.3	-0.9	3.2	0.5	0.6
1997	0.0	-0.6	2.9	0.0	1.9
1998	-0.2	-1.0	1.0	3.1	2.7
1999	0.8	0.0	2.3	4.0	3.3
2000	3.5	2.9	5.4	4.8	4.3
2001	0.9	0.4	3.2	0.2	3.0
2002	-0.4	-0.8	2.2	1.6	-0.9
2003	2.2	1.8	3.2	4.9	2.4
2004	3.3	2.8	5.0	4.5	4.7
2005	4.0	4.0	5.2	2.0	3.7
2006	2.9	2.3	5.0	4.2	3.8
2007	1.4	0.9	2.7	0.2	2.9
2008	-1.7	-1.3	-3.1	0.8	-2.6
2009	-5.7	-4.6	-8.0	-8.8	-9.0
2010	-0.8	-0.7	-1.9	0.2	-1.8
2011	1.6	1.6	0.8	1.3	2.5
2012	2.6	2.4	2.5	2.1	4.0
2013	2.8	2.6	3.0	2.8	3.4
2014	1.4	1.1	1.2	1.2	2.4
2015	2.1	1.8	2.3	2.7	3.0
2016	1.8	1.2	4.1	2.6	2.8
2017	1.5	0.9	2.2	2.6	3.9
2018	0.6	0.3	-0.5	-0.4	2.6
2019	-0.6	-0.5	-1.4	1.1	-0.3

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	27,700	21,100	2,800	1,600	2,200
1996	25,100	18,900	2,600	1,300	2,400
1997	23,700	18,100	2,300	1,000	2,300
1998	23,000	17,200	2,500	900	2,500
1999	22,900	16,600	2,600	900	2,800
2000	25,100	17,600	3,200	1,100	3,300
2001	25,050	17,150	3,600	1,100	3,200
2002	26,350	18,000	3,900	1,250	3,200
2003	28,350	19,500	4,350	1,300	3,150
2004	29,850	20,750	4,500	1,350	3,250
2005	33,900	23,500	4,950	1,500	3,950
2006	37,050	25,100	5,600	1,800	4,550
2007	39,650	26,750	5,850	1,900	5,150
2008	38,450	26,350	5,350	2,000	4,700
2009	32,050	22,900	3,950	1,600	3,600
2010	29,500	21,800	3,200	1,600	3,000
2011	29,500	22,200	3,100	1,400	2,900
2012	30,200	22,400	3,200	1,300	3,300
2013	31,800	23,500	3,600	1,400	3,400
2014	32,900	24,300	3,600	1,300	3,700
2015	35,800	26,200	4,000	1,500	4,000
2016	38,900	28,600	4,300	1,700	4,200
2017	37,100	27,000	3,900	1,800	4,400
2018	37,300	27,000	3,900	1,900	4,400
2019	37,200	27,000	3,800	2,100	4,300
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	-10.4	-10.6	-3.4	-15.8	-12.0
1996	-9.4	-10.4	-7.1	-18.8	9.1
1997	-5.6	-4.2	-11.5	-23.1	-4.2
1998	-3.0	-5.0	8.7	-10.0	8.7
1999	-0.4	-3.5	4.0	0.0	12.0
2000	9.6	6.0	23.1	22.2	17.9
2001	-0.2	-2.6	12.5	0.0	-3.0
2002	5.2	5.0	8.3	13.6	0.0
2003	7.6	8.3	11.5	4.0	-1.6
2004	5.3	6.4	3.4	3.8	3.2
2005	13.6	13.3	10.0	11.1	21.5
2006	9.3	6.8	13.1	20.0	15.2
2007	7.0	6.6	4.5	5.6	13.2
2008	-3.0	-1.5	-8.5	5.3	-8.7
2009	-16.6	-13.1	-26.2	-20.0	-23.4
2010	-8.0	-4.8	-19.0	0.0	-16.7
2011	0.0	1.8	-3.1	-12.5	-3.3
2012	2.4	0.9	3.2	-7.1	13.8
2013	5.3	4.9	12.5	7.7	3.0
2014	3.5	3.4	0.0	-7.1	8.8
2015	8.8	7.8	11.1	15.4	8.1
2016	8.7	9.2	7.5	13.3	5.0
2017	-4.6	-5.6	-9.3	5.9	4.8
2018	0.5	0.0	0.0	5.6	0.0
2019	-0.3	0.0	-2.6	10.5	-2.3

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	15,900	12,100	1,600	400	1,800
1998	15,800	11,900	1,600	400	1,800
1999	16,000	12,300	1,600	400	1,700
2000	16,500	12,700	1,600	400	1,700
2001	16,500	12,850	1,550	400	1,700
2002	15,350	11,800	1,450	400	1,650
2003	15,150	11,600	1,450	450	1,600
2004	15,550	12,050	1,500	400	1,600
2005	15,350	11,900	1,500	400	1,500
2006	15,450	11,900	1,600	400	1,500
2007	15,450	11,950	1,650	400	1,350
2008	15,050	11,850	1,500	400	1,250
2009	13,850	11,000	1,350	400	1,150
2010	13,200	10,600	1,200	300	1,000
2011	13,500	10,900	1,200	300	1,000
2012	13,600	10,900	1,200	300	1,100
2013	13,800	11,000	1,300	400	1,200
2014	14,100	11,200	1,200	400	1,200
2015	14,400	11,400	1,200	400	1,200
2016	14,500	11,600	1,200	400	1,200
2017	14,700	11,700	1,300	500	1,100
2018	14,500	11,500	1,300	500	1,100
2019	14,000	11,000	1,300	500	1,200
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	-0.6	-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	1.2	-3.1	0.0	0.0
2002	-7.0	-8.2	-6.5	0.0	-2.9
2003	-1.3	-1.7	0.0	12.5	-3.0
2004	2.6	3.9	3.4	-11.1	0.0
2005	-1.3	-1.2	0.0	0.0	-6.3
2006	0.7	0.0	6.7	0.0	0.0
2007	0.0	0.4	3.1	0.0	-10.0
2008	-2.6	-0.8	-9.1	0.0	-7.4
2009	-8.0	-7.2	-10.0	0.0	-8.0
2010	-4.7	-3.6	-11.1	-25.0	-13.0
2011	2.3	2.8	0.0	0.0	0.0
2012	0.7	0.0	0.0	0.0	10.0
2013	1.5	0.9	8.3	33.3	9.1
2014	2.2	1.8	-7.7	0.0	0.0
2015	2.1	1.8	0.0	0.0	0.0
2016	0.7	1.8	0.0	0.0	0.0
2017	1.4	0.9	8.3	25.0	-8.3
2018	-1.4	-1.7	0.0	0.0	0.0
2019	-3.4	-4.3	0.0	0.0	9.1

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	17,600	14,800	1,300	500	1,000
1991	17,400	14,500	1,400	500	1,000
1992	17,100	14,300	1,400	400	1,000
1993	16,800	14,100	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	13,300	1,200	400	1,100
1999	15,900	13,100	1,200	400	1,100
2000	16,300	13,500	1,300	400	1,200
2001	16,550	13,700	1,350	400	1,150
2002	16,550	13,650	1,400	400	1,100
2003	16,850	13,800	1,450	400	1,200
2004	17,200	14,000	1,550	450	1,200
2005	17,850	14,350	1,650	500	1,300
2006	18,250	14,650	1,700	550	1,350
2007	18,850	15,100	1,750	550	1,450
2008	19,050	15,300	1,750	500	1,500
2009	18,150	14,650	1,600	500	1,400
2010	17,900	14,500	1,600	500	1,400
2011	17,800	14,400	1,500	500	1,400
2012	18,000	14,500	1,600	500	1,400
2013	18,000	14,500	1,600	600	1,400
2014	18,100	14,400	1,600	600	1,500
2015	18,300	14,600	1,700	500	1,500
2016	18,200	14,500	1,700	500	1,500
2017	18,300	14,500	1,700	500	1,600
2018	18,300	14,500	1,800	500	1,600
2019	18,200	14,400	1,800	500	1,600
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	-1.8	-1.4	0.0	0.0	0.0
1994	-2.4	-2.1	-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	1.5	0.0	0.0	10.0
1999	0.0	-1.5	0.0	0.0	0.0
2000	2.5	3.1	8.3	0.0	9.1
2001	1.5	1.5	3.8	0.0	-4.2
2002	0.0	-0.4	3.7	0.0	-4.3
2003	1.8	1.1	3.6	0.0	9.1
2004	2.1	1.4	6.9	12.5	0.0
2005	3.8	2.5	6.5	11.1	8.3
2006	2.2	2.1	3.0	10.0	3.8
2007	3.3	3.1	2.9	0.0	7.4
2008	1.1	1.3	0.0	-9.1	3.4
2009	-4.7	-4.2	-8.6	0.0	-6.7
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	0.6	-0.7	0.0	0.0	7.1
2015	1.1	1.4	6.3	-16.7	0.0
2016	-0.5	-0.7	0.0	0.0	0.0
2017	0.5	0.0	0.0	0.0	6.7
2018	0.0	0.0	5.9	0.0	0.0
2019	-0.5	-0.7	0.0	0.0	0.0

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	67,800	48,800	7,500	3,500	7,900
1997	66,500	47,600	7,600	3,400	7,900
1998	64,600	45,500	7,800	3,400	7,900
1999	65,000	45,300	7,700	3,600	8,100
2000	66,500	46,400	7,900	3,800	8,300
2001	66,300	45,750	7,900	3,800	8,850
2002	64,150	43,700	7,950	3,700	8,800
2003	64,550	43,650	8,150	3,850	8,900
2004	67,200	45,150	8,600	4,050	9,350
2005	69,500	47,000	8,900	4,050	9,550
2006	70,250	47,300	9,200	4,050	9,700
2007	70,650	46,850	9,500	4,200	10,050
2008	70,100	46,700	9,450	4,150	9,850
2009	66,750	45,100	8,850	3,800	8,950
2010	66,300	45,000	8,600	3,800	8,900
2011	67,300	45,900	8,800	3,800	8,900
2012	69,200	47,600	8,800	3,700	9,000
2013	70,100	48,100	8,900	3,800	9,200
2014	70,300	47,900	9,100	3,800	9,400
2015	71,200	48,400	9,100	3,900	9,800
2016	71,100	48,000	9,200	4,000	9,900
2017	71,700	48,300	9,400	4,100	9,900
2018	72,400	48,600	9,700	4,100	10,000
2019	71,100	47,400	9,700	4,000	9,900
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	-1.3	-1.2	-1.3	-2.8	-1.3
1997	-1.9	-2.5	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	-0.3	-1.4	0.0	0.0	6.6
2002	-3.2	-4.5	0.6	-2.6	-0.6
2003	0.6	-0.1	2.5	4.1	1.1
2004	4.1	3.4	5.5	5.2	5.1
2005	3.4	4.1	3.5	0.0	2.1
2006	1.1	0.6	3.4	0.0	1.6
2007	0.6	-1.0	3.3	3.7	3.6
2008	-0.8	-0.3	-0.5	-1.2	-2.0
2009	-4.8	-3.4	-6.3	-8.4	-9.1
2010	-0.7	-0.2	-2.8	0.0	-0.6
2011	1.5	2.0	2.3	0.0	0.0
2012	2.8	3.7	0.0	-2.6	1.1
2013	1.3	1.1	1.1	2.7	2.2
2014	0.3	-0.4	2.2	0.0	2.2
2015	1.3	1.0	0.0	2.6	4.3
2016	-0.1	-0.8	1.1	2.6	1.0
2017	0.8	0.6	2.2	2.5	0.0
2018	1.0	0.6	3.2	0.0	1.0
2019	-1.8	-2.5	0.0	-2.4	-1.0

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	27,700	21,500	2,200	1,200	2,700
1999	27,500	21,100	2,200	1,300	2,800
2000	28,300	21,700	2,200	1,300	2,900
2001	28,500	21,750	2,300	1,400	3,000
2002	26,450	19,500	2,450	1,500	3,000
2003	26,900	19,600	2,600	1,600	3,150
2004	28,400	20,700	2,800	1,550	3,300
2005	30,950	23,250	2,900	1,500	3,350
2006	33,050	24,750	3,150	1,600	3,550
2007	33,050	24,650	3,150	1,600	3,650
2008	29,650	22,100	2,850	1,450	3,250
2009	26,850	19,900	2,700	1,300	2,950
2010	26,700	19,600	2,600	1,300	3,000
2011	27,300	19,800	2,700	1,300	3,300
2012	28,500	20,700	2,700	1,400	3,700
2013	29,700	21,700	2,800	1,400	3,800
2014	30,300	22,100	3,000	1,500	3,700
2015	31,100	22,500	3,100	1,500	4,000
2016	32,000	22,900	3,300	1,500	4,200
2017	33,000	23,600	3,500	1,600	4,300
2018	33,700	24,100	3,500	1,600	4,400
2019	34,200	24,400	3,500	1,700	4,700
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	-1.8	-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	0.2	4.5	7.7	3.4
2002	-7.2	-10.3	6.5	7.1	0.0
2003	1.7	0.5	6.1	6.7	5.0
2004	5.6	5.6	7.7	-3.1	4.8
2005	9.0	12.3	3.6	-3.2	1.5
2006	6.8	6.5	8.6	6.7	6.0
2007	0.0	-0.4	0.0	0.0	2.8
2008	-10.3	-10.3	-9.5	-9.4	-11.0
2009	-9.4	-10.0	-5.3	-10.3	-9.2
2010	-0.6	-1.5	-3.7	0.0	1.7
2011	2.2	1.0	3.8	0.0	10.0
2012	4.4	4.5	0.0	7.7	12.1
2013	4.2	4.8	3.7	0.0	2.7
2014	2.0	1.8	7.1	7.1	-2.6
2015	2.6	1.8	3.3	0.0	8.1
2016	2.9	1.8	6.5	0.0	5.0
2017	3.1	3.1	6.1	6.7	2.4
2018	2.1	2.1	0.0	0.0	2.3
2019	1.5	1.2	0.0	6.3	6.8

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	11,900	10,000	650	350	900
2002	11,500	9,500	650	450	900
2003	10,450	8,700	600	300	900
2004	10,850	9,050	600	250	900
2005	10,850	9,050	650	300	900
2006	10,800	8,950	700	300	800
2007	10,700	8,800	750	350	800
2008	10,100	8,350	700	250	800
2009	9,200	7,500	650	250	800
2010	9,900	8,200	800	300	700
2011	8,600	7,100	600	200	600
2012	8,500	7,100	600	300	600
2013	8,900	7,500	600	200	600
2014	8,600	7,200	600	200	600
2015	8,800	7,400	600	200	600
2016	8,900	7,500	700	200	600
2017	9,100	7,700	600	200	600
2018	9,300	7,800	700	200	600
2019	8,700	7,400	600	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	-3.3	-2.0	-7.1	-12.5	-10.0
2002	-3.4	-5.0	0.0	28.6	0.0
2003	-9.1	-8.4	-7.7	-33.3	0.0
2004	3.8	4.0	0.0	-16.7	0.0
2005	0.0	0.0	8.3	20.0	0.0
2006	-0.5	-1.1	7.7	0.0	-11.1
2007	-0.9	-1.7	7.1	16.7	0.0
2008	-5.6	-5.1	-6.7	-28.6	0.0
2009	-8.9	-10.2	-7.1	0.0	0.0
2010	7.6	9.3	23.1	20.0	-12.5
2011	-13.1	-13.4	-25.0	-33.3	-14.3
2012	-1.2	0.0	0.0	50.0	0.0
2013	4.7	5.6	0.0	-33.3	0.0
2014	-3.4	-4.0	0.0	0.0	0.0
2015	2.3	2.8	0.0	0.0	0.0
2016	1.1	1.4	16.7	0.0	0.0
2017	2.2	2.7	-14.3	0.0	0.0
2018	2.2	1.3	16.7	0.0	0.0
2019	-6.5	-5.1	-14.3	0.0	0.0

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	26,100	2,300	1,100	2,300
1995	30,900	24,800	2,300	1,300	2,400
1996	30,700	24,400	2,400	1,300	2,500
1997	30,200	24,000	2,300	1,300	2,700
1998	30,200	24,100	2,200	1,200	2,600
1999	29,600	23,800	2,100	1,200	2,600
2000	28,900	22,800	2,200	1,200	2,600
2001	28,300	22,150	2,300	1,250	2,650
2002	28,000	21,750	2,350	1,200	2,700
2003	28,700	22,100	2,450	1,200	2,900
2004	29,150	22,450	2,500	1,200	3,000
2005	29,650	22,850	2,600	1,200	3,000
2006	30,400	23,250	2,800	1,250	3,050
2007	30,500	23,350	2,850	1,200	3,050
2008	29,850	23,050	2,800	1,200	2,800
2009	28,200	21,750	2,750	1,200	2,450
2010	27,500	21,100	2,700	1,200	2,400
2011	27,200	20,900	2,700	1,200	2,400
2012	27,400	20,800	2,700	1,300	2,500
2013	27,800	21,000	2,600	1,400	2,700
2014	28,300	21,400	2,600	1,400	2,800
2015	28,800	21,800	2,700	1,400	3,000
2016	29,200	22,300	2,600	1,200	3,100
2017	29,400	22,600	2,600	1,200	3,000
2018	29,600	22,700	2,700	1,200	3,100
2019	29,900	23,000	2,700	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	-1.9	0.0	0.0	4.5
1995	-3.1	-5.0	0.0	18.2	4.3
1996	-0.6	-1.6	4.3	0.0	4.2
1997	-1.6	-1.6	-4.2	0.0	8.0
1998	0.0	0.4	-4.3	-7.7	-3.7
1999	-2.0	-1.2	-4.5	0.0	0.0
2000	-2.4	-4.2	4.8	0.0	0.0
2001	-2.1	-2.9	4.5	4.2	1.9
2002	-1.1	-1.8	2.2	-4.0	1.9
2003	2.5	1.6	4.3	0.0	7.4
2004	1.6	1.6	2.0	0.0	3.4
2005	1.7	1.8	4.0	0.0	0.0
2006	2.5	1.8	7.7	4.2	1.7
2007	0.3	0.4	1.8	-4.0	0.0
2008	-2.1	-1.3	-1.8	0.0	-8.2
2009	-5.5	-5.6	-1.8	0.0	-12.5
2010	-2.5	-3.0	-1.8	0.0	-2.0
2011	-1.1	-0.9	0.0	0.0	0.0
2012	0.7	-0.5	0.0	8.3	4.2
2013	1.5	1.0	-3.7	7.7	8.0
2014	1.8	1.9	0.0	0.0	3.7
2015	1.8	1.9	3.8	0.0	7.1
2016	1.4	2.3	-3.7	-14.3	3.3
2017	0.7	1.3	0.0	0.0	-3.2
2018	0.7	0.4	3.8	0.0	3.3
2019	1.0	1.3	0.0	0.0	0.0

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	43,100	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	51,800	43,900	2,800	1,500	3,500
1994	52,500	44,500	3,000	1,500	3,500
1995	53,200	44,800	3,200	1,500	3,600
1996	54,700	45,400	3,800	1,700	3,800
1997	55,100	45,900	3,700	1,800	3,700
1998	54,800	45,300	3,300	2,000	4,200
1999	56,000	45,700	3,600	2,200	4,600
2000	59,100	47,800	4,100	2,200	5,000
2001	61,300	49,700	4,150	2,350	5,050
2002	64,250	52,150	4,550	2,500	5,050
2003	66,350	53,550	4,400	2,850	5,400
2004	67,050	53,600	4,500	3,150	5,800
2005	70,200	55,750	4,800	3,500	6,100
2006	72,400	57,200	5,000	3,650	6,600
2007	71,650	55,600	4,950	3,700	7,400
2008	70,450	55,150	4,900	3,350	7,000
2009	65,950	52,350	4,550	2,700	6,350
2010	65,800	52,000	4,700	2,700	6,300
2011	69,200	54,300	5,300	2,900	6,700
2012	70,700	55,800	5,600	2,900	6,600
2013	73,200	57,400	6,200	2,900	6,800
2014	74,900	58,700	6,300	2,800	7,000
2015	75,000	58,300	6,300	2,900	7,100
2016	74,000	57,000	6,700	3,000	7,200
2017	74,000	56,400	6,900	3,000	7,600
2018	74,300	56,700	6,900	3,100	7,600
2019	74,100	57,200	6,600	3,100	7,300
Percentage Change from Previous Year					
1991	1.8	1.6	4.0	7.1	0.0
1992	1.4	0.5	0.0	0.0	16.7
1993	0.4	-0.2	7.7	0.0	0.0
1994	1.4	1.4	7.1	0.0	0.0
1995	1.3	0.7	6.7	0.0	2.9
1996	2.8	1.3	18.8	13.3	5.6
1997	0.7	1.1	-2.6	5.9	-2.6
1998	-0.5	-1.3	-10.8	11.1	13.5
1999	2.2	0.9	9.1	10.0	9.5
2000	5.5	4.6	13.9	0.0	8.7
2001	3.7	4.0	1.2	6.8	1.0
2002	4.8	4.9	9.6	6.4	0.0
2003	3.3	2.7	-3.3	14.0	6.9
2004	1.1	0.1	2.3	10.5	7.4
2005	4.7	4.0	6.7	11.1	5.2
2006	3.1	2.6	4.2	4.3	8.2
2007	-1.0	-2.8	-1.0	1.4	12.1
2008	-1.7	-0.8	-1.0	-9.5	-5.4
2009	-6.4	-5.1	-7.1	-19.4	-9.3
2010	-0.2	-0.7	3.3	0.0	-0.8
2011	5.2	4.4	12.8	7.4	6.3
2012	2.2	2.8	5.7	0.0	-1.5
2013	3.5	2.9	10.7	0.0	3.0
2014	2.3	2.3	1.6	-3.4	2.9
2015	0.1	-0.7	0.0	3.6	1.4
2016	-1.3	-2.2	6.3	3.4	1.4
2017	0.0	-1.1	3.0	0.0	5.6
2018	0.4	0.5	0.0	3.3	0.0
2019	-0.3	0.9	-4.3	0.0	-3.9

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	10,600	9,400	500	100	500
1998	10,800	9,500	500	100	500
1999	11,000	9,800	500	100	500
2000	11,300	10,000	600	200	500
2001	11,800	10,300	650	200	650
2002	12,250	10,650	650	150	750
2003	12,800	11,050	750	200	800
2004	13,200	11,100	950	200	950
2005	13,750	11,600	1,000	200	1,000
2006	14,100	11,800	1,050	200	1,050
2007	14,600	12,150	1,200	200	1,050
2008	14,950	12,300	1,300	250	1,100
2009	14,850	12,250	1,300	250	1,050
2010	14,600	12,100	1,300	200	1,000
2011	14,800	12,200	1,400	200	1,000
2012	15,300	12,600	1,400	200	1,100
2013	15,200	12,500	1,300	200	1,200
2014	14,400	11,900	1,200	200	1,100
2015	15,000	12,500	1,200	200	1,100
2016	14,600	11,800	1,500	200	1,200
2017	14,600	11,700	1,500	200	1,200
2018	14,600	11,800	1,400	200	1,200
2019	14,200	11,400	1,300	200	1,200
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	5.0	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	2.7	2.0	20.0	100.0	0.0
2001	4.4	3.0	8.3	0.0	30.0
2002	3.8	3.4	0.0	-25.0	15.4
2003	4.5	3.8	15.4	33.3	6.7
2004	3.1	0.5	26.7	0.0	18.8
2005	4.2	4.5	5.3	0.0	5.3
2006	2.5	1.7	5.0	0.0	5.0
2007	3.5	3.0	14.3	0.0	0.0
2008	2.4	1.2	8.3	25.0	4.8
2009	-0.7	-0.4	0.0	0.0	-4.5
2010	-1.7	-1.2	0.0	-20.0	-4.8
2011	1.4	0.8	7.7	0.0	0.0
2012	3.4	3.3	0.0	0.0	10.0
2013	-0.7	-0.8	-7.1	0.0	9.1
2014	-5.3	-4.8	-7.7	0.0	-8.3
2015	4.2	5.0	0.0	0.0	0.0
2016	-2.7	-5.6	25.0	0.0	9.1
2017	0.0	-0.8	0.0	0.0	0.0
2018	0.0	0.9	-6.7	0.0	0.0
2019	-2.7	-3.4	-7.1	0.0	0.0

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	42,800	34,100	3,500	1,900	3,200
1996	43,400	34,300	3,800	1,900	3,300
1997	45,300	35,500	4,200	2,000	3,500
1998	47,100	37,000	4,300	2,100	3,700
1999	48,000	37,500	4,800	2,100	3,600
2000	49,200	38,400	5,000	2,100	3,700
2001	50,650	39,100	5,450	2,150	3,950
2002	51,750	39,950	5,550	2,200	4,050
2003	53,300	41,450	5,550	2,250	4,100
2004	55,350	43,000	5,800	2,300	4,250
2005	57,050	44,200	6,000	2,400	4,450
2006	58,150	44,900	6,250	2,450	4,600
2007	59,500	46,000	6,350	2,450	4,750
2008	60,450	46,550	6,500	2,500	4,900
2009	61,050	46,850	6,600	2,500	5,050
2010	62,100	47,600	1,300	2,600	5,200
2011	62,600	48,200	1,400	2,600	5,100
2012	63,400	48,800	1,400	2,700	5,100
2013	65,400	50,300	1,300	2,800	5,300
2014	66,300	51,100	1,200	2,800	5,300
2015	68,500	52,700	1,200	2,800	5,600
2016	70,000	53,600	1,500	2,900	5,700
2017	71,800	54,100	1,500	3,100	6,800
2018	72,600	54,100	1,400	3,100	7,900
2019	73,000	54,100	1,300	2,900	8,100
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	0.5	0.3	6.1	-5.0	0.0
1996	1.4	0.6	8.6	0.0	3.1
1997	4.4	3.5	10.5	5.3	6.1
1998	4.0	4.2	2.4	5.0	5.7
1999	1.9	1.4	11.6	0.0	-2.7
2000	2.5	2.4	4.2	0.0	2.8
2001	2.9	1.8	9.0	2.4	6.8
2002	2.2	2.2	1.8	2.3	2.5
2003	3.0	3.8	0.0	2.3	1.2
2004	3.8	3.7	4.5	2.2	3.7
2005	3.1	2.8	3.4	4.3	4.7
2006	1.9	1.6	4.2	2.1	3.4
2007	2.3	2.4	1.6	0.0	3.3
2008	1.6	1.2	2.4	2.0	3.2
2009	1.0	0.6	1.5	0.0	3.1
2010	1.7	1.6	-80.3	4.0	3.0
2011	0.8	1.3	7.7	0.0	-1.9
2012	1.3	1.2	0.0	3.8	0.0
2013	3.2	3.1	-7.1	3.7	3.9
2014	1.4	1.6	-7.7	0.0	0.0
2015	3.3	3.1	0.0	0.0	5.7
2016	2.2	1.7	25.0	3.6	1.8
2017	2.6	0.9	0.0	6.9	19.3
2018	1.1	0.0	-6.7	0.0	16.2
2019	0.6	0.0	-7.1	-6.5	2.5

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	10,700	7,000	900	900	1,900
1996	10,200	6,900	800	700	1,800
1997	10,300	6,900	900	700	1,700
1998	10,500	6,800	1,000	800	1,800
1999	10,600	6,800	1,000	800	1,900
2000	11,000	7,000	1,200	900	2,100
2001	11,350	7,100	1,300	900	2,150
2002	11,250	6,950	1,400	950	2,050
2003	11,400	6,850	1,600	1,050	2,100
2004	11,750	6,950	1,650	1,100	2,250
2005	11,900	6,900	1,600	1,050	2,350
2006	12,100	6,650	1,800	1,050	2,550
2007	12,500	6,950	2,050	1,150	2,500
2008	12,050	6,600	2,000	1,150	2,450
2009	11,200	6,250	1,900	1,100	2,200
2010	10,900	6,300	1,700	900	2,000
2011	11,100	6,400	1,700	1,000	2,100
2012	11,900	7,000	1,700	1,100	2,100
2013	12,600	7,400	1,800	1,100	2,300
2014	12,700	7,400	1,700	1,300	2,400
2015	12,500	7,500	1,400	1,300	2,300
2016	12,900	7,700	1,500	1,200	2,500
2017	13,500	7,900	1,500	1,200	2,800
2018	13,900	8,100	1,400	1,200	2,700
2019	13,700	8,500	1,600	1,100	2,300
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	0.9	0.0	12.5	12.5	-5.0
1996	-4.7	-1.4	-11.1	-22.2	-5.3
1997	1.0	0.0	12.5	0.0	-5.6
1998	1.9	-1.4	11.1	14.3	5.9
1999	1.0	0.0	0.0	0.0	5.6
2000	3.8	2.9	20.0	12.5	10.5
2001	3.2	1.4	8.3	0.0	2.4
2002	-0.9	-2.1	7.7	5.6	-4.7
2003	1.3	-1.4	14.3	10.5	2.4
2004	3.1	1.5	3.1	4.8	7.1
2005	1.3	-0.7	-3.0	-4.5	4.4
2006	1.7	-3.6	12.5	0.0	8.5
2007	3.3	4.5	13.9	9.5	-2.0
2008	-3.6	-5.0	-2.4	0.0	-2.0
2009	-7.1	-5.3	-5.0	-4.3	-10.2
2010	-2.7	0.8	-10.5	-18.2	-9.1
2011	1.8	1.6	0.0	11.1	5.0
2012	7.2	9.4	0.0	10.0	0.0
2013	5.9	5.7	5.9	0.0	9.5
2014	0.8	0.0	-5.6	18.2	4.3
2015	-1.6	1.4	-17.6	0.0	-4.2
2016	3.2	2.7	7.1	-7.7	8.7
2017	4.7	2.6	0.0	0.0	12.0
2018	3.0	2.5	-6.7	0.0	-3.6
2019	-1.4	4.9	14.3	-8.3	-14.8

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	38,400	17,900	6,100	3,500	10,800
1997	38,300	17,300	6,800	3,300	10,900
1998	37,900	16,700	6,900	3,600	10,800
1999	37,600	15,900	6,900	3,800	11,100
2000	38,600	16,000	7,100	4,000	11,500
2001	38,200	15,800	7,050	3,800	11,500
2002	36,450	15,150	6,650	3,700	10,950
2003	37,100	15,350	6,600	4,000	11,200
2004	38,200	15,600	6,800	4,100	11,700
2005	39,200	16,000	7,100	4,200	11,900
2006	39,700	16,300	7,150	4,250	12,000
2007	39,750	16,500	6,950	4,550	11,800
2008	38,350	15,700	6,450	4,300	11,900
2009	35,500	15,100	5,750	3,800	10,850
2010	35,100	14,900	5,600	4,000	10,700
2011	36,500	15,700	5,400	4,300	11,100
2012	38,400	16,900	5,500	4,300	11,700
2013	39,300	17,400	5,500	4,400	12,000
2014	40,000	17,800	5,800	4,300	12,200
2015	40,100	17,400	6,100	4,300	12,200
2016	41,200	18,200	6,200	4,400	12,300
2017	42,500	18,900	6,300	4,400	12,600
2018	43,000	19,300	6,200	4,600	12,800
2019	42,600	19,100	5,800	4,600	12,900
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	2.1	0.0	10.9	12.9	-2.7
1997	-0.3	-3.4	11.5	-5.7	0.9
1998	-1.0	-3.5	1.5	9.1	-0.9
1999	-0.8	-4.8	0.0	5.6	2.8
2000	2.7	0.6	2.9	5.3	3.6
2001	-1.0	-1.3	-0.7	-5.0	0.0
2002	-4.6	-4.1	-5.7	-2.6	-4.8
2003	1.8	1.3	-0.8	8.1	2.3
2004	3.0	1.6	3.0	2.5	4.5
2005	2.6	2.6	4.4	2.4	1.7
2006	1.3	1.9	0.7	1.2	0.8
2007	0.1	1.2	-2.8	7.1	-1.7
2008	-3.5	-4.8	-7.2	-5.5	0.8
2009	-7.4	-3.8	-10.9	-11.6	-8.8
2010	-1.1	-1.3	-2.6	5.3	-1.4
2011	4.0	5.4	-3.6	7.5	3.7
2012	5.2	7.6	1.9	0.0	5.4
2013	2.3	3.0	0.0	2.3	2.6
2014	1.8	2.3	5.5	-2.3	1.7
2015	0.3	-2.2	5.2	0.0	0.0
2016	2.7	4.6	1.6	2.3	0.8
2017	3.2	3.8	1.6	0.0	2.4
2018	1.2	2.1	-1.6	4.5	1.6
2019	-0.9	-1.0	-6.5	0.0	0.8

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	46,400	34,800	3,600	2,300	5,600
1995	47,200	35,200	3,700	2,600	5,800
1996	47,600	35,400	3,900	2,700	5,700
1997	47,600	35,000	3,900	2,800	5,800
1998	48,100	34,900	4,100	2,900	6,200
1999	49,100	35,400	4,300	3,000	6,400
2000	51,100	36,700	4,400	3,200	6,900
2001	50,900	36,000	4,450	3,200	7,250
2002	51,200	36,050	4,650	3,200	7,300
2003	52,750	37,050	4,950	3,400	7,400
2004	55,600	38,850	5,400	3,600	7,750
2005	57,200	39,950	5,850	3,400	8,000
2006	58,600	40,650	5,950	3,650	8,350
2007	60,000	41,650	6,300	3,650	8,350
2008	59,100	41,300	5,950	3,650	8,150
2009	56,850	40,400	5,650	3,450	7,350
2010	57,100	40,100	5,800	3,600	7,600
2011	58,500	40,800	5,900	3,600	8,100
2012	60,300	41,500	6,200	4,000	8,700
2013	62,600	43,100	6,400	4,200	9,000
2014	64,000	43,900	6,500	4,300	9,300
2015	65,700	45,000	6,800	4,300	9,600
2016	68,300	46,500	7,300	4,400	9,900
2017	71,200	48,600	7,600	4,700	10,200
2018	70,500	48,300	7,100	4,900	10,400
2019	70,200	48,200	6,900	4,600	10,400
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	0.7	-0.9	0.0	15.0	1.8
1995	1.7	1.1	2.8	13.0	3.6
1996	0.8	0.6	5.4	3.8	-1.7
1997	0.0	-1.1	0.0	3.7	1.8
1998	1.1	-0.3	5.1	3.6	6.9
1999	2.1	1.4	4.9	3.4	3.2
2000	4.1	3.7	2.3	6.7	7.8
2001	-0.4	-1.9	1.1	0.0	5.1
2002	0.6	0.1	4.5	0.0	0.7
2003	3.0	2.8	6.5	6.3	1.4
2004	5.4	4.9	9.1	5.9	4.7
2005	2.9	2.8	8.3	-5.6	3.2
2006	2.4	1.8	1.7	7.4	4.4
2007	2.4	2.5	5.9	0.0	0.0
2008	-1.5	-0.8	-5.6	0.0	-2.4
2009	-3.8	-2.2	-5.0	-5.5	-9.8
2010	0.4	-0.7	2.7	4.3	3.4
2011	2.5	1.7	1.7	0.0	6.6
2012	3.1	1.7	5.1	11.1	7.4
2013	3.8	3.9	3.2	5.0	3.4
2014	2.2	1.9	1.6	2.4	3.3
2015	2.7	2.5	4.6	0.0	3.2
2016	4.0	3.3	7.4	2.3	3.1
2017	4.2	4.5	4.1	6.8	3.0
2018	-1.0	-0.6	-6.6	4.3	2.0
2019	-0.4	-0.2	-2.8	-6.1	0.0

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	21,800	17,700	1,300	600	2,100
1996	21,900	17,800	1,300	600	2,200
1997	21,800	17,500	1,300	700	2,300
1998	21,800	17,500	1,300	700	2,400
1999	22,000	17,600	1,300	700	2,400
2000	23,100	18,500	1,300	700	2,400
2001	23,800	19,000	1,550	700	2,550
2002	23,950	19,050	1,600	700	2,600
2003	24,450	19,400	1,650	650	2,700
2004	24,750	19,350	1,850	750	2,750
2005	25,550	19,850	2,000	800	2,800
2006	26,450	20,650	2,100	850	2,800
2007	27,000	20,900	2,200	1,000	2,850
2008	27,600	21,300	2,250	1,100	2,900
2009	26,450	20,600	2,000	1,050	2,800
2010	26,300	20,400	2,000	1,000	2,800
2011	26,400	20,600	2,000	1,000	2,700
2012	26,800	20,900	2,000	1,000	2,800
2013	27,100	21,400	1,900	1,000	2,800
2014	27,200	21,300	1,900	1,000	2,900
2015	27,400	21,400	1,900	1,000	3,000
2016	27,900	21,700	2,000	1,000	3,200
2017	28,600	22,000	2,200	1,000	3,300
2018	28,700	21,900	2,200	1,000	3,400
2019	28,300	21,700	2,200	1,100	3,400
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	0.0	0.0	-7.1	0.0	0.0
1996	0.5	0.6	0.0	0.0	4.8
1997	-0.5	-1.7	0.0	16.7	4.5
1998	0.0	0.0	0.0	0.0	4.3
1999	0.9	0.6	0.0	0.0	0.0
2000	5.0	5.1	0.0	0.0	0.0
2001	3.0	2.7	19.2	0.0	6.3
2002	0.6	0.3	3.2	0.0	2.0
2003	2.1	1.8	3.1	-7.1	3.8
2004	1.2	-0.3	12.1	15.4	1.9
2005	3.2	2.6	8.1	6.7	1.8
2006	3.5	4.0	5.0	6.3	0.0
2007	2.1	1.2	4.8	17.6	1.8
2008	2.2	1.9	2.3	10.0	1.8
2009	-4.2	-3.3	-11.1	-4.5	-3.4
2010	-0.6	-1.0	0.0	-4.8	0.0
2011	0.4	1.0	0.0	0.0	-3.6
2012	1.5	1.5	0.0	0.0	3.7
2013	1.1	2.4	-5.0	0.0	0.0
2014	0.4	-0.5	0.0	0.0	3.6
2015	0.7	0.5	0.0	0.0	3.4
2016	1.8	1.4	5.3	0.0	6.7
2017	2.5	1.4	10.0	0.0	3.1
2018	0.3	-0.5	0.0	0.0	3.0
2019	-1.4	-0.9	0.0	10.0	0.0

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	7,500
1995	111,400	89,900	10,100	4,100	7,500
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	7,600
2000	114,600	91,700	11,000	4,100	7,800
2001	114,500	91,250	11,050	4,100	8,050
2002	117,950	93,950	11,350	4,200	8,500
2003	119,150	94,850	11,400	4,250	8,700
2004	120,100	95,700	11,500	4,200	8,650
2005	119,650	95,150	11,600	4,200	8,750
2006	121,250	96,200	11,950	4,250	8,900
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	9,750
2010	125,200	98,300	12,700	4,500	9,700
2011	124,600	98,100	12,500	4,400	9,500
2012	125,600	98,700	12,700	4,500	9,700
2013	124,500	97,600	12,600	4,600	9,700
2014	126,200	98,600	13,100	4,700	9,900
2015	126,400	98,300	13,600	4,700	10,000
2016	126,000	97,200	13,900	4,800	10,200
2017	125,500	97,000	14,100	4,900	9,600
2018	125,600	97,000	14,600	5,000	9,200
2019	126,300	97,200	15,000	5,100	9,200
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	5.6
1995	-0.4	-0.3	-1.0	0.0	0.0
1996	-0.7	-1.0	0.0	-2.4	-1.3
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	0.0
2000	1.6	1.3	3.8	0.0	2.6
2001	-0.1	-0.5	0.5	0.0	3.2
2002	3.0	3.0	2.7	2.4	5.6
2003	1.0	1.0	0.4	1.2	2.4
2004	0.8	0.9	0.9	-1.2	-0.6
2005	-0.4	-0.6	0.9	0.0	1.2
2006	1.3	1.1	3.0	1.2	1.7
2007	0.7	0.3	2.1	1.2	2.2
2008	2.4	1.9	4.5	3.5	4.4
2009	0.6	0.4	0.8	0.0	2.6
2010	-0.4	-0.5	-1.2	1.1	-0.5
2011	-0.5	-0.2	-1.6	-2.2	-2.1
2012	0.8	0.6	1.6	2.3	2.1
2013	-0.9	-1.1	-0.8	2.2	0.0
2014	1.4	1.0	4.0	2.2	2.1
2015	0.2	-0.3	3.8	0.0	1.0
2016	-0.3	-1.1	2.2	2.1	2.0
2017	-0.4	-0.2	1.4	2.1	-5.9
2018	0.1	0.0	3.5	2.0	-4.2
2019	0.6	0.2	2.7	2.0	0.0

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	30,700	28,600	1,050	400	600
2003	31,650	29,100	1,200	500	800
2004	31,500	29,000	1,200	500	800
2005	31,300	28,800	1,250	500	800
2006	31,850	29,300	1,250	500	800
2007	31,750	29,150	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	1,500	600	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	1,400	500	800
2017	33,400	30,700	1,300	500	900
2018	33,700	31,100	1,300	500	900
2019	34,300	31,700	1,300	500	900
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	2.0	1.6	5.0	0.0	9.1
2003	3.1	1.7	14.3	25.0	33.3
2004	-0.5	-0.3	0.0	0.0	0.0
2005	-0.6	-0.7	4.2	0.0	0.0
2006	1.8	1.7	0.0	0.0	0.0
2007	-0.3	-0.5	4.0	10.0	0.0
2008	1.4	1.0	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	7.1	0.0	0.0
2013	-2.9	-3.1	-6.7	-16.7	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	7.7	0.0	0.0
2017	0.6	0.7	-7.1	0.0	12.5
2018	0.9	1.3	0.0	0.0	0.0
2019	1.8	1.9	0.0	0.0	0.0

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	51,450	7,750	2,650	5,450
2002	70,150	53,750	8,050	2,700	5,700
2003	70,550	54,300	7,950	2,650	5,700
2004	71,500	55,200	8,000	2,600	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	8,400	2,600	5,900
2008	74,300	56,850	8,700	2,700	6,050
2009	73,700	56,150	8,750	2,650	6,150
2010	71,700	54,400	8,500	2,700	6,200
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	55,900	9,100	2,800	6,400
2015	74,500	55,600	9,500	2,800	6,500
2016	73,900	54,500	9,800	2,900	6,700
2017	73,200	54,100	10,000	2,900	6,100
2018	73,000	53,700	10,600	3,000	5,600
2019	72,900	53,100	11,000	3,100	5,600
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	0.3	2.0	1.9	2.8
2002	4.2	4.5	3.9	1.9	4.6
2003	0.6	1.0	-1.2	-1.9	0.0
2004	1.3	1.7	0.6	-1.9	0.0
2005	-0.5	-0.5	0.0	-1.9	0.0
2006	1.1	0.8	3.1	2.0	0.9
2007	0.6	0.4	1.8	0.0	2.6
2008	2.6	2.3	3.6	3.8	2.5
2009	-0.8	-1.2	0.6	-1.9	1.7
2010	-2.7	-3.1	-2.9	1.9	0.8
2011	-0.8	-0.6	-1.2	-3.7	-3.2
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	2.8	5.8	3.7	3.2
2015	0.4	-0.5	4.4	0.0	1.6
2016	-0.8	-2.0	3.2	3.6	3.1
2017	-0.9	-0.7	2.0	0.0	-9.0
2018	-0.3	-0.7	6.0	3.4	-8.2
2019	-0.1	-1.1	3.8	3.3	0.0

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	2,050
2002	17,100	11,650	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	2,150
2005	17,200	11,500	2,350	1,150	2,250
2006	17,500	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	2,700
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
2017	19,000	12,200	2,700	1,300	2,700
2018	18,900	12,200	2,700	1,300	2,700
2019	19,100	12,400	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	7.9
2002	0.0	0.0	0.0	0.0	4.9
2003	-0.9	-2.1	0.0	0.0	0.0
2004	0.9	0.9	2.2	0.0	0.0
2005	0.6	0.0	2.2	4.5	4.7
2006	1.7	0.4	4.3	0.0	4.4
2007	2.6	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	5.9
2010	0.3	1.2	-1.8	-4.0	-3.7
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
2017	0.0	-0.8	0.0	0.0	0.0
2018	-0.5	0.0	0.0	0.0	0.0
2019	1.1	1.6	0.0	0.0	0.0

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-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)
2017	6,000	(NA)	(NA)	(NA)	(NA)
2018	6,300	(NA)	(NA)	(NA)	(NA)
2019	4,500	(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)
2017	0.0	(NA)	(NA)	(NA)	(NA)
2018	5.0	(NA)	(NA)	(NA)	(NA)
2019	-28.6	(NA)	(NA)	(NA)	(NA)

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) by County in current and constant 2012 dollars is available for 2001 to 2019. Over that period, average annual GDP growth for the state was 4.5 percent, 5.1 percent for Honolulu, 4.4 percent for Hawaii County, 4.9 percent for Kauai County, and 5.0 percent for Maui County.

The constant dollar or real GDP, or that which is adjusted for inflation, had an average annual increase for the state of 2.2 percent. Among the counties, the highest at 2.7 percent was Honolulu, Maui at 2.6 percent, 2.5 percent for Kauai and 2.0 percent for Hawaii County.

Total statewide personal income increased an average 4.1 percent between 1990 and 2019 while the county increases were between 3.8 percent and 5.2 percent. From 1990 to 2019, annual average per capita personal income growth was led by Kauai County at 3.6 percent, followed by Maui and Hawaii counties at 3.4 percent and Honolulu at 3.3 percent. In 2019, per capita personal income in the three neighbor island counties was about 17-31 percent lower than in Honolulu County.

From 1990 to 2019, the average annual wage per job increased an average of 3.0 percent annually statewide, equal to that in Honolulu County but higher than the 2.9 percent increase in Hawaii and Maui counties, and lower than Kauai County's 3.1 percent.

In 2018, the Hawaii Department of Taxation discontinued reporting some tax categories, e.g. the individual income tax and general excise and use tax (GET) components, on a 'location of filer' basis for the counties, however, data at the state-level continue to be available.

Net individual income tax revenues increased statewide 261.1 percent from 1990 to 2019 and 207.6 percent for 1990 to 2017 while the greatest increase for 1990 to 2017 was in Hawaii County at 531.7 percent.

Statewide the total GET revenues increased an annual average 3.7 percent over the 1990 to 2019 period.

By category, the statewide GET base for retail sales totaled \$32.7 billion in 2017 and \$37.5 billion in 2019, representing an annual average increase of 3.5 percent between 1990 and 2017 and 3.8 percent between 1990 and 2019. For the 1990-2017 period, Honolulu County had the largest annual average increase in retail sales tax base at 3.7 percent.

Statewide, the GET base for services grew an average of 4.8 percent annually during 1990 to 2017 and 7.2 percent from 2017 to 2019. For the 1990 to 2017 period, Kauai and Maui counties experienced more than quadrupling of the services tax base while Honolulu and Hawaii counties more than tripled.

Reflecting the economic recovery started in 2010, the GET base for contracting increased in 2011 through 2019 excepting a single decline in 2014. By 2019, the contracting tax base totaled \$9.6 billion, 19.0 percent higher than the 2007 peak and 71.9 percent higher than the 2010 low.

The statewide GET base for hotel rental reached \$5.2 billion in 2017, representing a 229.7 percent increase from 1990. The base reached \$5.6 billion in 2019 for an 8.8 percent increase over 2017. For the 1990 to 2017 period, Kauai County had the largest increase at 261.6 percent.

Table C-1. GROSS DOMESTIC PRODUCT

[In thousands of dollars]

Year	State	Honolulu	Hawaii	Kauai	Maui
1990	32,534,300	(NA)	(NA)	(NA)	(NA)
1991	34,356,700	(NA)	(NA)	(NA)	(NA)
1992	36,129,500	(NA)	(NA)	(NA)	(NA)
1993	36,732,400	(NA)	(NA)	(NA)	(NA)
1994	37,394,900	(NA)	(NA)	(NA)	(NA)
1995	37,763,100	(NA)	(NA)	(NA)	(NA)
1996	38,124,600	(NA)	(NA)	(NA)	(NA)
1997	39,064,100	(NA)	(NA)	(NA)	(NA)
1997	37,700,700	(NA)	(NA)	(NA)	(NA)
1998	37,621,700	(NA)	(NA)	(NA)	(NA)
1999	39,246,900	(NA)	(NA)	(NA)	(NA)
2000	41,519,900	(NA)	(NA)	(NA)	(NA)
2001	42,982,753	3,904,348	32,609,332	1,891,536	4,577,537
2002	45,449,875	4,177,781	34,349,139	1,978,302	4,944,653
2003	48,922,824	4,583,300	36,726,379	2,142,820	5,470,325
2004	53,761,098	5,139,851	40,096,225	2,305,929	6,219,092
2005	58,658,681	5,861,555	43,215,172	2,487,471	7,094,484
2006	62,349,909	6,162,982	45,485,426	2,683,923	8,017,578
2007	65,223,775	6,303,882	47,560,735	2,853,421	8,505,738
2008	66,857,744	6,413,657	49,295,861	2,885,450	8,262,776
2009	65,711,283	6,110,099	49,234,135	2,678,256	7,688,792
2010	68,260,197	6,369,859	51,165,042	2,765,060	7,960,237
2011	70,630,118	6,482,862	52,873,914	2,884,904	8,388,438
2012	73,676,719	6,831,223	54,967,212	3,117,814	8,760,470
2013	75,807,782	6,911,375	56,661,239	3,338,082	8,897,086
2014	77,819,339	7,025,433	58,167,280	3,462,095	9,164,531
2015	82,644,012	7,612,958	62,589,696	3,677,426	8,763,932
2016	85,899,876	7,964,023	64,343,496	3,803,567	9,788,790
2017	89,618,600	8,632,109	67,077,387	3,927,760	9,981,344
2018	93,100,476	8,969,407	69,386,714	4,159,986	10,584,369
2019	95,744,312	9,491,699	70,808,812	4,448,334	10,995,468
Percentage Change from Previous Year					
1991	5.6	(NA)	(NA)	(NA)	(NA)
1992	5.2	(NA)	(NA)	(NA)	(NA)
1993	1.7	(NA)	(NA)	(NA)	(NA)
1994	1.8	(NA)	(NA)	(NA)	(NA)
1995	1.0	(NA)	(NA)	(NA)	(NA)
1996	1.0	(NA)	(NA)	(NA)	(NA)
1997	2.5	(NA)	(NA)	(NA)	(NA)
1998	-0.2	(NA)	(NA)	(NA)	(NA)
1999	4.3	(NA)	(NA)	(NA)	(NA)
2000	5.8	(NA)	(NA)	(NA)	(NA)
2001	3.5	(NA)	(NA)	(NA)	(NA)
2002	5.7	5.3	7.0	4.6	8.0
2003	7.6	6.9	9.7	8.3	10.6
2004	9.9	9.2	12.1	7.6	13.7
2005	9.1	7.8	14.0	7.9	14.1
2006	6.3	5.3	5.1	7.9	13.0
2007	4.6	4.6	2.3	6.3	6.1
2008	2.5	3.6	1.7	1.1	-2.9
2009	-1.7	-0.1	-4.7	-7.2	-6.9
2010	3.9	3.9	4.3	3.2	3.5
2011	3.5	3.3	1.8	4.3	5.4
2012	4.3	4.0	5.4	8.1	4.4
2013	2.9	3.1	1.2	7.1	1.6
2014	2.7	2.7	1.7	3.7	3.0
2015	6.2	7.6	8.4	6.2	-4.4
2016	3.9	2.8	4.6	3.4	11.7
2017	4.3	4.2	8.4	3.3	2.0
2018	3.9	3.4	3.9	5.9	6.0
2019	2.8	2.0	5.8	6.9	3.9

NA Not available.

1990 to 1997 classified according to Standard Industrial Code and 1997 to 2019 classified according to North American Industrial Classification System.

Source: U.S. Bureau of Economic Analysis, Interactive tables "CAGDP2 Gross domestic product (GDP) by county and metropolitan area" (December 9, 2020)

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

Table C-2. GROSS DOMESTIC PRODUCT PER CAPITA

[In dollars. Per capita GDP calculated using Census Bureau mid-year population estimates]

Year	State	Honolulu	Hawaii	Kauai	Maui
1990	29,218	(NA)	(NA)	(NA)	(NA)
1991	30,224	(NA)	(NA)	(NA)	(NA)
1992	31,183	(NA)	(NA)	(NA)	(NA)
1993	31,319	(NA)	(NA)	(NA)	(NA)
1994	31,489	(NA)	(NA)	(NA)	(NA)
1995	31,552	(NA)	(NA)	(NA)	(NA)
1996	31,671	(NA)	(NA)	(NA)	(NA)
1997	32,241	(NA)	(NA)	(NA)	(NA)
1997	31,115	(NA)	(NA)	(NA)	(NA)
1998	30,958	(NA)	(NA)	(NA)	(NA)
1999	32,427	(NA)	(NA)	(NA)	(NA)
2000	34,214	(NA)	(NA)	(NA)	(NA)
2001	35,061	36,940	25,739	32,019	34,566
2002	36,665	38,574	27,027	32,982	36,741
2003	39,102	41,067	28,927	35,241	39,756
2004	42,213	44,159	31,561	37,136	44,225
2005	45,376	47,066	34,841	39,570	49,457
2006	47,605	49,070	35,514	42,290	54,999
2007	49,574	51,398	35,468	44,246	57,426
2008	50,185	52,797	35,336	43,984	54,567
2009	48,794	52,200	33,274	40,264	50,125
2010	50,045	53,504	34,364	41,144	51,320
2011	51,206	54,659	34,653	42,495	53,421
2012	52,822	56,204	36,113	45,402	55,105
2013	53,831	57,462	36,098	47,939	55,230
2014	55,014	58,909	36,268	49,256	56,181
2015	58,116	63,154	38,847	51,779	53,441
2016	60,173	64,845	40,158	53,169	59,169
2017	62,917	68,005	43,165	54,684	60,045
2018	65,536	70,813	44,511	57,643	63,357
2019	67,622	72,657	47,102	61,532	65,643
Percentage Change from Previous Year					
1991	3.4	(NA)	(NA)	(NA)	(NA)
1992	3.2	(NA)	(NA)	(NA)	(NA)
1993	0.4	(NA)	(NA)	(NA)	(NA)
1994	0.5	(NA)	(NA)	(NA)	(NA)
1995	0.2	(NA)	(NA)	(NA)	(NA)
1996	0.4	(NA)	(NA)	(NA)	(NA)
1997	1.8	(NA)	(NA)	(NA)	(NA)
1998	-0.5	(NA)	(NA)	(NA)	(NA)
1999	4.7	(NA)	(NA)	(NA)	(NA)
2000	5.5	(NA)	(NA)	(NA)	(NA)
2001	2.5	(NA)	(NA)	(NA)	(NA)
2002	4.6	(NA)	(NA)	(NA)	(NA)
2003	6.6	6.5	7.0	6.8	8.2
2004	8.0	7.5	9.1	5.4	11.2
2005	7.5	6.6	10.4	6.6	11.8
2006	4.9	4.3	1.9	6.9	11.2
2007	4.1	4.7	-0.1	4.6	4.4
2008	1.2	2.7	-0.4	-0.6	-5.0
2009	-2.8	-1.1	-5.8	-8.5	-8.1
2010	2.6	2.5	3.3	2.2	2.4
2011	2.3	2.2	0.8	3.3	4.1
2012	3.2	2.8	4.2	6.8	3.2
2013	1.9	2.2	0.0	5.6	0.2
2014	2.2	2.5	0.5	2.7	1.7
2015	5.6	7.2	7.1	5.1	-4.9
2016	3.5	2.7	3.4	2.7	10.7
2017	4.6	4.9	7.5	2.8	1.5
2018	4.2	4.1	3.1	5.4	5.5
2019	3.2	2.6	5.8	6.7	3.6

NA Not available.

1990 to 1997 classified according to Standard Industrial Code and 1997 to 2019 classified according to North American Industrial Classification System.

Source: U.S. Bureau of Economic Analysis, Interactive tables "CAGDP2 Gross domestic product (GDP) by county and metropolitan area" (December 9, 2020)

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

Table C-3. GROSS DOMESTIC PRODUCT IN CONSTANT DOLLARS

[1990 to 1997 in thousands of chained 1997 dollars. 1997 to 2019 in thousands of chained 2012 dollars]

Year	State	Honolulu	Hawaii	Kauai	Maui
1990	39,175,900	(NA)	(NA)	(NA)	(NA)
1991	39,755,700	(NA)	(NA)	(NA)	(NA)
1992	40,834,400	(NA)	(NA)	(NA)	(NA)
1993	40,152,400	(NA)	(NA)	(NA)	(NA)
1994	40,061,800	(NA)	(NA)	(NA)	(NA)
1995	39,552,100	(NA)	(NA)	(NA)	(NA)
1996	39,132,400	(NA)	(NA)	(NA)	(NA)
1997	39,064,100	(NA)	(NA)	(NA)	(NA)
1997	55,741,200	(NA)	(NA)	(NA)	(NA)
1998	54,352,700	(NA)	(NA)	(NA)	(NA)
1999	55,174,200	(NA)	(NA)	(NA)	(NA)
2000	56,440,500	(NA)	(NA)	(NA)	(NA)
2001	56,133,331	5,114,486	42,666,025	2,446,013	5,899,577
2002	57,913,851	5,357,242	43,808,225	2,500,509	6,238,895
2003	60,828,515	5,750,065	45,639,197	2,660,366	6,768,516
2004	64,925,665	6,253,674	48,381,469	2,789,387	7,490,273
2005	68,552,974	6,910,011	50,438,884	2,907,290	8,288,008
2006	70,384,312	7,006,588	51,285,446	3,027,676	9,055,619
2007	71,179,707	6,901,371	51,936,003	3,103,770	9,228,367
2008	71,681,202	6,888,206	52,916,974	3,075,650	8,793,911
2009	69,122,455	6,423,525	51,888,193	2,795,186	8,015,445
2010	71,075,029	6,652,684	53,259,969	2,874,030	8,288,087
2011	72,236,262	6,639,022	54,035,469	2,956,465	8,605,141
2012	73,676,719	6,831,223	54,967,212	3,117,814	8,760,470
2013	74,294,104	6,748,932	55,590,914	3,262,797	8,691,871
2014	74,490,584	6,712,652	55,741,659	3,310,853	8,725,857
2015	77,176,595	7,133,490	58,503,267	3,437,798	8,109,848
2016	79,093,466	7,365,410	59,331,111	3,504,351	8,893,249
2017	81,039,514	7,839,133	60,742,942	3,552,113	8,909,981
2018	82,203,877	7,978,863	61,308,794	3,678,703	9,239,666
2019	82,471,416	8,221,411	61,094,332	3,829,072	9,328,861
Percentage Change from Previous Year					
1991	1.5	(NA)	(NA)	(NA)	(NA)
1992	2.7	(NA)	(NA)	(NA)	(NA)
1993	-1.7	(NA)	(NA)	(NA)	(NA)
1994	-0.2	(NA)	(NA)	(NA)	(NA)
1995	-1.3	(NA)	(NA)	(NA)	(NA)
1996	-1.1	(NA)	(NA)	(NA)	(NA)
1997	-0.2	(NA)	(NA)	(NA)	(NA)
1998	-2.5	(NA)	(NA)	(NA)	(NA)
1999	1.5	(NA)	(NA)	(NA)	(NA)
2000	2.3	(NA)	(NA)	(NA)	(NA)
2001	-0.5	(NA)	(NA)	(NA)	(NA)
2002	3.2	2.7	4.7	2.2	5.8
2003	5.0	4.2	7.3	6.4	8.5
2004	6.7	6.0	8.8	4.8	10.7
2005	5.6	4.3	10.5	4.2	10.7
2006	2.7	1.7	1.4	4.1	9.3
2007	1.1	1.3	-1.5	2.5	1.9
2008	0.7	1.9	-0.2	-0.9	-4.7
2009	-3.6	-1.9	-6.7	-9.1	-8.9
2010	2.8	2.6	3.6	2.8	3.4
2011	1.6	1.5	-0.2	2.9	3.8
2012	2.0	1.7	2.9	5.5	1.8
2013	0.8	1.1	-1.2	4.7	-0.8
2014	0.3	0.3	-0.5	1.5	0.4
2015	3.6	5.0	6.3	3.8	-7.1
2016	2.5	1.4	3.3	1.9	9.7
2017	2.5	2.4	6.4	1.4	0.2
2018	1.4	0.9	1.8	3.6	3.7
2019	0.3	-0.3	3.0	4.1	1.0

NA Not available.

1990 to 1997 classified according to Standard Industrial Code and 1997 to 2019 classified according to North American Industrial Classification System.

Source: U.S. Bureau of Economic Analysis, Interactive tables "CAGDP9 Real GDP by county and metropolitan area" (December 9, 2020)

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

Table C-4. GROSS DOMESTIC PRODUCT IN CONSTANT DOLLARS PER CAPITA

[1990 to 1997 in chained 1997 dollars. 1997 to 2019 in chained 2012 dollars. Per capita GDP calculated using Census Bureau mid-year population estimates]

Year	State	Honolulu	Hawaii	Kauai	Maui
1990	35,183	(NA)	(NA)	(NA)	(NA)
1991	34,973	(NA)	(NA)	(NA)	(NA)
1992	35,244	(NA)	(NA)	(NA)	(NA)
1993	34,235	(NA)	(NA)	(NA)	(NA)
1994	33,735	(NA)	(NA)	(NA)	(NA)
1995	33,047	(NA)	(NA)	(NA)	(NA)
1996	32,509	(NA)	(NA)	(NA)	(NA)
1997	32,241	(NA)	(NA)	(NA)	(NA)
1997	46,005	(NA)	(NA)	(NA)	(NA)
1998	44,726	(NA)	(NA)	(NA)	(NA)
1999	45,587	(NA)	(NA)	(NA)	(NA)
2000	46,510	(NA)	(NA)	(NA)	(NA)
2001	45,788	5,794	281,271	41,405	44,549
2002	46,719	6,016	283,409	41,688	46,357
2003	48,618	6,430	288,050	43,752	49,191
2004	50,979	6,887	297,089	44,921	53,264
2005	53,030	7,526	299,809	46,248	57,777
2006	53,740	7,559	295,532	47,706	62,120
2007	54,101	7,458	292,214	48,128	62,305
2008	53,806	7,377	291,544	46,883	58,075
2009	51,327	6,811	282,571	42,021	52,254
2010	52,109	6,957	287,328	42,765	53,434
2011	52,371	6,863	288,838	43,549	54,801
2012	52,822	6,985	290,584	45,402	55,105
2013	52,757	6,844	290,354	46,858	53,956
2014	52,661	6,798	287,757	47,104	53,492
2015	54,271	7,198	298,524	48,405	49,453
2016	55,405	7,423	299,175	48,987	53,756
2017	56,894	7,948	303,744	49,454	53,600
2018	57,866	8,143	304,248	50,974	55,308
2019	58,248	8,436	303,178	52,966	55,694
Percentage Change from Previous Year					
1991	-0.6	(NA)	(NA)	(NA)	(NA)
1992	0.8	(NA)	(NA)	(NA)	(NA)
1993	-2.9	(NA)	(NA)	(NA)	(NA)
1994	-1.5	(NA)	(NA)	(NA)	(NA)
1995	-2.0	(NA)	(NA)	(NA)	(NA)
1996	-1.6	(NA)	(NA)	(NA)	(NA)
1997	-0.8	(NA)	(NA)	(NA)	(NA)
1998	-2.8	(NA)	(NA)	(NA)	(NA)
1999	1.9	(NA)	(NA)	(NA)	(NA)
2000	2.0	(NA)	(NA)	(NA)	(NA)
2001	-1.6	(NA)	(NA)	(NA)	(NA)
2002	2.0	3.8	0.8	0.7	4.1
2003	4.1	6.9	1.6	5.0	6.1
2004	4.9	7.1	3.1	2.7	8.3
2005	4.0	9.3	0.9	3.0	8.5
2006	1.3	0.4	-1.4	3.2	7.5
2007	0.7	-1.3	-1.1	0.9	0.3
2008	-0.5	-1.1	-0.2	-2.6	-6.8
2009	-4.6	-7.7	-3.1	-10.4	-10.0
2010	1.5	2.1	1.7	1.8	2.3
2011	0.5	-1.3	0.5	1.8	2.6
2012	0.9	1.8	0.6	4.3	0.6
2013	-0.1	-2.0	-0.1	3.2	-2.1
2014	-0.2	-0.7	-0.9	0.5	-0.9
2015	3.1	5.9	3.7	2.8	-7.6
2016	2.1	3.1	0.2	1.2	8.7
2017	2.7	7.1	1.5	1.0	-0.3
2018	1.7	2.5	0.2	3.1	3.2
2019	0.7	3.6	-0.4	3.9	0.7

NA Not available.

1990 to 1997 classified according to Standard Industrial Code and 1997 to 2019 classified according to North American Industrial Classification System.

Source: U.S. Bureau of Economic Analysis, Interactive tables "CAGDP9 Real GDP by county and metropolitan area" (December 9, 2020) and "CAINC1 Personal Income Summary: Personal Income, Population, Per Capita Personal Population, Per Capita Personal Income" (November 17, 2020) <<https://www.bea.gov/itable/iTable.cfm?ReqID=70&step=1#reqid=70&step=1&isuri=1>>.

Table C-5. PERSONAL INCOME

[In thousands of dollars]

Year	State	Honolulu	Hawaii	Kauai	Maui
1990	24,979,076	20,038,505	2,026,536	960,349	1,953,686
1991	26,432,925	21,105,032	2,201,619	1,045,652	2,080,622
1992	28,434,498	22,665,937	2,334,976	1,130,647	2,302,938
1993	29,476,498	23,390,411	2,462,395	1,182,522	2,441,170
1994	30,163,706	23,857,762	2,557,164	1,209,634	2,539,146
1995	30,864,018	24,342,583	2,636,585	1,264,820	2,620,030
1996	30,894,933	24,282,200	2,698,938	1,261,158	2,652,637
1997	31,907,547	25,101,536	2,777,341	1,284,089	2,744,581
1998	32,531,130	25,412,931	2,934,325	1,312,259	2,871,615
1999	33,657,545	26,113,634	3,081,127	1,367,324	3,095,460
2000	35,682,033	27,571,297	3,326,966	1,469,363	3,314,407
2001	37,204,033	28,626,089	3,510,902	1,535,779	3,531,263
2002	38,954,769	29,894,595	3,725,896	1,597,358	3,736,920
2003	40,791,025	31,170,188	3,942,552	1,702,671	3,975,614
2004	43,977,375	33,368,413	4,379,204	1,888,102	4,341,656
2005	47,306,326	35,728,717	4,848,840	2,024,507	4,704,262
2006	50,701,090	38,249,805	5,227,476	2,159,942	5,063,867
2007	53,423,078	40,176,577	5,570,974	2,302,505	5,373,022
2008	56,059,909	42,118,992	5,903,907	2,412,045	5,624,965
2009	55,690,031	42,371,822	5,675,130	2,322,396	5,320,683
2010	57,179,141	43,397,685	5,869,367	2,375,385	5,536,704
2011	60,044,624	45,532,320	6,142,665	2,492,278	5,877,361
2012	62,455,917	47,177,994	6,369,930	2,599,394	6,308,599
2013	63,316,600	47,853,464	6,443,742	2,700,501	6,318,893
2014	66,846,123	50,354,664	6,863,938	2,889,753	6,737,768
2015	70,376,234	52,729,171	7,405,863	3,073,497	7,167,703
2016	73,047,987	54,567,246	7,748,127	3,216,155	7,516,459
2017	76,109,630	56,569,569	8,194,397	3,402,626	7,943,038
2018	78,436,115	58,129,300	8,509,388	3,585,277	8,212,150
2019	80,726,523	59,617,709	8,781,599	3,726,328	8,600,887
Percentage Change from Previous Year					
1991	5.8	5.3	8.6	8.9	6.5
1992	7.6	7.4	6.1	8.1	10.7
1993	3.7	3.2	5.5	4.6	6.0
1994	2.3	2.0	3.8	2.3	4.0
1995	2.3	2.0	3.1	4.6	3.2
1996	0.1	-0.2	2.4	-0.3	1.2
1997	3.3	3.4	2.9	1.8	3.5
1998	2.0	1.2	5.7	2.2	4.6
1999	3.5	2.8	5.0	4.2	7.8
2000	6.0	5.6	8.0	7.5	7.1
2001	4.3	3.8	5.5	4.5	6.5
2002	4.7	4.4	6.1	4.0	5.8
2003	4.7	4.3	5.8	6.6	6.4
2004	7.8	7.1	11.1	10.9	9.2
2005	7.6	7.1	10.7	7.2	8.4
2006	7.2	7.1	7.8	6.7	7.6
2007	5.4	5.0	6.6	6.6	6.1
2008	4.9	4.8	6.0	4.8	4.7
2009	-0.7	0.6	-3.9	-3.7	-5.4
2010	2.7	2.4	3.4	2.3	4.1
2011	5.0	4.9	4.7	4.9	6.2
2012	4.0	3.6	3.7	4.3	7.3
2013	1.4	1.4	1.2	3.9	0.2
2014	5.6	5.2	6.5	7.0	6.6
2015	5.3	4.7	7.9	6.4	6.4
2016	3.8	3.5	4.6	4.6	4.9
2017	4.2	3.7	5.8	5.8	5.7
2018	3.1	2.8	3.8	5.4	3.4
2019	2.9	2.6	3.2	3.9	4.7

Source: U.S. Bureau of Economic Analysis, "CAINC1 Personal Income Summary: Personal Income, Population, Per Capita Personal Income" (November 17, 2020)

<http://www.bea.gov/iTable/iTable.cfm?reqid=70&step=1&isuri=1&acrdn=7#reqid=70&step=1&isuri=1> .

Table C-6. PERSONAL INCOME PER CAPITA

[In dollars. Per capita calculated using Census Bureau mid-year population estimates]

Year	State	Honolulu	Hawaii	Kauai	Maui
1990	22,433	23,897	16,669	18,584	19,209
1991	23,253	24,815	17,299	19,589	19,703
1992	24,542	26,235	17,739	20,769	21,209
1993	25,133	26,875	18,228	21,322	21,807
1994	25,400	27,155	18,569	21,418	22,127
1995	25,788	27,618	18,767	22,163	22,223
1996	25,665	27,486	19,015	21,862	21,979
1997	26,334	28,309	19,228	22,250	22,355
1998	26,769	28,653	20,121	22,687	23,038
1999	27,809	29,712	20,964	23,468	24,536
2000	29,404	31,452	22,292	25,088	25,678
2001	30,347	32,428	23,145	25,997	26,666
2002	31,425	33,572	24,104	26,631	27,767
2003	32,603	34,854	24,883	28,002	28,893
2004	34,531	36,749	26,891	30,407	30,874
2005	36,594	38,912	28,821	32,205	32,794
2006	38,711	41,264	30,123	34,034	34,737
2007	40,605	43,418	31,345	35,703	36,276
2008	42,080	45,111	32,527	36,767	37,147
2009	41,352	44,925	30,905	34,914	34,687
2010	41,921	45,382	31,664	35,345	35,695
2011	43,532	47,070	32,835	36,712	37,429
2012	44,778	48,240	33,675	37,853	39,682
2013	44,961	48,530	33,656	38,782	39,225
2014	47,257	50,997	35,434	41,113	41,304
2015	49,489	53,205	37,790	43,276	43,708
2016	51,170	54,992	39,070	44,958	45,434
2017	53,433	57,352	40,976	47,373	47,783
2018	55,214	59,324	42,228	49,680	49,157
2019	57,015	61,174	43,578	51,545	51,348
Percentage Change from Previous Year					
1991	3.7	3.8	3.8	5.4	2.6
1992	5.5	5.7	2.5	6.0	7.6
1993	2.4	2.4	2.8	2.7	2.8
1994	1.1	1.0	1.9	0.5	1.5
1995	1.5	1.7	1.1	3.5	0.4
1996	-0.5	-0.5	1.3	-1.4	-1.1
1997	2.6	3.0	1.1	1.8	1.7
1998	1.7	1.2	4.6	2.0	3.1
1999	3.9	3.7	4.2	3.4	6.5
2000	5.7	5.9	6.3	6.9	4.7
2001	3.2	3.1	3.8	3.6	3.8
2002	3.6	3.5	4.1	2.4	4.1
2003	3.7	3.8	3.2	5.1	4.1
2004	5.9	5.4	8.1	8.6	6.9
2005	6.0	5.9	7.2	5.9	6.2
2006	5.8	6.0	4.5	5.7	5.9
2007	4.9	5.2	4.1	4.9	4.4
2008	3.6	3.9	3.8	3.0	2.4
2009	-1.7	-0.4	-5.0	-5.0	-6.6
2010	1.4	1.0	2.5	1.2	2.9
2011	3.8	3.7	3.7	3.9	4.9
2012	2.9	2.5	2.6	3.1	6.0
2013	0.4	0.6	-0.1	2.5	-1.2
2014	5.1	5.1	5.3	6.0	5.3
2015	4.7	4.3	6.6	5.3	5.8
2016	3.4	3.4	3.4	3.9	3.9
2017	4.4	4.3	4.9	5.4	5.2
2018	3.3	3.4	3.1	4.9	2.9
2019	3.3	3.1	3.2	3.8	4.5

Source: U.S. Bureau of Economic Analysis, Interactive Data "CAINC1 Personal Income Summary: Personal Income, Population, Per Capita Personal Income" (November 17, 2020)
<http://www.bea.gov/iTable/iTable.cfm?reqid=70&step=1&isuri=1&acrdn=7#reqid=70&step=1&isuri=1>

Table C-7. 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	31,576	32,757	27,310	27,329	28,837
2002	33,069	34,297	28,723	28,568	30,292
2003	34,258	35,501	29,915	29,567	31,525
2004	35,969	37,368	31,193	30,548	32,987
2005	37,360	38,789	32,647	31,984	34,369
2006	38,925	40,347	33,907	33,792	36,247
2007	40,662	42,170	35,147	35,995	37,773
2008	42,131	43,719	36,480	37,104	38,786
2009	42,900	44,604	36,671	38,052	38,751
2010	43,258	45,128	36,403	38,232	38,465
2011	44,025	46,073	36,348	38,741	38,851
2012	45,043	47,079	37,460	39,425	40,070
2013	45,440	47,430	38,234	40,207	40,420
2014	46,712	48,746	39,287	41,506	41,702
2015	48,381	50,450	40,779	43,216	43,322
2016	49,657	51,775	41,996	44,160	44,580
2017	50,982	53,269	42,497	45,171	46,003
2018	52,274	54,547	43,813	46,945	47,335
2019	54,143	56,754	44,930	47,783	48,664
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	4.1
2004	5.0	5.3	4.3	3.3	4.6
2005	3.9	3.8	4.7	4.7	4.2
2006	4.2	4.0	3.9	5.7	5.5
2007	4.5	4.5	3.7	6.5	4.2
2008	3.6	3.7	3.8	3.1	2.7
2009	1.8	2.0	0.5	2.6	-0.1
2010	0.8	1.2	-0.7	0.5	-0.7
2011	1.8	2.1	-0.2	1.3	1.0
2012	2.3	2.2	3.1	1.8	3.1
2013	0.9	0.7	2.1	2.0	0.9
2014	2.8	2.8	2.8	3.2	3.2
2015	3.6	3.5	3.8	4.1	3.9
2016	2.6	2.6	3.0	2.2	2.9
2017	2.7	2.9	1.2	2.3	3.2
2018	2.5	2.4	3.1	3.9	2.9
2019	3.6	4.0	2.5	1.8	2.8

Source: U.S. Bureau of Economic Analysis, ""CAINC30 Economic Profile" (November 17, 2020)
<http://www.bea.gov/iTable/iTable.cfm?reqid=70&step=1&isuri=1&acrdn=7#reqid=70&step=1&isuri=1> .

Table C-8. 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
2017	2,285,956	1,991,173	119,727	58,635	116,422
2018	2,496,323	(NA)	(NA)	(NA)	(NA)
2019	2,683,592	(NA)	(NA)	(NA)	(NA)
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
2017	7.9	7.8	1.1	20.3	11.7
2018	9.2	(NA)	(NA)	(NA)	(NA)
2019	7.5	(NA)	(NA)	(NA)	(NA)

NA Not available.

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. 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	2,567,818	2,141,374	161,024	69,723	195,696
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
2017	3,349,822	2,848,682	194,511	84,836	221,793
2018	3,426,525	(NA)	(NA)	(NA)	(NA)
2019	3,602,222	(NA)	(NA)	(NA)	(NA)
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
2017	4.5	3.8	8.2	4.3	11.4
2018	2.3	(NA)	(NA)	(NA)	(NA)
2019	5.1	(NA)	(NA)	(NA)	(NA)

NA Not available.

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-10. 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
2017	100,048,177	86,532,405	5,318,121	2,196,566	6,001,085
2018	111,630,450	(NA)	(NA)	(NA)	(NA)
2019	113,810,670	(NA)	(NA)	(NA)	(NA)
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
2017	11.4	11.5	8.6	13.4	12.8
2018	11.6	(NA)	(NA)	(NA)	(NA)
2019	2.0	(NA)	(NA)	(NA)	(NA)

NA Not available.

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-11. 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
2017	32,727,278	28,491,448	1,717,157	611,765	1,906,908
2018	36,356,218	(NA)	(NA)	(NA)	(NA)
2019	37,459,057	(NA)	(NA)	(NA)	(NA)
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
2017	12.7	12.3	15.8	16.0	15.2
2018	11.1	(NA)	(NA)	(NA)	(NA)
2019	3.0	(NA)	(NA)	(NA)	(NA)

NA Not available.

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-12. 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
2017	15,097,644	12,441,249	1,015,874	505,889	1,134,632
2018	16,663,348	(NA)	(NA)	(NA)	(NA)
2019	17,341,593	(NA)	(NA)	(NA)	(NA)
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
2017	11.4	11.8	1.2	20.0	14.1
2018	10.4	(NA)	(NA)	(NA)	(NA)
2019	4.1	(NA)	(NA)	(NA)	(NA)

NA Not available.

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-13. 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
2017	8,384,358	6,708,684	624,410	254,826	796,438
2018	9,455,622	(NA)	(NA)	(NA)	(NA)
2019	9,609,276	(NA)	(NA)	(NA)	(NA)
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
2017	1.2	2.1	-6.2	2.4	-0.7
2018	12.8	(NA)	(NA)	(NA)	(NA)
2019	1.6	(NA)	(NA)	(NA)	(NA)

NA Not available.

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-14. 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
2017	5,186,494	4,030,815	393,898	229,124	532,656
2018	5,644,187	(NA)	(NA)	(NA)	(NA)
2019	5,947,395	(NA)	(NA)	(NA)	(NA)
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
2015	4.1	6.8	-6.4	14.4	-11.5
2016	0.2	2.5	-9.0	-14.2	-4.4
2017	15.2	10.9	26.3	27.0	42.3
2018	8.8	(NA)	(NA)	(NA)	(NA)
2019	5.4	(NA)	(NA)	(NA)	(NA)

NA Not available.

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. 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
2017	346,653	214,551	83,766	19,745	28,591
2018	317,715	(NA)	(NA)	(NA)	(NA)
2019	307,818	(NA)	(NA)	(NA)	(NA)
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
2017	22.3	12.2	49.0	21.5	44.5
2018	-8.3	(NA)	(NA)	(NA)	(NA)
2019	-3.1	(NA)	(NA)	(NA)	(NA)

NA Not available.

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-16. 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
2017	504,898	387,351	38,957	26,180	52,410
2018	591,796	(NA)	(NA)	(NA)	(NA)
2019	637,375	(NA)	(NA)	(NA)	(NA)
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
2017	4.2	-6.4	80.0	11.0	104.2
2018	17.2	(NA)	(NA)	(NA)	(NA)
2019	7.7	(NA)	(NA)	(NA)	(NA)

NA Not available.

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/.

C-17. TRANSIENT ACCOMMODATION TAX DISTRIBUTIONS

[In thousands of dollars]

Year	Collections 1/	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
2017	504,898	401,898	103,000	45,423	19,158	14,935	23,484
2018	541,448	438,448	103,000	45,423	19,158	14,935	23,484
2019	575,861	472,861	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
2017	4.2	5.3	0.0	0.0	0.0	0.0	0.0
2018	7.2	9.1	0.0	0.0	0.0	0.0	0.0
2019	6.4	7.8	0.0	0.0	0.0	0.0	0.0

1/ Collections adjusted to reflect the distribution to the Mass Transit Fund beginning in CY2018.

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

After a drop to 6.4 million visitor arrivals in 2009 reflecting a global recession, visitor arrivals to Hawaii rebounded in 2010 and have shown an average 4.5 percent annual increase from 2010 to 2019 reaching a record high of 10.2 million in 2019.

Honolulu arrivals increased from 5,139,558 in 1990 to 6,154,248 in 2019 for an increase of 1,014,690 in arrivals by air. Hawaii had an increase in visitor arrivals by air of 636,531, Maui had 826,269, and Kauai had 141,179 more visitors in 2019 than 1990. Between 1990 and 2019, domestic visitor arrivals by air increased in all counties and international visitor arrivals by air increased in Honolulu and Hawaii but declined in Kauai and Maui counties.

Comparing the data for 1990 and 2019, one sees that the rate of increase in the daily census was greater than that of visitor arrivals suggesting an increase in the length of stay between the two endpoints. This rate of increase in daily census was seen in all counties but was greatest in Hawaii County. In 2019, the statewide daily visitor census was 245,733 visitors present in the islands on a typical day, representing one visitor per every six people in the islands. In Honolulu, it was one per nine, Hawaii County it was one per six, in Kauai one per three and Maui it was one per two people in the county.

Compared with 1990, all counties had a higher daily visitor census in 2019 with Honolulu County showing the largest numeric increase at 31,813.

All counties gained visitor accommodation units from 1990 to 2019. Honolulu County gained 2,341 units during the period. Hawaii County gained 1,553 visitor units, Kauai County added 1,490 units, and Maui County showed greatest gain at 3,904 units.

Statewide hotel occupancy rate marked the highest level at 81.1 percent in 2005, falling to 64.8 percent in 2009, the lowest level since 1990. With a rapid recovery in the Hawaii tourism market which started in 2010, statewide hotel occupancy increased to 80.2 percent in 2017, 80.3 percent in 2018 and 81.2 percent in 2019. Oahu and the neighbor islands generally showed quite different occupancy rates in any year. While occupancy on Oahu was as high as 84.2 percent in 2019, occupancy rates on the neighbor islands were lower. Maui County showed the highest occupancy among the three counties at 77.7 percent in 2019, followed by Hawaii County at 77.1 percent and Kauai County at 76.3 percent.

In 2019, the average daily hotel room rate statewide reached \$282.41 and was highest in Maui County at \$399.50 a night, largely due to the greater share of luxury hotel rooms. Honolulu County had the lowest average room rate at \$240.46 a night. Statewide, the room rate more than doubled between 1990 and 2019. The statewide room rate increased by 3.6 percent on average per year over the period with the largest gain in Maui County at 4.0 percent, followed by Kauai County at 3.9 percent, Honolulu County at 3.3 percent, and Hawaii County at 2.6 percent annually.

Table D-1. TOTAL VISITOR ARRIVALS BY AIR

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
2017	9,277,613	5,683,344	1,767,144	1,285,443	2,799,654
2018	9,761,448	5,862,358	1,706,218	1,389,300	2,963,564
2019	10,243,165	6,154,248	1,763,904	1,370,029	3,111,131
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
2017	5.2	4.3	14.0	8.3	4.5
2018	5.2	3.1	-3.4	8.1	5.9
2019	4.9	5.0	3.4	-1.4	5.0

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

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
2017	6,239,748	3,009,467	1,292,724	1,125,560	2,303,733
2018	6,736,736	3,217,740	1,291,109	1,209,338	2,473,377
2019	7,253,806	3,513,070	1,361,151	1,211,260	2,650,787
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
2017	4.5	3.3	8.8	7.1	4.3
2018	8.0	6.9	-0.1	7.4	7.4
2019	7.7	9.2	5.4	0.2	7.2

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

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
2017	3,037,865	2,673,878	474,420	159,883	495,921
2018	3,024,712	2,644,617	415,108	179,962	490,187
2019	2,989,359	2,641,178	402,753	158,769	460,345
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
2017	6.5	5.5	31.0	17.0	5.5
2018	-0.4	-1.1	-12.5	12.6	-1.2
2019	-1.2	-0.1	-3.0	-11.8	-6.1

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

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	42,863
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	17,046	41,795
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	89,775	27,579	19,682	48,409
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
2017	229,063	105,062	35,521	26,416	62,065
2018	240,341	110,901	35,024	28,463	65,954
2019	245,733	114,596	35,556	27,695	67,885
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	7.2	18.0	4.3	6.4
2006	2.2	-0.7	2.7	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
2017	5.2	4.0	11.5	6.3	3.5
2018	4.9	5.6	-1.4	7.7	6.3
2019	2.2	3.3	1.5	-2.7	2.9

Arrivals by air.

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	(NA)	(NA)	(NA)	(NA)	(NA)
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
2017	80,709	38,879	11,286	8,821	21,723
2018	80,751	39,089	10,811	9,022	21,829
2019	80,554	39,240	10,505	9,036	21,773
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	(NA)	(NA)	(NA)	(NA)	(NA)
1996	(NA)	(NA)	(NA)	(NA)	(NA)
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
2017	2.0	4.0	-0.6	4.5	-0.8
2018	0.1	0.5	-4.2	2.3	0.5
2019	-0.2	0.4	-2.8	0.2	-0.3

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 2019*, Table 104.

Table D-6. HOTEL OCCUPANCY RATE

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	79.0	83.9	68.7	72.7	75.9
2017	80.2	83.5	74.8	75.7	77.0
2018	80.3	83.7	74.6	77.5	75.9
2019	81.2	84.2	77.1	76.3	77.7
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	0.3	-1.2	3.0	1.6	1.6
2017	1.2	-0.4	6.1	3.0	1.1
2018	0.1	0.2	-0.2	1.8	-1.1
2019	0.9	0.5	2.5	-1.2	1.8

Annual average. Consistent with DBEDT *Quarterly Statistical & Economic Report 2020Q4* 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

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	128.91	111.61	145.11	138.16	155.50
1999	131.66	107.93	162.44	144.27	161.05
2000	140.58	115.17	166.92	148.48	168.89
2001	144.88	116.22	173.78	151.37	184.13
2002	140.54	111.46	172.80	156.78	181.25
2003	144.16	116.27	156.74	166.84	183.58
2004	152.17	123.34	167.51	177.21	194.96
2005	166.86	139.68	173.67	184.10	214.41
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	219.62	232.20	242.60	317.58
2016	254.84	227.51	242.42	253.25	332.52
2017	264.49	233.02	249.04	263.87	353.64
2018	278.07	238.16	261.43	291.45	385.39
2019	282.41	240.46	265.26	281.90	399.50
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	3.2	-1.5	16.4	2.5	15.4
1999	2.1	-3.3	11.9	4.4	3.6
2000	6.8	6.7	2.8	2.9	4.9
2001	3.1	0.9	4.1	1.9	9.0
2002	-3.0	-4.1	-0.6	3.6	-1.6
2003	2.6	4.3	-9.3	6.4	1.3
2004	5.6	6.1	6.9	6.2	6.2
2005	9.7	13.2	3.7	3.9	10.0
2006	12.2	12.4	10.3	3.2	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	3.0	0.3	3.3	7.3
2016	4.2	3.6	4.4	4.4	4.7
2017	3.8	2.4	2.7	4.2	6.4
2018	5.1	2.2	5.0	10.5	9.0
2019	1.6	1.0	1.5	-3.3	3.7

In dollars.

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 2019 was \$70.4 billion statewide, with the important caveat that since late 2001, only residential permits for Kauai County have been available for compilation. Of that \$70.4 billion, 37.6 percent was residential, 10.9 percent was commercial and industrial, and 51.4 percent was additions and alterations. Over the period, 57.4 percent of the permit value was for Honolulu County, 20.2 percent for Hawaii County, 16.2 percent for Maui, and 6.2 percent for Kauai County (residential only since late 2001).

Private building permit value was \$2.1 billion in 1990, declining 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, the value then decreased for five years to reach \$1.9 billion in 2011. The value of permits issued started to increase again in 2012 registering \$3 to \$4 billion in permits issued every year from 2014.

In 2019, a total permit value of \$3.2 billion was issued statewide. Of that, \$2.1 billion, or 64.0 percent of the total was for construction in Honolulu County, \$552 million or 17.1 percent in Hawaii County, \$483 million or 15.0 percent in Maui County, and \$123 million or 3.8 percent was in Kauai County (residential only).

In 2019, 37.6 percent of statewide private building permit value was for residential

construction. For Honolulu County, the percentage of residential permits was 28.7 percent while 50.2 percent of the permit value in Hawaii County was for residential construction, and 45.1 percent of the permit value in Maui County was for residential construction. Since late 2001, only residential permit data are available for Kauai County.

Permit values for commercial and industrial construction increased by 87.6 percent in 2017 which was followed by an increase of 1.6 percent in 2018 and a decline of 12.3 percent in 2019. In 2019, the permit value increased 13.4 percent in Honolulu County and 24.4 percent in Hawaii County while it declined 40.5 percent in Maui County.

The remaining component, additions and alterations, increased dramatically in 2012 with a surge in installation of solar photovoltaic systems. The statewide permit value for additions and alterations increased by 73.5 percent in that year. This high level of additions and alteration activities reversed to a decline of 8.9 percent statewide in 2013. Activity rallied in 2014 with 30.8 percent growth statewide, followed by declines of 12.1 percent statewide in 2015, 1.7 percent in 2016, and 22.4 percent in 2017. 2019 saw an increase statewide of 12.7 percent led by a 25.1 percent increase in Maui County, with increases of 12.5 percent in Honolulu and 6.2 percent in Hawaii County.

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
2017	3,127,828	2,007,815	497,218	145,266	477,528
2018	3,268,292	1,985,648	578,662	144,149	559,832
2019	3,221,446	2,063,293	552,078	123,067	483,008
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
2017	-3.5	-6.2	-13.7	4.9	24.1
2018	4.5	-1.1	16.4	-0.8	17.2
2019	-1.4	3.9	-4.6	-14.6	-13.7

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
2017	1,504,674	869,555	279,915	145,266	209,937
2018	1,395,836	679,700	331,599	144,149	240,388
2019	1,211,631	593,090	277,418	123,067	218,056
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
2017	3.9	16.7	-24.6	4.9	8.8
2018	-7.2	-21.8	18.5	-0.8	14.5
2019	-13.2	-12.7	-16.3	-14.6	-9.3

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
2017	395,850	227,420	48,693	(NA)	119,738
2018	402,161	129,844	67,126	(NA)	205,191
2019	352,717	147,179	83,524	(NA)	122,014
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	9.4	-15.8	-2.9	(NA)	45.9
2014	68.1	211.5	44.1	(NA)	-3.8
2015	41.0	-12.7	-55.3	(NA)	226.3
2016	-70.0	-69.3	-13.9	(NA)	-76.9
2017	87.6	233.0	13.1	(NA)	20.2
2018	1.6	-42.9	37.9	(NA)	71.4
2019	-12.3	13.4	24.4	(NA)	-40.5

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. Not available for Kauai for November 2001.

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
2017	1,227,303	910,840	168,610	(NA)	147,853
2018	1,470,295	1,176,104	179,937	(NA)	114,253
2019	1,657,098	1,323,024	191,136	(NA)	142,938
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
2017	-22.4	-31.4	4.2	(NA)	60.5
2018	19.8	29.1	6.7	(NA)	-22.7
2019	12.7	12.5	6.2	(NA)	25.1

NA Not available.

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

F. Business and Production

The U.S. Census Bureau reported a state total of 32,952 business establishments in 2018. Although that was 3,639 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 1,510 between 1990 and 2018, Hawaii County increased by 811 establishments, Honolulu County gained 426 establishments, and Kauai County gained 668 establishments over the twenty-eight-year period. Statewide, or those establishments with no fixed location or those with unknown county location, increased by 224. Compared to the prior year, the number of business establishments in 2018 increased in the three neighbor island counties but declined in Honolulu. There was an increase in those with no fixed location.

An alternative count, conducted by the Hawaii State Department of Labor and Industrial Relations, shows the total number of private employers grew by 15,552 between 1990 and 2019. The largest gain was in Honolulu County with 9,316 more employers in 2019 than in 1990. Maui County added 2,963, the County of Hawaii gained 2,160, and Kauai County added 1,113 between 1990 and 2019. In terms of average annual growth rate over the period, Maui County marked the highest annual growth at 2.4 percent, followed by Kauai County at 1.9 percent and Hawaii County at 1.7 percent, and Honolulu at 1.4 percent. Statewide in 2019, 95.4 percent of the private employers had fewer than 50 employees with the individual counties ranging between 95.0 and 96.3 percent.

Sugar plantation agriculture ended by 1997 in the counties of Honolulu and Hawaii. Though still operating in the counties of Kauai and Maui, the total value of sugar sales in Kauai in 2009 was less than one-third of what the island had in 1990. The value of sugar sales in Maui also decreased from \$69.6 million in 1990 to \$30 million in 2009 but rose to \$78.1 million in 2011. The total statewide sales value was \$44.2 million in 2008 and 2009, which was only 20.7 percent of the sales value in 1990. In 2010, the value rose to \$69.8 million for an increase of 57.9 percent from the previous year. In 2011 the value rose again, to \$78.1 million, then the value rose and fell over the first half of the decade and rose to \$54.4 million in 2016, the final year of operation.

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 2006 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 significantly from 1990 to 2011. The value of sales reached \$524.8 million statewide in 2011, representing an increase of 181.5 percent between 1990 and 2011. Beginning in 2012, however, there was a series of annual declines for a total value of \$391.3 million in 2016. Individual county statistics are not available after 2004 at which time the shares of the \$315.1 million sales were County of Hawaii at 45.7 percent, Honolulu at 26.7 percent, Maui at 17.3 percent, and Kauai at 10.3 percent.

Table F-1. BUSINESS ESTABLISHMENTS

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

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
2016	32,350	207	21,404	4,032	2,087	4,620
2017	32,800	212	21,628	4,132	2,123	4,705
2018	32,952	231	21,602	4,187	2,183	4,749
Percentage Change from Previous Year						
1991	1.4	-42.9	0.4	4.7	4.1	4.0
1992	2.5	0.0	1.4	5.0	8.8	3.4
1993	-1.0	75.0	-1.4	-1.1	0.3	0.6
1994	-0.5	-85.7	-0.9	-1.0	-0.1	2.2
1995	-0.2	0.0	-0.3	0.4	-4.1	1.7
1996	0.1	0.0	-0.1	0.7	-3.2	1.9
1997	0.1	(2/)	-0.1	-1.4	2.1	1.6
1998	-1.3	(2/)	-1.4	-1.9	0.0	-0.5
1999	-0.1	(2/)	-0.4	-0.1	1.1	1.2
2000	1.0	(2/)	0.3	2.3	3.0	2.6
2001	1.1	(2/)	0.8	1.6	1.9	1.7
2002	1.5	(2/)	0.7	2.1	4.4	3.8
2003	1.4	83.3	0.9	2.4	2.5	2.4
2004	1.8	309.1	1.4	2.0	2.4	2.2
2005	2.0	24.4	1.3	4.7	1.4	3.0
2006	2.7	-3.6	2.0	4.4	5.0	3.7
2007	0.8	-7.4	0.5	1.6	0.6	1.7
2008	-1.4	14.0	-1.1	-2.4	-2.7	-2.1
2009	-1.6	1.8	-1.3	-1.5	-3.0	-2.5
2010	-1.3	0.0	-0.7	-3.6	-0.3	-2.7
2011	-1.5	155.2	-2.1	-1.9	-0.4	-0.4
2012	0.1	-20.9	0.2	-1.6	2.0	0.7
2013	0.4	11.1	-0.1	0.5	2.2	1.5
2014	0.6	20.0	0.1	1.0	0.1	2.0
2015	0.4	19.2	-0.1	1.0	1.3	1.0
2016	1.4	11.3	1.1	0.7	3.6	1.7
2017	1.4	2.4	1.0	2.5	1.7	1.8
2018	0.5	9.0	-0.1	1.3	2.8	0.9

1/ Employers without a fixed location within the State or of unknown county location.

2/ Calculations involving zero not meaningful.

Source: U.S. Census Bureau, *County Business Patterns* <<https://www.census.gov/programs-surveys/cbp/data.html>>

Table F-2. NUMBER OF PRIVATE EMPLOYERS

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

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
2017	39,911	26,856	5,113	2,426	5,516
2018	40,858	27,452	5,262	2,495	5,649
2019	42,823	28,745	5,470	2,603	6,005
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
2017	3.8	4.7	1.9	2.5	1.8
2018	2.4	2.2	2.9	2.8	2.4
2019	4.8	4.7	4.0	4.3	6.3

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
2017	37,993	25,478	4,913	2,322	5,280
2018	38,917	26,057	5,060	2,393	5,407
2019	40,846	27,321	5,268	2,495	5,762
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
2017	4.0	5.0	2.0	2.3	1.8
2018	2.4	2.3	3.0	3.1	2.4
2019	5.0	4.9	4.1	4.3	6.6

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	595,030	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	495,688	156,582	141,910	65,988	123,823
1997	488,105	142,256	149,965	63,425	126,266
1998	493,342	160,819	142,522	54,728	135,373
1999	512,992	179,324	144,470	57,933	131,265
2000	499,771	177,704	154,240	46,739	121,047
2001	502,178	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)
2016	502,885	(NA)	(NA)	(NA)	(NA)
2017	474,536	(NA)	(NA)	(NA)	(NA)
Percentage Change from Previous Year					
1991	-7.3	-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	0.5	-3.7	-3.1	10.7	-0.7
1997	-1.5	-9.1	5.7	-3.9	2.0
1998	1.1	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)
2016	-4.7	(NA)	(NA)	(NA)	(NA)
2017	-5.6	(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)
2016	54,375	(NA)	(NA)	(NA)	(NA)
2017	(2/)	(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)
2016	12.9	(NA)	(NA)	(NA)	(NA)
2017	(2/)	(NA)	(NA)	(NA)	(NA)

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

1/ Calculations involving zero not meaningful.

2/ Hawaii's last sugar operation closed at the end of 2016.

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)
2016	(D)	(D)	(D)	(D)	(D)
2017	(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)
2016	(D)	(D)	(D)	(D)	(D)
2017	(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

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

[In thousands of dollars]

Year	State	Honolulu	Hawaii	Kauai	Maui
1990	186,421	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	224,657	41,973	124,215	23,014	29,352
1997	243,085	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)
2016	391,342	(D)	(D)	(D)	(D)
2017	(NA)	(D)	(D)	(D)	(D)
Percentage Change from Previous Year					
1991	-2.7	0.3	-7.2	29.9	-0.6
1992	-2.9	-1.9	-3.2	-11.1	-0.3
1993	1.5	-2.6	-0.4	16.1	8.8
1994	5.3	1.1	3.3	40.1	4.6
1995	9.5	10.7	10.9	37.3	-8.9
1996	9.0	6.3	6.7	13.4	-1.8
1997	8.2	4.6	5.4	20.9	16.7
1998	-1.0	37.2	-7.0	-24.8	10.1
1999	5.9	15.0	0.2	28.1	-2.3
2000	5.1	6.4	5.1	-9.0	12.6
2001	5.8	4.9	4.9	4.1	11.4
2002	1.8	7.1	-4.4	9.7	7.0
2003	2.5	0.6	3.0	20.5	-5.6
2004	6.5	1.2	8.8	-3.6	16.9
2005	12.9	(NA)	(NA)	(NA)	(NA)
2006	5.6	(NA)	(NA)	(NA)	(NA)
2007	19.9	(NA)	(NA)	(NA)	(NA)
2008	6.0	(NA)	(NA)	(NA)	(NA)
2009	6.6	(NA)	(NA)	(NA)	(NA)
2010	0.8	(NA)	(NA)	(NA)	(NA)
2011	2.1	(NA)	(NA)	(NA)	(NA)
2012	-13.4	(NA)	(NA)	(NA)	(NA)
2013	-2.4	(NA)	(NA)	(NA)	(NA)
2014	-5.2	(NA)	(NA)	(NA)	(NA)
2015	-5.2	(NA)	(NA)	(NA)	(NA)
2016	-1.8	(NA)	(NA)	(NA)	(NA)
2017	(NA)	(NA)	(NA)	(NA)	(NA)

For 1990, 1992-1994, 1996, 1997, and 2003 counties do not add to State total.

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

Source: USDA, NASS, Hawaii Field Office, *Statistics of Hawaii Agriculture* (annual), records, and for 200: http://www.nass.usda.gov/Statistics_by_State/Hawaii/Publications/Annual_Statistical_Bulletin/index.asp.

G. Utilities

Water consumption in 2019 increased statewide by 176 million gallons or 0.2 percent over the previous year. Hawaii County saw the biggest increase with 324 million gallons or a 3.6 percent. Honolulu County consumption increased 21 million gallons or (rounding to) 0.0 percent; Kauai County declined 94 million gallons or 2.3 percent and Maui County showed decline of 75 million gallons or 0.6 percent over the previous year.

Statewide electricity sales in 2019 was 9,201 million KWH, which was 10.7 percent higher than sales in 1990, but 13.1 percent lower than sales in the peak year 2007. As compared with 2018, sales statewide in 2019 was 61 million KWH or 0.7 percent higher. This net statewide increase in 2019 was due to a slight decline in sales in Hawaii but slight increases in the other counties.

The number of total residential electricity customers increased to 439,022 in 2019 or by 37.1 percent between 1990 and 2019. The City and County of Honolulu gained 53,791 customers, Hawaii County added 32,977, Maui County increased by 22,330, and Kauai County had 9,709 more electricity customers in 2019 than in 1990.

Statewide utility gas sales from 1990 to 2019 increased 6.5 percent over the period but reflected an average annual increase of 0.2 percent. Honolulu, Hawaii and Maui County showed less than 1 percent increases over the period. Kauai County, however, showed a significant increase in gas sales during the period. Gas sales in Kauai more than tripled from 1990 to 2019, registering 4.7 percent annual increase on average during the period with increases of 8.2 percent in 2018 and 6.8 percent in 2019.

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
2017	73,197	47,848	9,701	4,025	11,623
2018	72,193	47,494	8,935	4,015	11,749
2019	72,369	47,515	9,259	3,921	11,674
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
2017	-1.0	-1.2	0.5	-0.6	-1.4
2018	-1.4	-0.7	-7.9	-0.2	1.1
2019	0.2	0.0	3.6	-2.3	-0.6

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
2017	9,136	6,549	1,047	445	1,095
2018	9,140	6,526	1,064	451	1,099
2019	9,201	6,563	1,050	461	1,127
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
2017	-1.6	-1.7	-1.9	1.4	-2.1
2018	0.0	-0.4	1.6	1.4	0.4
2019	0.7	0.6	-1.4	2.1	2.6

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
2017	435,104	271,065	74,274	28,863	60,902
2018	436,545	271,807	74,288	29,040	61,410
2019	439,022	272,590	75,142	29,333	61,957
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
2017	0.8	0.2	3.3	0.6	0.7
2018	0.3	0.3	0.0	0.6	0.8
2019	0.6	0.3	1.1	1.0	0.9

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
2017	36,186	32,460	2,676	192	857
2018	37,571	33,766	2,689	208	909
2019	37,082	33,243	2,663	222	954
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
2017	1.9	1.3	8.6	4.1	3.4
2018	3.8	4.0	0.5	8.2	6.0
2019	-1.3	-1.5	-1.0	6.8	5.0

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 2018 at 66.9 percent statewide, a rate much higher than the population growth. Maui County had the highest growth in voter registration at 120.6 percent, followed by Hawaii County at 106.3 percent, Kauai County at 63.7 percent and Honolulu at 53.2 percent. However, of the registered voters in the state, about 52.7 percent of them went to vote in the 2018 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 2018 was highest at 58.1 percent in Kauai County, followed by 52.5 percent in Honolulu, 52.4 percent in Maui County, and 51.5 percent in Hawaii County.

Statewide number of hospital beds was quite stable until 2010--averaging 2,562 beds from 1990 to 2010. The statewide number was 200-300 lower during 2011 – 2014, but the number increased to about 2,500 during 2014-2018. From 1990 to 2018, Honolulu and Kauai counties experienced a decrease of 117 and 3 beds respectively, while Hawaii gained 88 and Maui 82 beds.

The number of recipients of temporary assistance to needy families declined every year since 1998 except the period of 2009-2013. The statewide number of recipients declined from 48,300 persons in 1998 to 10,153 in 2019. Over the period the state total and all counties declined, led by Honolulu with a decline of 82.8 percent, Kauai 79.9 percent, Maui 71.7 percent and Hawaii 69.0 percent. The number of recipients of temporary assistance to other

needy families also dropped significantly for all the counties, ranging from 91.6 percent in Honolulu to 97.6 in Kauai County.

The average monthly number of individuals served by the food stamp program was 79,496 statewide in 1990. The number served increased annually to 129,430 in 1996, then generally declined annually, to serve 88,848 in 2007. The number served peaked in 2014 at 193,565 followed by four years of decline reaching a statewide total of 158,628 in 2019. From the 1996 peak to 2019, there was a 22.6 percent increase. In terms of number of individuals served from the 1996 peak to 2019, Maui County had the largest percentage increase at 68.2 percent, then Hawaii County at 47.8 percent, Kauai County at 16.1 percent, and Honolulu at 8.9 percent.

In 2018, there were a total of 1,267,136 vehicles registered in the state. From 1990 to 2018, the average increase in registered vehicles was 13,501 per year, with Honolulu at 6,451 per year, Hawaii County at 3,387 per year, Maui County at 2,598 per year, and 1,065 per year for Kauai.

There was an average of 69,803 crime cases a year statewide during the 1990-2005 period. However, it decreased by 15.6 percent to 52,910 cases from 2006 to 2010, continuing in 2011 and 2012, then 3 years of increases followed by 2 years of decline in 2016 and 2017 or 6.4 percent and 4.0 percent respectively. Honolulu had 68.0 percent of the state total of 43,969 in 2017, Maui had 14.0 percent, Hawaii County 13.4 percent, and Kauai County 4.5 percent. Between 2016 and 2017, cases declined in Honolulu and Maui and increased in Hawaii and 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
2018	756,751	500,163	115,406	44,461	96,721
Percentage Change from Previous Year					
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
2018	0.9	0.3	2.1	0.3	3.0

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
2018	398,657	262,700	59,482	25,825	50,650
Percentage Change from Previous Year					
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	-44.3	-44.9	-61.3	-23.6	-27.5
2018	-73.1	-73.3	-101.1	-41.1	-49.0

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
2016	2,495	1,834	308	111	242
2017	2,535	1,874	308	111	242
2018	2,582	1,900	324	111	247
Percentage Change from Previous Year					
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
2015	3.9	1.7	13.8	9.9	7.6
2016	1.6	1.1	6.9	0.0	0.0
2017	1.6	2.2	0.0	0.0	0.0
2018	1.9	1.4	5.2	0.0	2.1

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
2017	12,942	7,154	3,832	573	1,383
2018	11,287	6,218	3,338	465	1,266
2019	10,153	5,604	3,045	453	1,050
Percentage Change from Previous Year					
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
2016	-14.2	-13.0	-16.5	-8.9	-15.8
2017	-17.3	-16.8	-18.5	-14.9	-16.8
2018	-12.8	-13.1	-12.9	-18.8	-8.5
2019	-10.0	-9.9	-8.8	-2.5	-17.0

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
2017	2,906	2,139	514	82	171
2018	2,210	1,678	374	46	112
2019	1,829	1,387	306	36	101
Percentage Change from Previous Year					
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
2017	-25.3	-27.6	-20.2	-13.7	-11.9
2018	-24.0	-21.6	-27.2	-43.9	-34.5
2019	-17.2	-17.4	-18.3	-21.0	-10.0

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
2017	170,850	97,328	44,756	8,763	20,003
2018	164,788	94,204	43,483	8,267	18,834
2019	158,628	91,448	41,811	7,824	17,545
Percentage Change from Previous Year					
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
2017	-4.6	-4.8	-3.0	-5.9	-6.6
2018	-3.5	-3.2	-2.8	-5.7	-5.8

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
2016	1,232,731	776,653	196,647	81,751	177,680
2017	1,259,544	791,739	202,744	84,259	180,802
2018	1,267,136	793,379	205,682	85,748	182,327
Percentage Change from Previous Year					
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
2016	-0.1	-0.5	1.0	-0.2	0.9
2017	2.2	1.9	3.1	3.1	1.8
2018	0.6	0.2	1.4	1.8	0.8

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
2016	45,805	32,558	5,395	1,661	6,191
2017	43,969	29,917	5,881	1,996	6,175
Percentage Change from Previous Year					
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
2016	-6.4	-2.9	-24.0	-4.5	-5.7
2017	-4.0	-8.1	9.0	20.2	-0.3

NA Not available.

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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Contact: Research & Economic Analysis Division
Department of Business, Economic Development & Tourism
250 S. Hotel St.
Honolulu, HI 96813
(808) 586-2466

