

# DBEDT

THE DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM  
STATE OF HAWAII

## *Quarterly Statistical & Economic Report*



*4th Quarter 2016*



This *Quarterly Statistical and Economic Report* has been prepared by the staff of the Research and Economic Analysis Division of the State Department of Business, Economic Development & Tourism (DBEDT). The report provides concise statistical information and analyses on Labor, Income and Prices, Taxes, Tourism, Construction, and other indicators, as well as an overview of the State of Hawaii and the four counties.

Technical notes and source descriptions have been kept to a minimum. However, the staff of the Research and Economic Analysis Division would be happy to respond to any inquiries of a technical nature that readers may have (586-2466). The quarterly information contained in this report reflects data received by the Research Division on or before November 15, 2016.

#### On-line availability of *Quarterly Statistical and Economic Report*

Since 1988, the Hawaii Department of Business, Economic Development & Tourism has had the *State of Hawaii Data Book* available on-line to anyone with a personal computer and a modem. Since 1997, the *Quarterly Statistical and Economic Report*, *State of Hawaii Data Book* and other DBEDT publications and information have been made available via the Internet at <http://dbedt.hawaii.gov/economic/>.

Printing of the *QSER* was discontinued in March 2000. The full version and a *QSER Executive Summary* will be available on-line at <http://dbedt.hawaii.gov/economic/qser/>.

For further information about available data and sources, users should call the Research and Economic Analysis Division at (808) 586-2466.

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## STATE OF THE ECONOMY

Hawaii's major economic indicators were mixed in the third quarter of 2016. Visitor arrivals, visitor expenditures, wage and salary jobs, personal income, and government contracts awarded all increased in the quarter, only State general fund tax revenues and State CIP expenditures decreased compared to third quarter of 2015.

In the third quarter of 2016, the total number of visitors arriving by air to Hawaii increased 72,996 or 3.3 percent. Due to shorter lengths of stay, the daily visitor census increased 3.0 percent in the quarter. Since visitors spent more on a daily basis in third quarter 2016, total visitors by air spending increased 5.4 percent in the quarter. Historical data shows that after seventeen quarters of positive growth from the third quarter of 2009 to the third quarter of 2013, Hawaii's tourism sector experienced one quarter of negative growth in the fourth quarter of 2013. Since the first quarter of 2014, however, Hawaii's tourism sector returned to positive growth compared with the same quarter in the previous year.

In the third quarter of 2016, the construction sector added 4,400 jobs, the government contracts awarded increased \$323.8 million, the permit value for private construction is not available as September permits for Maui County has not yet been released, and the State CIP expenditures decreased \$7.8 million compared with the same quarter of 2015. According to the most recent excise tax base data available, current construction put-in-place increased \$128.6 million or 6.4 percent in the second quarter of 2016 compared with that quarter in 2015.

In the third quarter of 2016, State general fund tax revenues were down \$53.1 million or 3.3 percent over the same period of 2015. State general excise tax revenue decreased \$30.0 million or 3.6 percent in the third quarter of 2016 compared to third quarter 2015. In the first three quarters of 2016, State general fund tax revenues increased \$142.7 million or 3.1 percent and state general excise tax revenue increased \$34.6 million or 1.5 percent compared with the same period of last year.

Labor market conditions were positive. Since the fourth quarter of 2010, Hawaii's jobs increased for the 24<sup>th</sup> consecutive quarter. In the third quarter of 2016 Hawaii's civilian non-agricultural wage and salary jobs averaged 647,200 jobs, an increase of 14,800 jobs or 2.3 percent from the same quarter of 2015.

The job increase in the third quarter of 2016 was due to job increases in the private sector. In this quarter, the private sector added about 14,900 non-agricultural jobs compared to the third quarter of 2015. Jobs increased the most in Natural Resources, Mining and Construction, adding 4,200 jobs or 11.8 percent. This was followed by

Health Care and Social Assistance, adding 3,300 jobs or 4.9 percent, Food Services and Drinking Places, adding 3,100 jobs or 4.9 percent, and Professional & Business Services, adding 900 jobs or 1.1 percent in the quarter. For the private sector, in the third quarter of 2016, Wholesale Trade lost 700 jobs and Retail Trade 400 jobs compared to the same quarter of 2015. The three levels of government lost 100 jobs or 0.1 percent in the third quarter of 2016 compared to the same quarter of 2015. The Federal Government added 600 jobs; the State Government lost 700 jobs or 1.0 percent, while the Local Government added 100 jobs or 0.5 percent compared to the third quarter of 2015.

The U.S. Bureau of Economic Analysis (BEA) estimates of quarterly GDP, introduced in QSER 2016Q1, show in the first quarter of 2016, total annualized nominal GDP increased \$2,889.0 million or 3.7 percent from the first quarter of 2015. In 2015, total annualized nominal GDP increased \$3,320.0 million or 4.3 percent from the previous year. In the first quarter of 2016, total annualized real GDP (in chained 2009 dollar) increased \$1,014.0 million or 1.4 percent from the first quarter of 2015. In 2015, total annualized real GDP increased \$1,183.0 million or 1.7 percent from the previous year.

In the second quarter of 2016, total non-farm private sector annualized earnings increased \$2,313.1 million or 4.7 percent from the second quarter of 2015. In dollar terms, the largest increase occurred in construction, followed by transportation and warehousing, health care and social assistance, accommodation and food services, and real estate and rental and leasing. During the second quarter of 2016, total government earnings increased \$458.5 million or 3.0 percent from the same quarter of 2015. Earnings from the federal government increased \$140.5 million or 1.6 percent. Earnings from the state and local governments increased \$318.0 million or 4.7 percent in the quarter.

In the first half of 2016, Honolulu's Consumer Price Index for Urban Consumers (CPI-U) increased 2.4 percent from the same period in 2015. (Table B-12). This is in contrast to the 1.1 percent increase for the U.S. average CPI-U and is higher than the 2015 Honolulu CPI-U increase of 1.0 percent from the previous year. In the first half of 2016, the Honolulu CPI-U increased the most in Medical Care (9.4 percent), followed by Recreation (3.4 percent), Food and Beverages (3.3 percent), Education and Communication (2.5 percent), Housing (2.4 percent), Other Goods and Services (2.1 percent), and Apparel (0.8 percent). The price of Transportation decreased 3.0 percent compared to the first half of 2015.

**Table 1. 2016 QUARTERLY ECONOMIC INDICATORS:  
STATE OF HAWAII**

SERIES	3rd QUARTER			YEAR-TO-DATE		
	2015	2016	% CHANGE YEAR AGO	2015	2016	% CHANGE YEAR AGO
Civilian labor force, NSA (persons) 1/	678,400	687,350	1.3	676,600	686,950	1.5
Civilian employed, NSA	654,400	664,850	1.6	651,250	664,450	2.0
Civilian unemployed, NSA	24,000	22,450	-6.5	25,400	22,500	-11.4
Unemployment rate, NSA (%) 1/ 2/	3.6	3.3	-0.3	3.8	3.3	-0.5
Total wage and salary jobs, NSA	639,400	(NA)	(NA)	640,000	(NA)	(NA)
Total non-agric. wage & salary jobs	632,400	647,200	2.3	633,700	647,700	2.2
Nat. Resources, Mining, Constr.	35,500	39,700	11.8	33,900	39,500	16.5
Manufacturing	14,000	14,000	0.0	14,000	14,000	0.0
Wholesale Trade	18,000	17,300	-3.9	17,900	17,600	-1.7
Retail Trade	70,300	69,900	-0.6	70,200	70,100	-0.1
Transp., Warehousing, Util.	30,800	31,800	3.2	30,800	31,200	1.3
Information	8,600	8,600	0.0	8,500	8,700	2.4
Financial Activities	28,200	28,500	1.1	28,100	28,400	1.1
Professional & Business Services	83,200	84,100	1.1	83,200	84,000	1.0
Educational Services	13,600	14,400	5.9	14,100	14,700	4.3
Health Care & Social Assistance	66,900	70,200	4.9	66,600	69,300	4.1
Arts, Entertainment & Recreation	11,900	12,500	5.0	11,700	12,200	4.3
Accommodation	39,100	40,600	3.8	39,100	40,000	2.3
Food Services & Drinking Places	63,900	67,000	4.9	63,100	65,800	4.3
Other Services	26,700	27,000	1.1	26,700	27,000	1.1
Government	121,700	121,600	-0.1	125,700	125,300	-0.3
Federal	33,000	33,600	1.8	33,000	33,300	0.9
State	69,400	68,700	-1.0	73,800	73,000	-1.1
Local	19,200	19,300	0.5	19,000	19,000	0.0
Agriculture wage and salary jobs	6,000	(NA)	(NA)	6,300	(NA)	(NA)
State general fund revenues (\$1,000)	1,593,064	1,540,001	-3.3	4,566,768	4,709,447	3.1
General excise and use tax revenues	831,149	801,129	-3.6	2,387,115	2,421,760	1.5
Income-individual	520,447	502,031	-3.5	1,555,649	1,599,994	2.9
Declaration estimated taxes	119,875	75,506	-37.0	485,260	444,371	-8.4
Payment with returns	18,206	19,655	8.0	156,730	168,062	7.2
Withholding tax on wages	438,402	456,758	4.2	1,314,283	1,385,606	5.4
Refunds ('-' indicates relative to State)	-56,037	-49,888	-11.0	-400,624	-398,045	-0.6
Transient accommodations tax	115,292	149,652	29.8	338,937	385,053	13.6
Honolulu County Surcharge 3/	72,023	(NA)	(NA)	202,412	(NA)	(NA)
Private Building Permits (\$1,000)	892,195	(NA)	(NA)	3,030,176	(NA)	(NA)
Residential	338,280	(NA)	(NA)	1,233,531	(NA)	(NA)
Commercial & industrial	110,990	(NA)	(NA)	608,525	(NA)	(NA)
Additions & alterations	442,925	(NA)	(NA)	1,188,120	(NA)	(NA)
Visitor Days - by air	19,512,624	20,101,327	3.0	58,646,614	59,921,256	2.2
Domestic visitor days - by air	14,232,391	14,592,594	2.5	42,842,774	43,414,001	1.3
International visitor days - by air	5,280,233	5,508,733	4.3	15,803,840	16,507,255	4.5
Visitor arrivals by air - by air	2,197,037	2,270,033	3.3	6,440,706	6,629,279	2.9
Domestic flight visitors - by air	1,483,636	1,541,806	3.9	4,369,016	4,502,414	3.1
International flight visitors - by air	713,401	728,227	2.1	2,071,690	2,126,865	2.7
Visitor expend. - arrivals by air (\$1,000)	3,718,208	3,918,990	5.4	11,168,728	11,579,699	3.7
Hotel occupancy rates (%) 2/	79.5	(NA)	(NA)	79.1	(NA)	(NA)

1/ Labor force and jobs are Hawaii DLIR monthly and annual data. Quarterly averages computed by the Hawaii DBEDT.

2/ Change represents absolute change in rates rather than percentage change in rates.

3/ 0.5% added to the general excise tax to pay for O'ahu's mass transit system and took effect January 1, 2007.

Includes taxpayers who have business activities on Oahu but whose businesses are located outside Oahu.

Source: Hawaii State Department of Business, Economic Development, & Tourism <<http://www.hawaii.gov/dbedt/inf/>>.

Hawaii State Department of Labor & Industrial Relations <<http://www.hiwi.org/cgi/dataanalysis/?PAGEID=94>>;

Hawaii State Department of Taxation <[http://www.hawaii.gov/tax/a5\\_3txcolrpt.htm](http://www.hawaii.gov/tax/a5_3txcolrpt.htm)> and Hospitality Advisors, LLC.

11/15/2016

## OUTLOOK FOR THE ECONOMY

Hawaii's economy is expected to continue positive growth for the rest of 2016 and into 2017. This outlook is based on the most recent developments in the national and global economies, the performance of Hawaii's tourism industry, labor market conditions, and the growth of personal income and tax revenues.

Hawaii's economy depends significantly on conditions in the U.S. economy and key international economies, especially Japan. According to the November 2016 *Blue Chip Economic Consensus Forecasts*, U.S. real GDP is expected to increase by 1.5 percent in 2016, same as the growth rate projected in the August 2016 forecast. For 2017 the consensus forecast predicts an overall 2.2 percent growth in U.S. real GDP.

According to the November 2016 *Blue Chip Economic Consensus Forecast*, real GDP growth for Japan is now expected to increase 0.6 percent in 2016; 0.1 of a percentage point higher than the growth rate projected in the August 2016 forecast. For 2017, the consensus forecast now expects an overall 0.8 percent growth rate for Japanese real GDP.

For the local economy, DBEDT expects that visitor expenditures will grow at a higher rate than projected in the previous forecast for 2016 and 2017. For GDP growth, the current forecast was slightly higher than the previous forecast.

Overall, Hawaii's economy, as measured by real GDP, is projected to show a 2.0 percent increase in 2016; 0.1 of a percentage point above the growth rate forecasted last quarter. The real GDP growth forecast in 2017 is 1.9 percent; same as the previous forecast.

Hawaii's unemployment rate is projected to be 3.3 percent in 2016, 0.1 of a percentage point above the previous forecast. The unemployment rate in 2017 is projected to be 3.4 percent, same as the previous forecast.

Visitor arrivals are expected to increase 2.3 percent in 2016, 0.4 of a percentage point above the previous forecast. The forecast for visitor days in 2016 increased 0.3 of a percentage point to 1.9 percent. The forecast for visitor expenditure growth in 2016 was revised upward to 3.9 percent, from 3.2 percent growth projected in the previous forecast. For 2017, the growth rate of visitor arrivals, visitor days, and visitor expenditures are now expected to be 1.8 percent, 2.0 percent, and 4.0 percent, respectively.

The projection for the non-agricultural wage and salary job growth rate for 2016 is 2.0 percent, 0.2 of a percentage point above the previous forecast. In 2017, jobs are projected to increase 1.2 percent, same as the previous forecast.

The Honolulu Consumer Price Index (CPI) is now expected to increase 2.3 percent in 2016, same as the previous forecast. In 2017, the CPI is projected to increase 2.6 percent, 0.4 of a percentage point above the previous forecast.

Personal income in current dollars is now expected to increase 4.9 percent in 2016, 0.1 of a percentage point above the previous forecast. Real personal income is now projected to grow 2.4 percent in 2016; 0.4 of a percentage point below the previous forecast. In 2017, current-dollar personal income and real personal income are expected to increase 4.7 percent and 2.6 percent, respectively.

Beyond 2017, the economy is expected to continue its expansion path, with job growth projected to be 1.1 percent in 2018 and 2019. Visitor arrivals are expected to increase 1.7 percent in both 2018 and 2019. Visitor expenditures are expected to increase 4.1 percent in 2018 and 2019. Real personal income is projected to increase 2.5 percent in 2018 and 2019. Hawaii's real GDP growth is expected to increase 1.7 percent in 2018 and 1.6 percent in 2019. The unemployment rate is expected to increase to 3.5 percent in 2018 and 3.6 percent in 2019.



**ACTUAL AND FORECAST KEY ECONOMIC INDICATORS FOR HAWAII:  
2014 TO 2019**

Economic Indicators	2014	2015	2016	2017	2018	2019
	(Actual)		(Forecast)			
Total population (thousands)	1,420	1,432	1,443	1,455	1,468	1,481
Visitor arrivals (thousands) 1/	8,321	8,680	8,876	9,038	9,195	9,355
Visitor days (thousands) 1/	75,932	78,620	80,126	81,755	83,201	84,671
Visitor expenditures (million dollars) 1/	14,973	15,111	15,698	16,333	17,001	17,695
Honolulu CPI-U (1982-84=100)	257.6	260.2	266.1	273.1	280.7	288.0
Personal income (million dollars)	65,993	69,129	72,516	75,925	79,493	83,309
Real personal income (millions of 2009\$) 2/	51,866	53,815	55,107	56,540	57,953	59,402
Non-agricultural wage & salary jobs (thousands)	627.2	636.9	649.6	657.4	664.7	672.0
Civilian unemployment rate 3/	4.4	3.6	3.3	3.4	3.5	3.6
Gross domestic product (million dollars)	76,425	79,745	82,935	86,003	89,358	92,842
Real gross domestic product (millions of 2009\$)	69,662	70,845	72,262	73,635	74,887	76,085
Gross domestic product deflator (2009=100)	109.7	112.6	114.8	116.8	119.3	122.0
Annual Percentage Change						
Total population	0.8	0.8	0.8	0.8	0.9	0.9
Visitor arrivals 1/	1.8	4.3	2.3	1.8	1.7	1.7
Visitor days 1/	1.3	3.5	1.9	2.0	1.8	1.8
Visitor expenditures 1/	3.1	0.9	3.9	4.0	4.1	4.1
Honolulu CPI-U	1.4	1.0	2.3	2.6	2.8	2.6
Personal income	5.1	4.8	4.9	4.7	4.7	4.8
Real personal income 2/	4.3	3.8	2.4	2.6	2.5	2.5
Non-agricultural wage & salary jobs	1.4	1.5	2.0	1.2	1.1	1.1
Civilian unemployment rate 3/	-0.5	-0.8	-0.3	0.1	0.1	0.1
Gross domestic product	3.3	4.3	4.0	3.7	3.9	3.9
Real gross domestic product	0.8	1.7	2.0	1.9	1.7	1.6
Gross domestic product deflator (2009=100)	2.4	2.6	2.0	1.8	2.2	2.3

1/ Visitors who came to Hawaii by air or by cruise ship. Expenditures includes supplementary expenditures estimated by HTA

2/ Using personal income deflator developed by the U.S. Bureau of Economic Analysis and estimated by DBEDT.

3/ Absolute change from previous year.

Source: Hawaii State Department of Business, Economic Development & Tourism, November 15, 2016.

## COUNTY ECONOMIC CONDITIONS

Overall economic conditions were mostly positive across the counties in the third quarter of 2016. The unemployment rate decreased and total non-agricultural wage and salary jobs increased in all counties. Total visitor days and total visitor arrivals by air increased in all counties. The value of private building permits increased in Honolulu, and Kauai, but decreased in Hawaii County.

In the third quarter of 2016, the unemployment rate in all counties decreased. The unemployment rate in Honolulu decreased 0.2 of a percentage point from 3.3 percent to 3.1 percent; the unemployment rate in Maui County decreased 0.2 of a percentage point from 3.6 percent to 3.4 percent; the unemployment rate in Hawaii County decreased 0.3 percentage point from 4.4 percent to 4.1 percent; and the unemployment rate in Kauai County decreased 0.6 of a percentage point from 4.0 percent to 3.4 percent.

In the third quarter of 2016, Honolulu gained 9,900 or 2.1 percent of non-agricultural wage and salary jobs over the same quarter of 2015. Natural Resources, Mining, and Construction added the most jobs (3,100 jobs), followed by Health Care and Social Assistance (1,700 jobs), Food Services & Drinking Places (1,500 jobs), Professional & Business Services (1,400 jobs), and Accommodation (1,200 jobs). The Government sector lost 400 jobs. The largest private sector job losses occurred in Wholesale Trade (600 jobs lost), followed by Retail Trade (500 jobs lost).

In the third quarter of 2016, Hawaii County added 1,800 non-agricultural wage and salary jobs or 2.8 percent over the same quarter of 2015. Food Services and Drinking Places added the most jobs (900 jobs), followed by Health Care and Social Assistance (700 jobs), Natural Resources, Mining, and Construction (500 jobs), and Accommodation (300 jobs). The largest private sector job losses occurred in Arts, Entertainment & Recreation (400 jobs lost), followed by Professional & Business Services (300 jobs lost), and Financial Activities (200 jobs lost). The Government sector added 100 jobs.

Maui County saw a net gain of 2,200 jobs or a 3.0 percent increase in the third quarter of 2016 over the same quarter of 2015. Jobs gained the most in Arts, Entertainment & Recreation (500 jobs), followed by Health Care and Social Assistance (400 jobs), Food Services & Drinking Places (300 jobs), Natural Resources, Mining, and Construction (300 jobs), and Transportation, Warehousing, and Utilities (300 jobs). The largest private sector job losses occurred in Accommodation (200 jobs lost). Government added 100 jobs in the quarter.

In the third quarter of 2016, Kauai County gained 900 wage and salary jobs or 3.0 percent from the same quarter of 2015. Food Services and Drinking Places added the most (600 jobs) in the quarter, followed by Health Care and Social Assistance (500 jobs), Natural Resources, Mining, and Construction (300 jobs), and Accommodation (200 jobs). The largest private sector job losses occurred in Arts, Entertainment and Recreation (500 jobs lost), followed by Professional & Business Services (300 jobs lost). Government jobs remained the same in the quarter.

In the third quarter of 2016, visitor days and visitor arrivals by air increased in all counties. Visitor arrivals by air increased 2.1 percent in Honolulu, 6.6 percent in Maui, 3.7 percent in Hawaii County, and 2.8 percent in Kauai. Visitor days increased 2.3 percent in Honolulu, 5.2 percent in Maui, 2.4 percent in Hawaii County, and 1.9 percent in Kauai compared to the same quarter of 2015.

In the third quarter of 2016, Honolulu private building permits increased \$41.6 million or 7.1 percent, Kauai County (only residential available) increased \$10.8 million or 37.0 percent, Maui County building permits for September were not yet available, and Hawaii County decreased \$23.3 million or 13.9 percent from the same quarter of the previous year.

**Table 2. 2016 QUARTERLY ECONOMIC INDICATORS:  
CITY AND COUNTY OF HONOLULU**

SERIES	3rd QUARTER			YEAR-TO-DATE		
	2015	2016	% CHANGE YEAR AGO	2015	2016	% CHANGE YEAR AGO
Civilian labor force, NSA (persons) 1/	466,950	472,500	1.2	467,950	473,100	1.1
Civilian employed	451,350	458,100	1.5	451,450	458,650	1.6
Civilian unemployed	15,550	14,400	-7.4	16,500	14,450	-12.4
Unemployment rate, NSA (%) 1/ 2/	3.3	3.1	-0.2	3.5	3.1	-0.4
Total wage and salary jobs	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Total non-agric. wage & salary jobs	463,800	473,700	2.1	465,900	474,300	1.8
Nat. Resources, Mining, Constr.	26,200	29,300	11.8	25,000	29,300	17.2
Manufacturing	11,200	11,100	-0.9	11,200	11,100	-0.9
Wholesale Trade	14,300	13,700	-4.2	14,300	13,900	-2.8
Retail Trade	47,500	47,000	-1.1	47,600	47,100	-1.1
Transp., Warehousing, Util.	22,300	22,800	2.2	22,200	22,200	0.0
Information	7,200	7,100	-1.4	7,100	7,100	0.0
Financial Activities	21,200	21,700	2.4	21,100	21,500	1.9
Professional & Business Services	67,400	68,700	1.9	67,300	68,400	1.6
Educational Services	11,300	12,000	6.2	11,700	12,200	4.3
Health Care & Social Assistance	51,900	53,600	3.3	51,600	53,000	2.7
Arts, Entertainment & Recreation	7,300	8,200	12.3	7,200	7,800	8.3
Accommodation	16,900	18,100	7.1	17,000	17,500	2.9
Food Services & Drinking Places	44,000	45,500	3.4	43,500	44,500	2.3
Other Services	20,800	20,900	0.5	20,900	20,900	0.0
Government	94,500	94,100	-0.4	98,200	97,800	-0.4
Federal	30,400	30,900	1.6	30,400	30,700	1.0
State	51,700	50,700	-1.9	55,600	54,800	-1.4
Local	12,300	12,500	1.6	12,200	12,300	0.8
Agriculture wage and salary jobs	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
General excise & use tax rev. (\$1,000)	710,220	(NA)	(NA)	2,046,392	(NA)	(NA)
Income-individual	452,324	(NA)	(NA)	1,367,577	(NA)	(NA)
Declaration estimated taxes	99,940	(NA)	(NA)	397,912	(NA)	(NA)
Payment with returns	10,603	(NA)	(NA)	112,877	(NA)	(NA)
Withholding tax on wages	387,841	(NA)	(NA)	1,167,824	(NA)	(NA)
Refunds	-46,059	(NA)	(NA)	-311,037	(NA)	(NA)
Transient accommodations tax	92,109	(NA)	(NA)	266,880	(NA)	(NA)
Honolulu County Surcharge 3/	71,191	(NA)	(NA)	200,108	(NA)	(NA)
Private Building Permits (\$1,000)	588,188	629,829	7.1	1,764,929	1,579,078	-10.5
Residential	193,030	241,795	25.3	673,577	554,446	-17.7
Commercial & industrial	71,757	20,791	-71.0	167,361	57,532	-65.6
Additions & alterations	323,402	367,243	13.6	923,991	967,100	4.7
Visitor Days - by air	9,589,170	9,811,788	2.3	27,426,100	28,027,831	2.2
Domestic visitor days - by air	5,407,821	5,406,129	0.0	15,879,071	15,960,514	0.5
International visitor days - by air	4,181,349	4,405,659	5.4	11,547,029	12,067,316	4.5
Visitor arrivals by air - by air	1,416,826	1,446,086	2.1	4,015,351	4,101,118	2.1
Domestic flight visitors - by air	752,560	768,604	2.1	2,168,972	2,211,561	2.0
International flight visitors - by air	664,266	677,482	2.0	1,846,379	1,889,557	2.3
Visitor expenditures - by air (\$1,000)	1,902,778	1,915,924	0.7	5,501,988	5,383,987	-2.1
Hotel occupancy rates 2/	87.6	(NA)	(NA)	85.2	(NA)	(NA)

NA Not available.

1/ Labor force and jobs are Hawaii DLIR monthly and annual data. Quarterly averages computed by the Hawaii DBEDT.

2/ Change represents absolute change in rates rather than percentage change in rates.

3/ 0.5% added to the general excise tax to pay for O'ahu's mass transit system and took effect January 1, 2007.

Includes taxpayers who have business activities on Oahu but whose businesses are located outside Oahu.

Source: Hawaii State Department of Business, Economic Development, & Tourism <<http://www.hawaii.gov/dbedt/inf>>,

Hawaii State Department of Labor & Industrial Relations <<http://www.hiwi.org/cgi/dataanalysis/?PAGEID=94>>;

Hawaii State Department of Taxation <[http://www.hawaii.gov/tax/a5\\_3txcolrpt.htm](http://www.hawaii.gov/tax/a5_3txcolrpt.htm)> and Hospitality Advisors, LLC.

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**Table 3. 2015 QUARTERLY ECONOMIC INDICATORS: HAWAII COUNTY**

SERIES	3rd QUARTER			YEAR-TO-DATE		
	2015	2016	% CHANGE YEAR AGO	2015	2016	% CHANGE YEAR AGO
Civilian labor force, NSA (persons) 1/	90,550	91,850	1.4	89,100	91,600	2.8
Civilian employed	86,600	88,000	1.6	85,000	87,800	3.3
Civilian unemployed	3,950	3,850	-2.5	4,150	3,800	-8.4
Unemployment rate, NSA (%) 1/ 2/	4.4	4.1	-0.3	4.6	4.1	-0.5
Total wage and salary jobs	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Total non-agric. wage & salary jobs	65,400	67,200	2.8	65,100	67,400	3.5
Nat. Resources, Mining, Constr.	4,000	4,500	12.5	3,800	4,500	18.4
Manufacturing	1,200	1,200	0.0	1,200	1,200	0.0
Wholesale Trade	1,700	1,600	-5.9	1,700	1,600	-5.9
Retail Trade	9,100	9,000	-1.1	9,000	9,200	2.2
Transp., Warehousing, Util.	3,100	3,300	6.5	3,100	3,300	6.5
Information	600	700	16.7	600	700	16.7
Financial Activities	2,700	2,500	-7.4	2,700	2,500	-7.4
Professional & Business Services	6,200	5,900	-4.8	6,200	5,900	-4.8
Educational Services	1,200	1,200	0.0	1,200	1,200	0.0
Health Care & Social Assistance	7,100	7,800	9.9	7,100	7,800	9.9
Arts, Entertainment & Recreation	1,300	900	-30.8	1,300	900	-30.8
Accommodation	6,200	6,500	4.8	6,100	6,400	4.9
Food Services & Drinking Places	6,200	7,100	14.5	6,100	7,000	14.8
Other Services	1,900	2,000	5.3	1,900	2,000	5.3
Government	12,900	13,000	0.8	13,100	13,100	0.0
Federal	1,300	1,300	0.0	1,300	1,300	0.0
State	8,800	9,000	2.3	9,100	9,100	0.0
Local	2,800	2,700	-3.6	2,700	2,700	0.0
Agriculture wage and salary jobs	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
General excise & use tax rev. (\$1,000)	47,522	(NA)	(NA)	136,923	(NA)	(NA)
Income-individual	27,613	(NA)	(NA)	77,058	(NA)	(NA)
Declaration estimated taxes	8,033	(NA)	(NA)	34,586	(NA)	(NA)
Payment with returns	2,530	(NA)	(NA)	16,724	(NA)	(NA)
Withholding tax on wages	21,046	(NA)	(NA)	61,655	(NA)	(NA)
Refunds	-3,997	(NA)	(NA)	-35,907	(NA)	(NA)
Transient accommodations tax	8,625	(NA)	(NA)	25,348	(NA)	(NA)
Honolulu County Surcharge 3/	246	(NA)	(NA)	750	(NA)	(NA)
Private Building Permits (\$1,000)	167,353	144,063	-13.9	520,734	450,582	-13.5
Residential	89,769	101,431	13.0	322,172	286,270	-11.1
Commercial & industrial	16,673	8,727	-47.7	39,347	34,816	-11.5
Additions & alterations	60,911	33,904	-44.3	159,215	129,496	-18.7
Visitor Days - by air	2,674,142	2,737,461	2.4	8,544,798	8,616,120	0.8
Domestic visitor days - by air	2,284,380	2,370,324	3.8	7,248,555	7,303,095	0.8
International visitor days - by air	389,762	367,137	-5.8	1,296,243	1,313,025	1.3
Visitor arrivals by air - by air	380,349	394,483	3.7	1,146,896	1,161,905	1.3
Domestic flight visitors - by air	287,184	300,331	4.6	869,139	885,401	1.9
International flight visitors - by air	93,165	94,152	1.1	277,757	276,503	-0.5
Visitor expenditures - by air (\$1,000)	448,631	479,727	6.9	1,375,503	1,502,053	9.2
Hotel occupancy rates 2/	65.3	(NA)	(NA)	66.7	(NA)	(NA)

NA Not available.

1/ Labor force and jobs are Hawaii DLIR monthly and annual data. Quarterly averages computed by the Hawaii DBEDT.

2/ Change represents absolute change in rates rather than percentage change in rates.

3/ 0.5% added to the general excise tax to pay for O'ahu's mass transit system and took effect January 1, 2007.

Includes taxpayers who have business activities on Oahu but whose businesses are located outside Oahu.

Source: Hawaii State Department of Business, Economic Development, & Tourism <<http://www.hawaii.gov/dbedt/inf/>>,

Hawaii State Department of Labor & Industrial Relations <<http://www.hawaii.gov/dli/dataanalysis/?PAGEID=94>>;

Hawaii State Department of Taxation <[http://www.hawaii.gov/tax/a5\\_3txcolrpt.htm](http://www.hawaii.gov/tax/a5_3txcolrpt.htm)> and Hospitality Advisors, LLC.

11/15/2016

**Table 4. 2016 QUARTERLY ECONOMIC INDICATORS: MAUI COUNTY**

SERIES	3rd QUARTER			YEAR-TO-DATE		
	2015	2016	% CHANGE YEAR AGO	2015	2016	% CHANGE YEAR AGO
Civilian labor force, NSA (persons) 1/	85,050	86,550	1.8	84,200	86,100	2.3
Civilian employed	82,000	83,550	1.9	80,900	83,150	2.8
Civilian unemployed	3,050	3,000	-1.6	3,300	2,950	-10.6
Unemployment rate, NSA (%) 1/ 2/	3.6	3.4	-0.2	3.9	3.4	-0.5
Total wage and salary jobs	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Total non-agric. wage & salary jobs	73,100	75,300	3.0	72,800	75,100	3.2
Nat. Resources, Mining, Constr.	3,800	4,100	7.9	3,600	3,900	8.3
Manufacturing	1,200	1,300	8.3	1,200	1,300	8.3
Wholesale Trade	1,500	1,500	0.0	1,500	1,500	0.0
Retail Trade	9,800	9,800	0.0	9,700	9,800	1.0
Transp., Warehousing, Util.	3,900	4,200	7.7	3,900	4,100	5.1
Information	500	600	20.0	600	600	0.0
Financial Activities	2,900	3,000	3.4	2,900	3,000	3.4
Professional & Business Services	6,900	7,100	2.9	6,900	7,100	2.9
Educational Services	1,100	1,100	0.0	1,100	1,100	0.0
Health Care & Social Assistance	5,400	5,800	7.4	5,400	5,700	5.6
Arts, Entertainment & Recreation	2,000	2,500	25.0	2,000	2,500	25.0
Accommodation	11,800	11,600	-1.7	11,800	11,800	0.0
Food Services & Drinking Places	9,600	9,900	3.1	9,500	9,800	3.2
Other Services	3,000	3,100	3.3	2,900	3,100	6.9
Government	9,700	9,800	1.0	9,800	9,700	-1.0
Federal	800	800	0.0	800	800	0.0
State	6,200	6,200	0.0	6,300	6,200	-1.6
Local	2,800	2,800	0.0	2,700	2,700	0.0
Agriculture wage and salary jobs	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
General excise & use tax rev. (\$1,000)	53,112	(NA)	(NA)	155,543	(NA)	(NA)
Income-individual	27,672	(NA)	(NA)	78,667	(NA)	(NA)
Declaration estimated taxes	7,371	(NA)	(NA)	37,158	(NA)	(NA)
Payment with returns	4,051	(NA)	(NA)	19,626	(NA)	(NA)
Withholding tax on wages	20,468	(NA)	(NA)	60,105	(NA)	(NA)
Refunds	-4,218	(NA)	(NA)	-38,221	(NA)	(NA)
Transient accommodations tax	8,250	(NA)	(NA)	28,965	(NA)	(NA)
Honolulu County Surcharge 3/	462	(NA)	(NA)	1,234	(NA)	(NA)
Private Building Permits (\$1,000)	107,517	(NA)	(NA)	662,235	(NA)	(NA)
Residential	26,346	(NA)	(NA)	155,504	(NA)	(NA)
Commercial & industrial	22,559	(NA)	(NA)	401,817	(NA)	(NA)
Additions & alterations	58,612	(NA)	(NA)	104,914	(NA)	(NA)
Visitor Days - by air	5,008,285	5,269,148	5.2	15,883,344	16,415,624	3.4
Domestic visitor days - by air	4,430,275	4,646,472	4.9	13,518,538	13,864,142	2.6
International visitor days - by air	578,010	622,676	7.7	2,364,806	2,551,481	7.9
Visitor arrivals by air - by air	645,475	688,201	6.6	1,952,389	2,026,017	3.8
Domestic flight visitors - by air	547,887	580,680	6.0	1,609,500	1,668,596	3.7
International flight visitors - by air	97,587	107,521	10.2	342,888	357,420	4.2
Visitor expenditures - by air (\$1,000)	991,542	1,094,014	10.3	3,133,222	3,446,320	10.0
Hotel occupancy rates 2/	72.7	(NA)	(NA)	75.2	(NA)	(NA)

NA Not available.

1/ Labor force and jobs are Hawaii DLIR monthly and annual data. Quarterly averages computed by the Hawaii DBEDT.

2/ Change represents absolute change in rates rather than percentage change in rates.

3/ 0.5% added to the general excise tax to pay for O'ahu's mass transit system and took effect January 1, 2007.

Includes taxpayers who have business activities on Oahu but whose businesses are located outside Oahu.

Source: Hawaii State Department of Business, Economic Development, & Tourism <<http://www.hawaii.gov/dbedt/inf/>>,

Hawaii State Department of Labor & Industrial Relations <<http://www.hiwi.org/cgi/dataanalysis/?PAGEID=94>>;

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11/15/2016

**Table 5. 2016 QUARTERLY ECONOMIC INDICATORS: KAUAI COUNTY**

SERIES	3rd QUARTER			YEAR-TO-DATE		
	2015	2016	% CHANGE YEAR AGO	2015	2016	% CHANGE YEAR AGO
Civilian labor force, NSA (persons) 1/	35,850	36,450	1.7	35,400	36,150	2.1
Civilian employed	34,450	35,200	2.2	33,900	34,850	2.8
Civilian unemployed	1,450	1,250	-13.8	1,500	1,300	-13.3
Unemployment rate, NSA (%) 1/ 2/	4.0	3.4	-0.6	4.2	3.6	-0.6
Total wage and salary jobs	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Total non-agric. wage & salary jobs	30,100	31,000	3.0	30,000	30,800	2.7
Nat. Resources, Mining, Constr.	1,500	1,800	20.0	1,500	1,800	20.0
Manufacturing	400	400	0.0	400	400	0.0
Wholesale Trade	600	500	-16.7	500	500	0.0
Retail Trade	4,000	4,000	0.0	3,900	4,000	2.6
Transp., Warehousing, Util.	1,500	1,500	0.0	1,500	1,500	0.0
Information	200	200	0.0	200	200	0.0
Financial Activities	1,500	1,400	-6.7	1,500	1,400	-6.7
Professional & Business Services	2,900	2,600	-10.3	2,900	2,700	-6.9
Educational Services	100	100	0.0	200	100	-50.0
Health Care & Social Assistance	2,500	3,000	20.0	2,500	2,900	16.0
Arts, Entertainment & Recreation	1,300	800	-38.5	1,200	900	-25.0
Accommodation	4,200	4,400	4.8	4,200	4,300	2.4
Food Services & Drinking Places	4,000	4,600	15.0	3,900	4,500	15.4
Other Services	900	1,000	11.1	1,000	1,000	0.0
Government	4,600	4,600	0.0	4,600	4,600	0.0
Federal	500	500	0.0	500	500	0.0
State	2,700	2,800	3.7	2,800	2,800	0.0
Local	1,300	1,300	0.0	1,300	1,300	0.0
Agriculture wage and salary jobs	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
General excise & use tax rev. (\$1,000)	20,296	(NA)	(NA)	48,256	(NA)	(NA)
Income-individual	12,838	(NA)	(NA)	32,346	(NA)	(NA)
Declaration estimated taxes	4,532	(NA)	(NA)	15,604	(NA)	(NA)
Payment with returns	1,022	(NA)	(NA)	7,504	(NA)	(NA)
Withholding tax on wages	9,047	(NA)	(NA)	24,699	(NA)	(NA)
Refunds	-1,763	(NA)	(NA)	(15,460)	(NA)	(NA)
Transient accommodations tax	6,308	(NA)	(NA)	17,745	(NA)	(NA)
Honolulu County Surcharge 3/	125	(NA)	(NA)	321	(NA)	(NA)
Private Building Permits (\$1,000)	29,136	39,914	37.0	82,277	104,180	26.6
Residential	29,136	39,914	37.0	82,277	104,180	26.6
Commercial & industrial	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Additions & alterations	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Visitor Days - by air	2,241,027	2,282,930	1.9	6,792,372	6,861,682	1.0
Domestic visitor days - by air	2,109,915	2,169,669	2.8	6,196,610	6,286,249	1.4
International visitor days - by air	131,112	113,261	-13.6	595,762	575,433	-3.4
Visitor arrivals by air - by air	305,629	314,175	2.8	895,281	897,087	0.2
Domestic flight visitors - by air	273,561	285,229	4.3	783,091	795,379	1.6
International flight visitors - by air	32,068	28,946	-9.7	112,190	101,708	-9.3
Visitor expenditures - by air (\$1,000)	375,258	429,325	14.4	1,158,014	1,247,339	7.7
Hotel occupancy rates 2/	71.0	(NA)	(NA)	72.3	(NA)	(NA)

NA Not available.

1/ Labor force and jobs are Hawaii DLIR monthly and annual data. Quarterly averages computed by the Hawaii DBEDT.

2/ Change represents absolute change in rates rather than percentage change in rates.

3/ 0.5% added to the general excise tax to pay for O'ahu's mass transit system and took effect January 1, 2007.

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Source: Hawaii State Department of Business, Economic Development, & Tourism <<http://www.hawaii.gov/dbedt/inf/>>,

Hawaii State Department of Labor & Industrial Relations <<http://www.hiwi.org/cgi/dataanalysis/?PAGEID=94>>;

Hawaii State Department of Taxation <[http://www.hawaii.gov/tax/a5\\_3txcolrpt.htm](http://www.hawaii.gov/tax/a5_3txcolrpt.htm)> and Hospitality Advisors, LLC.

11/15/2016

## A. LABOR FORCE AND JOBS

Hawaii's labor market conditions continued to improve in the third quarter of 2016. Since the civilian labor force increased less than the civilian employment, the civilian unemployment rate decreased 0.3 of a percentage point in the quarter. For the 24<sup>th</sup> consecutive quarter-over-quarter, civilian non-agricultural wage and salary jobs increased.

In the third quarter of 2016, the civilian labor force averaged 687,350 people, an increase of 8,950 people or 1.3 percent from the same quarter of 2015 (Table A-1). In the first three quarters of 2016, the civilian labor force increased 10,350 people or 1.5 percent from the same period last year.

Civilian employment totaled 664,850 people in the third quarter of 2016, an increase of 10,450 people or 1.6 percent compared to the same quarter of 2015 (Table A-2). This is the 16<sup>th</sup> quarter-over-quarter increase. In the first three quarters of 2016, average civilian employment increased 13,200 people or 2.0 percent from the same period last year.

In the third quarter of 2016, the number of civilian unemployed averaged 22,450, a decrease of 1,550 people or 6.5 percent from the same quarter of 2015 (Table A-3). In the first three quarters of 2016, the number of unemployed decreased 2,900 people or 11.4 percent from the same period last year.

The unemployment rate (not seasonally adjusted) decreased from 3.6 percent in the third quarter of 2015 to 3.3 percent in the third quarter of 2016 (Table A-4). In the first three quarters of 2016, the unemployment rate decreased 0.5 of a percentage point from the same period last year.

In the third quarter of 2016, Hawaii's civilian non-agricultural wage and salary jobs averaged 647,200 jobs, an increase of 14,800 jobs or 2.3 percent from the same quarter of 2015

(Table A-6). This is the 24<sup>th</sup> consecutive quarter-over-quarter increase in non-agricultural wage and salary jobs after ten consecutive quarter-over-quarter decreases in jobs since the third quarter of 2008. In the first three quarters of 2016, average non-agricultural wage and salary jobs increased 2.2 percent or 14,000 jobs from the same period last year.

The job increase in the third quarter of 2016 was due to job increase in the private sector. In this quarter, the private sector added about 14,900 non-agricultural jobs compared to the third quarter of 2015. Jobs increased the most in Natural Resources, Mining and Construction, adding 4,200 jobs or 11.8 percent (Table A-7). This was followed by Health Care and Social Assistance, adding 3,300 jobs or 4.9 percent (Table A-16), Food Services and Drinking Places, adding 3,100 jobs or 4.9 percent (Table A-19), and Professional & Business Services, adding 900 jobs or 1.1 percent (Table A-14) in the quarter.

For the private sector, in the third quarter of 2016, Wholesale Trade lost 700 jobs (Table A-9) and Retail Trade lost 400 jobs (Table A-10) compared to the same quarter of 2015.

The three levels of government lost 100 jobs or 0.1 percent (Table A-21) in the third quarter of 2016 compared to the same quarter of 2015. The Federal Government added 600 jobs (Table A-22); the State Government lost 700 jobs or 1.0 percent (Table A-23), while the Local Government added 100 jobs or 0.5 percent (Table A-24), compared to the third quarter of 2015.

The initial liable claims for unemployment, which measures the number of people who lost jobs in Hawaii and moved to other states, increased 1.3 percent in the third quarter of 2016 compared to the same quarter of 2015 (Table A-27). In the first three quarters of 2016, the initial liable claims for unemployment decreased 3.9 percent from the same period last year.

**Table A-1. CIVILIAN LABOR FORCE**

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	Annual Average
Not Seasonally Adjusted Data. Number of Persons 1/					
1982	452,900	457,500	461,250	463,400	458,800
1983	468,100	470,750	475,150	472,300	471,600
1984	472,000	476,100	472,150	471,700	473,000
1985	474,050	478,450	481,200	482,900	479,150
1986	487,800	491,500	492,900	493,400	491,400
1987	501,050	510,300	514,300	516,850	510,650
1988	516,800	517,850	519,500	517,000	517,800
1989	520,800	526,950	530,950	531,250	527,500
1990	539,050	551,100	554,900	558,600	550,900
1991	566,500	571,900	575,000	573,000	571,600
1992	578,600	584,800	587,100	586,550	584,250
1993	586,950	589,600	586,200	582,850	586,400
1994	585,800	586,950	585,500	582,600	585,200
1995	584,500	589,950	587,650	583,800	586,500
1996	590,950	596,700	597,900	596,850	595,600
1997	599,900	602,850	603,600	597,450	600,950
1998	598,150	602,700	604,850	600,600	601,600
1999	599,700	603,250	604,800	603,850	602,900
2000	605,250	607,500	605,500	605,550	605,950
2001	610,050	613,300	611,300	607,850	610,650
2002	603,950	602,200	600,350	597,200	600,900
2003	600,900	604,150	604,400	603,050	603,100
2004	605,600	610,650	612,850	614,600	610,900
2005	618,450	625,700	631,450	632,050	626,900
2006	634,000	638,850	640,500	639,700	638,250
2007	640,900	640,750	636,700	635,200	638,400
2008	639,350	644,850	641,000	633,550	639,700
2009	631,750	634,150	632,450	628,400	631,700
2010	634,550	646,600	652,750	655,100	647,250
2011 2/	661,450	664,100	660,700	654,750	660,250
2012 2/	650,450	649,300	646,100	644,650	647,650
2013 2/	644,350	648,500	652,150	657,800	650,700
2014 2/	663,150	668,600	670,400	671,250	668,350
2015 2/	674,350	677,100	678,400	679,900	677,450
2016 3/	688,650	684,850	687,350	Year-to-Date	686,950
Percentage Change from the Same Period in Previous Year 1/					
1983	3.4	2.9	3.0	1.9	2.8
1984	0.8	1.1	-0.6	-0.1	0.3
1985	0.4	0.5	1.9	2.4	1.3
1986	2.9	2.7	2.4	2.2	2.6
1987	2.7	3.8	4.3	4.8	3.9
1988	3.1	1.5	1.0	0.0	1.4
1989	0.8	1.8	2.2	2.8	1.9
1990	3.5	4.6	4.5	5.1	4.4
1991	5.1	3.8	3.6	2.6	3.8
1992	2.1	2.3	2.1	2.4	2.2
1993	1.4	0.8	-0.2	-0.6	0.4
1994	-0.2	-0.4	-0.1	0.0	-0.2
1995	-0.2	0.5	0.4	0.2	0.2
1996	1.1	1.1	1.7	2.2	1.6
1997	1.5	1.0	1.0	0.1	0.9
1998	-0.3	0.0	0.2	0.5	0.1
1999	0.3	0.1	0.0	0.5	0.2
2000	0.9	0.7	0.1	0.3	0.5
2001	0.8	1.0	1.0	0.4	0.8
2002	-1.0	-1.8	-1.8	-1.8	-1.6
2003	-0.5	0.3	0.7	1.0	0.4
2004	0.8	1.1	1.4	1.9	1.3
2005	2.1	2.5	3.0	2.8	2.6
2006	2.5	2.1	1.4	1.2	1.8
2007	1.1	0.3	-0.6	-0.7	0.0
2008	-0.2	0.6	0.7	-0.3	0.2
2009	-1.2	-1.7	-1.3	-0.8	-1.3
2010	0.4	2.0	3.2	4.2	2.5
2011 2/	4.2	2.7	1.2	-0.1	2.0
2012 2/	-1.7	-2.2	-2.2	-1.5	-1.9
2013 2/	-0.9	-0.1	0.9	2.0	0.5
2014 2/	2.9	3.1	2.8	2.0	2.7
2015 2/	1.7	1.3	1.2	1.3	1.4
2016 3/	2.1	1.1	1.3	Year-to-Date	1.5

1/ Data rounded to nearest 50.

2/ 2011-2015 benchmarked by DLIR in March 2016 and reflect revised population controls and model reestimation

3/ 2016 data are preliminary and 2016Q2 revised from previous QSER.

Source: Hawaii Department of Labor & Industrial Relations monthly and annual data

<<https://www.hiwi.org/gsipub/index.asp?docid=417>>. Quarterly and Year-to-date averages computed by



**Table A-2. CIVILIAN EMPLOYED**

<i>Year</i>	<i>First Quarter</i>	<i>Second Quarter</i>	<i>Third Quarter</i>	<i>Fourth Quarter</i>	<i>Annual Average</i>
Not Seasonally Adjusted Data. Number of Persons 1/					
1982	425,100	427,250	431,150	435,750	429,800
1983	438,200	440,200	445,900	445,600	442,500
1984	445,900	448,500	445,050	445,100	446,150
1985	449,200	452,100	454,200	458,000	453,350
1986	462,600	465,950	469,400	473,850	467,950
1987	481,700	489,300	494,000	499,850	491,200
1988	500,100	501,100	502,350	501,800	501,350
1989	506,700	513,300	517,550	519,100	514,150
1990	524,450	534,800	539,900	545,750	536,200
1991	551,550	555,250	557,750	556,250	555,200
1992	557,450	559,250	560,200	558,850	558,950
1993	559,500	562,900	560,600	557,450	560,100
1994	554,800	553,700	551,000	552,200	552,900
1995	553,250	554,450	550,300	550,050	552,000
1996	554,300	558,250	559,450	560,650	558,150
1997	563,300	564,150	564,300	562,550	563,600
1998	563,050	565,250	566,150	565,400	564,950
1999	565,600	569,050	571,900	574,950	570,400
2000	578,200	580,950	579,550	582,150	580,200
2001	585,550	586,350	585,000	575,900	583,200
2002	575,200	575,850	575,800	575,500	575,600
2003	578,000	578,300	577,950	579,050	578,300
2004	583,300	589,400	592,400	595,550	590,150
2005	600,250	607,350	612,950	615,300	608,950
2006	617,250	619,900	623,550	625,600	621,550
2007	624,800	623,050	617,950	616,350	620,550
2008	619,150	619,250	611,000	599,050	612,100
2009	589,300	587,350	585,600	583,800	586,500
2010	590,100	601,500	606,600	610,950	602,300
2011 2/	617,200	618,800	614,800	610,550	615,300
2012 2/	607,450	607,950	608,400	611,100	608,700
2013 2/	612,300	616,750	620,650	626,650	619,100
2014 2/	632,700	638,050	641,450	644,400	639,150
2015 2/	647,850	651,450	654,400	658,050	652,950
2016 3/	666,950	661,550	664,850	Year-to-Date	664,450
Percentage Change from the Same Period in Previous Year 1/					
1983	3.1	3.0	3.4	2.3	3.0
1984	1.8	1.9	-0.2	-0.1	0.8
1985	0.7	0.8	2.1	2.9	1.6
1986	3.0	3.1	3.3	3.5	3.2
1987	4.1	5.0	5.2	5.5	5.0
1988	3.8	2.4	1.7	0.4	2.1
1989	1.3	2.4	3.0	3.4	2.6
1990	3.5	4.2	4.3	5.1	4.3
1991	5.2	3.8	3.3	1.9	3.5
1992	1.1	0.7	0.4	0.5	0.7
1993	0.4	0.7	0.1	-0.3	0.2
1994	-0.8	-1.6	-1.7	-0.9	-1.3
1995	-0.3	0.1	-0.1	-0.4	-0.2
1996	0.2	0.7	1.7	1.9	1.1
1997	1.6	1.1	0.9	0.3	1.0
1998	0.0	0.2	0.3	0.5	0.2
1999	0.5	0.7	1.0	1.7	1.0
2000	2.2	2.1	1.3	1.3	1.7
2001	1.3	0.9	0.9	-1.1	0.5
2002	-1.8	-1.8	-1.6	-0.1	-1.3
2003	0.5	0.4	0.4	0.6	0.5
2004	0.9	1.9	2.5	2.8	2.0
2005	2.9	3.0	3.5	3.3	3.2
2006	2.8	2.1	1.7	1.7	2.1
2007	1.2	0.5	-0.9	-1.5	-0.2
2008	-0.9	-0.6	-1.1	-2.8	-1.4
2009	-4.8	-5.2	-4.2	-2.5	-4.2
2010	0.1	2.4	3.6	4.7	2.7
2011 2/	4.6	2.9	1.4	-0.1	2.2
2012 2/	-1.6	-1.8	-1.0	0.1	-1.1
2013 2/	0.8	1.4	2.0	2.5	1.7
2014 2/	3.3	3.5	3.4	2.8	3.2
2015 2/	2.4	2.1	2.0	2.1	2.2
2016 3/	2.9	1.6	1.6	Year-to-Date	2.0

1/ Data rounded to nearest 50.  
 2/ 2011-2015 benchmarked by DLIR in March 2016 and reflect revised population controls and model reestimation  
 3/ 2016 data are preliminary. Q2 revised from previous QSER.  
 Source: Hawaii Department of Labor & Industrial Relations monthly and annual data  
<https://www.hiwi.org/gsipub/index.asp?docid=417>. Quarterly and Year-to-date averages computed by the Hawaii State Department of Business, Economic Development & Tourism.

**Table A-3. CIVILIAN UNEMPLOYED**

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	Annual Average
Not Seasonally Adjusted Data. Number of Persons 1/					
1982	27,800	30,250	30,150	27,650	28,950
1983	29,900	30,550	29,250	26,700	29,100
1984	26,100	27,600	27,150	26,600	26,850
1985	24,850	26,350	27,000	24,950	25,800
1986	25,200	25,550	23,550	19,550	23,450
1987	19,300	21,000	20,350	17,000	19,400
1988	16,700	16,750	17,150	15,150	16,450
1989	14,100	13,650	13,400	12,150	13,300
1990	14,650	16,300	15,000	12,800	14,700
1991	14,950	16,700	17,250	16,700	16,400
1992	21,150	25,500	26,900	27,700	25,300
1993	27,400	26,700	25,650	25,400	26,300
1994	31,050	33,250	34,500	30,450	32,300
1995	31,250	35,500	37,350	33,750	34,450
1996	36,650	38,450	38,450	36,200	37,450
1997	36,600	38,700	39,250	34,900	37,350
1998	35,150	37,500	38,750	35,200	36,650
1999	34,100	34,150	32,900	28,900	32,500
2000	27,050	26,550	25,900	23,350	25,750
2001	24,500	27,000	26,300	32,000	27,450
2002	28,700	26,400	24,500	21,700	25,350
2003	22,850	25,900	26,450	24,000	24,800
2004	22,300	21,250	20,450	19,000	20,750
2005	18,250	18,350	18,500	16,750	17,950
2006	16,750	18,950	16,950	14,100	16,700
2007	16,100	17,700	18,750	18,850	17,850
2008	20,200	25,600	30,000	34,500	27,550
2009	42,450	46,800	46,850	44,600	45,150
2010	44,450	45,100	46,150	44,150	44,950
2011 2/	44,300	45,300	45,900	44,250	44,950
2012 2/	43,000	41,350	37,700	33,550	38,900
2013 2/	32,050	31,750	31,500	31,200	31,600
2014 2/	30,500	30,550	28,950	26,850	29,200
2015 2/	26,500	25,700	24,000	21,800	24,500
2016 3/	21,700	23,300	22,450	Year-to-Date	22,500
Percentage Change from the Same Period in Previous Year 1/					
1983	7.6	1.0	-3.0	-3.4	0.5
1984	-12.7	-9.7	-7.2	-0.4	-7.7
1985	-4.8	-4.5	-0.6	-6.2	-3.9
1986	1.4	-3.0	-12.8	-21.6	-9.1
1987	-23.4	-17.8	-13.6	-13.0	-17.3
1988	-13.5	-20.2	-15.7	-10.9	-15.2
1989	-15.6	-18.5	-21.9	-19.8	-19.1
1990	3.9	19.4	11.9	5.3	10.5
1991	2.0	2.5	15.0	30.5	11.6
1992	41.5	52.7	55.9	65.9	54.3
1993	29.6	4.7	-4.6	-8.3	4.0
1994	13.3	24.5	34.5	19.9	22.8
1995	0.6	6.8	8.3	10.8	6.7
1996	17.3	8.3	2.9	7.3	8.7
1997	-0.1	0.7	2.1	-3.6	-0.3
1998	-4.0	-3.1	-1.3	0.9	-1.9
1999	-3.0	-8.9	-15.1	-17.9	-11.3
2000	-20.7	-22.3	-21.3	-19.2	-20.8
2001	-9.4	1.7	1.5	37.0	6.6
2002	17.1	-2.2	-6.8	-32.2	-7.7
2003	-20.4	-1.9	8.0	10.6	-2.2
2004	-2.4	-18.0	-22.7	-20.8	-16.3
2005	-18.2	-13.6	-9.5	-11.8	-13.5
2006	-8.2	3.3	-8.4	-15.8	-7.0
2007	-3.9	-6.6	10.6	33.7	6.9
2008	25.5	44.6	60.0	83.0	54.3
2009	110.1	82.8	56.2	29.3	63.9
2010	4.7	-3.6	-1.5	-1.0	-0.4
2011 2/	-0.3	0.4	-0.5	0.2	0.0
2012 2/	-2.9	-8.7	-17.9	-24.2	-13.5
2013 2/	-25.5	-23.2	-16.4	-7.0	-18.8
2014 2/	-4.8	-3.8	-8.1	-13.9	-7.6
2015 2/	-13.1	-15.9	-17.1	-18.8	-16.1
2016 3/	-18.1	-9.3	-6.5	Year-to-Date	-11.4

1/ Data rounded to nearest 50.

2/ 2011-2015 benchmarked by DLIR in March 2016 and reflect revised population controls and model reestima

3/ 2016 data are preliminary. Q2 revised from previous QSER.

Source: Hawaii Department of Labor & Industrial Relations monthly and annual data

<<https://www.hiwi.org/gsipub/index.asp?docid=417>>. Quarterly and Year-to-date averages computed by the Hawaii State Department of Business, Economic Development & Tourism.

**Table A-4. CIVILIAN UNEMPLOYMENT RATE**

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	Annual Average
Not Seasonally Adjusted Data. Percent of the Civilian Labor Force 1/					
1982	6.1	6.6	6.5	6.0	6.3
1983	6.4	6.5	6.1	5.7	6.2
1984	5.6	5.8	5.7	5.6	5.7
1985	5.2	5.5	5.6	5.2	5.4
1986	5.2	5.2	4.8	4.0	4.8
1987	3.9	4.1	4.0	3.3	3.8
1988	3.2	3.2	3.3	2.9	3.2
1989	2.7	2.6	2.5	2.3	2.5
1990	2.7	2.9	2.7	2.3	2.7
1991	2.6	2.9	3.0	2.9	2.9
1992	3.6	4.4	4.6	4.7	4.3
1993	4.7	4.5	4.4	4.4	4.5
1994	5.3	5.7	5.9	5.2	5.5
1995	5.3	6.0	6.4	5.8	5.9
1996	6.2	6.4	6.4	6.1	6.3
1997	6.1	6.4	6.5	5.9	6.2
1998	5.9	6.2	6.4	5.9	6.1
1999	5.7	5.7	5.4	4.8	5.4
2000	4.5	4.4	4.3	3.9	4.2
2001	4.0	4.4	4.3	5.3	4.5
2002	4.7	4.4	4.1	3.6	4.2
2003	3.8	4.3	4.4	4.0	4.1
2004	3.7	3.5	3.3	3.1	3.4
2005	2.9	2.9	2.9	2.6	2.9
2006	2.6	2.9	2.7	2.2	2.6
2007	2.5	2.8	2.9	3.0	2.8
2008	3.2	4.0	4.7	5.4	4.3
2009	6.7	7.4	7.4	7.1	7.2
2010	7.0	7.0	7.1	6.7	6.9
2011 2/	6.7	6.9	7.0	6.7	6.8
2012 2/	6.6	6.4	5.9	5.2	6.0
2013 2/	5.0	4.9	4.8	4.8	4.9
2014 2/	4.6	4.6	4.3	4.0	4.4
2015 2/	3.9	3.8	3.6	3.2	3.6
2016 3/	3.2	3.4	3.3	Year-to-Date	3.3

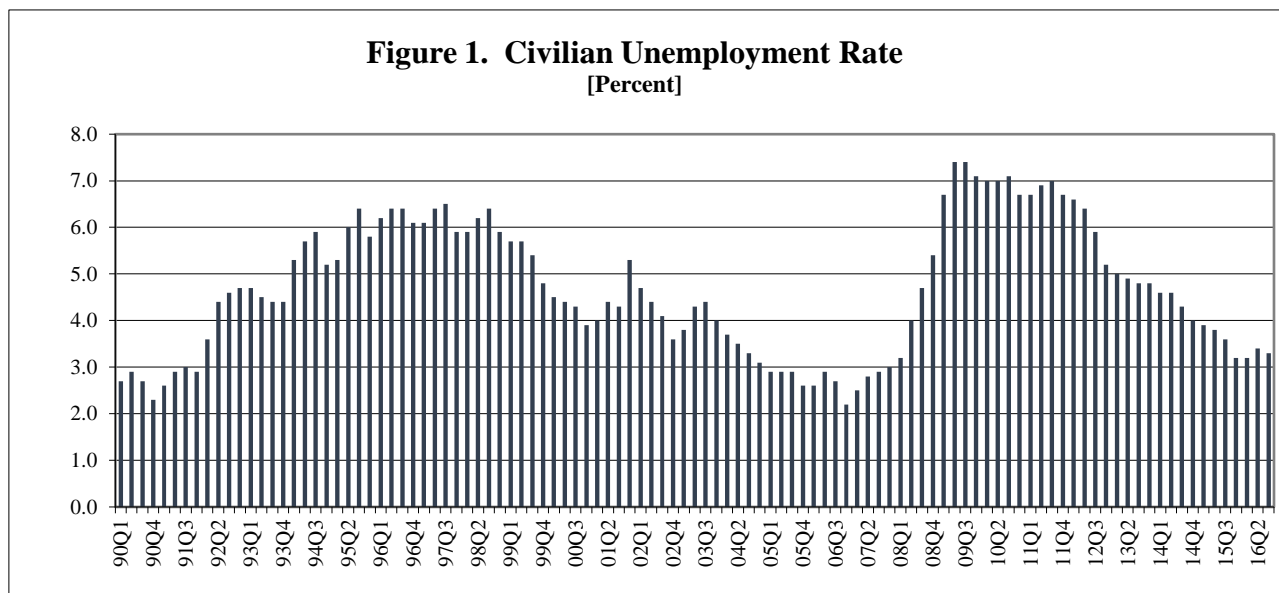
1/ Data rounded to nearest 0.1 percent.

2/ 2011-2015 benchmarked by DLIR in March 2016 and reflect revised population controls and model reestimation.

3/ 2016 data are preliminary.

Source: Hawaii Department of Labor & Industrial Relations monthly and annual data

<<https://www.hiwi.org/gsipub/index.asp?docid=417>>. Quarterly and Year-to-date averages computed by the Hawaii State Department of Business, Economic Development & Tourism.



**Table A-5. TOTAL WAGE AND SALARY JOBS**

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	Annual Average
Not Seasonally Adjusted Data. Number of Jobs 1/					
1990	528,900	538,000	536,300	548,800	538,000
1991	546,700	546,700	546,200	555,200	548,700
1992	552,300	554,100	548,400	553,800	552,100
1993	548,800	551,800	540,900	548,000	547,400
1994	543,300	546,100	539,000	548,200	544,100
1995	543,100	543,300	533,400	540,900	540,200
1996	538,500	538,600	533,500	541,900	538,100
1997	539,700	540,300	534,000	541,300	538,800
1998	537,100	540,400	535,700	542,300	538,900
1999	535,300	542,000	540,700	553,000	542,700
2000	550,200	560,000	557,500	569,300	559,300
2001	562,300	566,000	561,550	559,600	562,350
2002	555,700	563,850	562,150	574,150	563,950
2003	571,150	573,650	571,200	583,000	574,750
2004	580,800	588,950	588,550	604,400	590,650
2005	599,000	608,350	607,850	619,150	608,600
2006	615,650	624,000	622,500	633,800	624,000
2007	628,200	631,950	627,100	638,350	631,350
2008	631,700	630,000	619,050	620,650	625,350
2009	605,100	600,800	588,900	595,750	597,650
2010	589,700	593,800	587,500	601,900	593,200
2011 2/ 3/	596,500	599,400	595,700	609,900	600,400
2012 3/	602,000	611,900	611,100	626,200	612,800
2013 3/	617,500	623,900	622,000	636,800	625,100
2014 3/	630,100	633,400	630,100	643,300	634,200
2015 3/	638,800	641,800	639,400	653,500	643,400
2016 3/ 4/	652,600	655,200	(NA)	Year-to-Date	653,900
Percentage Change from the Same Period in Previous Year					
1991	3.4	1.6	1.8	1.2	2.0
1992	1.0	1.4	0.4	-0.3	0.6
1993	-0.6	-0.4	-1.4	-1.0	-0.9
1994	-1.0	-1.0	-0.4	0.0	-0.6
1995	0.0	-0.5	-1.0	-1.3	-0.7
1996	-0.8	-0.9	0.0	0.2	-0.4
1997	0.2	0.3	0.1	-0.1	0.1
1998	-0.5	0.0	0.3	0.2	0.0
1999	-0.3	0.3	0.9	2.0	0.7
2000	2.8	3.3	3.1	2.9	3.1
2001	2.2	1.1	0.7	-1.7	0.5
2002	-1.2	-0.4	0.1	2.6	0.3
2003	2.8	1.7	1.6	1.5	1.9
2004	1.7	2.7	3.0	3.7	2.8
2005	3.1	3.3	3.3	2.4	3.0
2006	2.8	2.6	2.4	2.4	2.5
2007	2.0	1.3	0.7	0.7	1.2
2008	0.6	-0.3	-1.3	-2.8	-1.0
2009	-4.2	-4.6	-4.9	-4.0	-4.4
2010	-2.5	-1.2	-0.2	1.0	-0.7
2011 2/ 3/	1.2	0.9	1.4	1.3	1.2
2012 3/	0.9	2.1	2.6	2.7	2.1
2013 3/	2.6	2.0	1.8	1.7	2.0
2014 3/	2.0	1.5	1.3	1.0	1.5
2015 3/	1.4	1.3	1.5	1.6	1.5
2016 3/ 4/	2.2	2.1	(NA)	Year-to-Date	2.1

NA Not available.

1/ Data rounded to nearest 100 for 1990-2000 and 2010-2015, and to 50 for 2001-2009.

2/ Jobs data for 2011 had been benchmarked by DLIR in March 2013 for Non-Agricultural Wage and Salary Jobs (A-6) and Agriculture jobs (A-25). The estimates for monthly 2011 Agriculture jobs were withdrawn by DLIR as of the March 2014 benchmark.

3/ Non-agricultural jobs for 2013 to 2015 were benchmarked by DLIR in March 2016 and beginning with 2011 Q1, Agriculture jobs estimates are U.S. Department of Agriculture National Agricultural Statistics Service (NASS) quarterly survey data.

4/ Q2 revised from previous QSER.

Source: Hawaii Department of Labor & Industrial Relations monthly and annual data <<http://www.hiwi.org/gsipub/index.asp?docid=421>> and U.S. Department of Agriculture, National Agricultural Statistics Service <<http://quickstats.nass.usda.gov/>>.

**Table A-6. NON-AGRICULTURAL WAGE AND SALARY JOBS**

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	Annual Average
Not Seasonally Adjusted Data. Number of Jobs 1/					
1990	520,000	528,600	525,900	539,300	528,400
1991	537,900	537,300	536,000	545,200	539,100
1992	543,100	544,700	538,700	544,800	542,800
1993	540,000	543,500	532,100	539,600	538,800
1994	535,300	538,100	530,500	540,600	536,100
1995	536,000	536,300	526,100	533,200	532,900
1996	531,300	531,400	525,900	534,300	530,700
1997	532,900	533,400	526,500	533,600	531,600
1998	529,800	533,000	527,800	534,600	531,300
1999	528,300	534,700	532,500	544,600	535,000
2000	542,300	552,300	549,400	561,500	551,400
2001	555,000	558,850	554,150	551,800	554,950
2002	548,300	556,850	555,000	566,900	556,750
2003	564,050	566,550	564,000	575,950	567,650
2004	573,700	581,750	581,150	596,850	583,350
2005	591,900	601,650	601,000	612,250	601,700
2006	608,700	617,100	615,500	626,850	617,050
2007	621,400	625,400	620,700	631,950	624,850
2008	625,300	623,700	613,000	614,800	619,200
2009	599,050	594,700	582,700	589,400	591,500
2010	583,500	587,600	581,200	595,400	586,900
2011	589,500	592,400	588,700	602,900	593,400
2012	596,000	605,900	604,100	619,200	606,300
2013 2/	611,500	617,900	615,000	629,800	618,600
2014 2/	623,100	626,400	623,100	636,300	627,200
2015 2/	632,800	635,800	632,400	646,500	636,900
2016 2/ 3/	646,600	649,200	647,200	Year-to-Date	647,700
Percentage Change from the Same Period in Previous Year					
1991	3.4	1.6	1.9	1.1	2.0
1992	1.0	1.4	0.5	-0.1	0.7
1993	-0.6	-0.2	-1.2	-1.0	-0.7
1994	-0.9	-1.0	-0.3	0.2	-0.5
1995	0.1	-0.3	-0.8	-1.4	-0.6
1996	-0.9	-0.9	0.0	0.2	-0.4
1997	0.3	0.4	0.1	-0.1	0.2
1998	-0.6	-0.1	0.2	0.2	-0.1
1999	-0.3	0.3	0.9	1.9	0.7
2000	2.7	3.3	3.2	3.1	3.1
2001	2.3	1.2	0.9	-1.7	0.6
2002	-1.2	-0.4	0.2	2.7	0.3
2003	2.9	1.7	1.6	1.6	2.0
2004	1.7	2.7	3.0	3.6	2.8
2005	3.2	3.4	3.4	2.6	3.1
2006	2.8	2.6	2.4	2.4	2.6
2007	2.1	1.3	0.8	0.8	1.3
2008	0.6	-0.3	-1.2	-2.7	-0.9
2009	-4.2	-4.6	-4.9	-4.1	-4.5
2010	-2.6	-1.2	-0.3	1.0	-0.8
2011	1.0	0.8	1.3	1.3	1.1
2012	1.1	2.3	2.6	2.7	2.2
2013 2/	2.6	2.0	1.8	1.7	2.0
2014 2/	1.9	1.4	1.3	1.0	1.4
2015 2/	1.6	1.5	1.5	1.6	1.5
2016 2/ 3/	2.2	2.1	2.3	Year-to-Date	2.2

1/ Data rounded to nearest 100 for 1990-2000 and 2010-2016, and to 50 for 2001-2009.

2/ 2013-2015 data benchmarked by DLIR in March 2016.

3/ Q2 revised from previous QSER.

Source: Hawaii Department of Labor & Industrial Relations monthly and annual data  
 <<https://www.hiwi.org/gsipub/index.asp?docid=421>>. Quarterly and Year-to-Date averages computed by  
 the Hawaii State Department of Business, Economic Development & Tourism.

**Table A-7. NATURAL RESOURCES, MINING & CONSTRUCTION**

<i>Year</i>	<i>First Quarter</i>	<i>Second Quarter</i>	<i>Third Quarter</i>	<i>Fourth Quarter</i>	<i>Annual Average</i>
Not Seasonally Adjusted Data. Number of Jobs 1/					
1990	34,400	34,900	36,000	37,000	35,600
1991	36,200	36,500	36,300	35,400	36,100
1992	33,700	33,800	33,900	34,800	34,100
1993	35,000	34,900	34,800	33,300	34,500
1994	30,900	31,200	31,300	30,100	30,900
1995	27,900	27,600	28,000	27,100	27,600
1996	25,000	24,900	25,300	24,700	25,000
1997	23,600	23,200	23,700	23,500	23,500
1998	22,300	22,500	23,200	23,100	22,800
1999	21,900	22,300	23,100	23,200	22,600
2000	23,300	24,400	25,800	25,700	24,800
2001	24,750	24,550	24,950	24,600	24,700
2002	24,500	25,550	26,800	27,050	26,000
2003	26,850	27,800	28,550	28,500	27,950
2004	27,650	28,950	30,200	30,950	29,450
2005	31,200	33,000	34,450	35,000	33,400
2006	34,700	35,750	37,300	38,400	36,500
2007	37,800	38,800	39,800	40,000	39,100
2008	38,950	38,300	37,900	36,350	37,850
2009	33,250	31,750	30,850	29,800	31,400
2010	28,900	28,800	28,800	29,100	28,900
2011	27,900	28,600	29,500	29,200	28,800
2012	28,400	28,900	29,800	30,500	29,400
2013 2/	30,100	31,000	31,500	31,500	31,000
2014 2/	30,900	31,600	32,800	33,200	32,100
2015 2/	32,400	33,800	35,500	37,700	34,900
2016	38,900	40,000	39,700	Year-to-Date	39,500
Percentage Change from the Same Period in Previous Year					
1991	5.2	4.6	0.8	-4.3	1.4
1992	-6.9	-7.4	-6.6	-1.7	-5.5
1993	3.9	3.3	2.7	-4.3	1.2
1994	-11.7	-10.6	-10.1	-9.6	-10.4
1995	-9.7	-11.5	-10.5	-10.0	-10.7
1996	-10.4	-9.8	-9.6	-8.9	-9.4
1997	-5.6	-6.8	-6.3	-4.9	-6.0
1998	-5.5	-3.0	-2.1	-1.7	-3.0
1999	-1.8	-0.9	-0.4	0.4	-0.9
2000	6.4	9.4	11.7	10.8	9.7
2001	6.2	0.6	-3.3	-4.3	-0.4
2002	-1.0	4.1	7.4	10.0	5.3
2003	9.6	8.8	6.5	5.4	7.5
2004	3.0	4.1	5.8	8.6	5.4
2005	12.8	14.0	14.1	13.1	13.4
2006	11.2	8.3	8.3	9.7	9.3
2007	8.9	8.5	6.7	4.2	7.1
2008	3.0	-1.3	-4.8	-9.1	-3.2
2009	-14.6	-17.1	-18.6	-18.0	-17.0
2010	-13.1	-9.3	-6.6	-2.3	-8.0
2011	-3.5	-0.7	2.4	0.3	-0.3
2012	1.8	1.0	1.0	4.5	2.1
2013 2/	6.0	7.3	5.7	3.3	5.4
2014 2/	2.7	1.9	4.1	5.4	3.5
2015 2/	4.9	7.0	8.2	13.6	8.7
2016	20.1	18.3	11.8	Year-to-Date	16.5

1/ Data rounded to nearest 100 for 1990-2000 and 2010-2016, and to 50 for 2001-2009.

2/ 2013-2015 data benchmarked by DLIR in March 2016.

Source: Hawaii Department of Labor & Industrial Relations monthly and annual data

<<https://www.hiwi.org/gsipub/index.asp?docid=421>>. Quarterly and Year-to-Date averages computed by the Hawaii State Department of Business, Economic Development & Tourism.

**Table A-8. MANUFACTURING JOBS**

<i>Year</i>	<i>First Quarter</i>	<i>Second Quarter</i>	<i>Third Quarter</i>	<i>Fourth Quarter</i>	<i>Annual Average</i>
Not Seasonally Adjusted Data. Number of Jobs 1/					
1990	20,800	20,500	20,600	20,400	20,600
1991	20,200	19,900	19,900	19,500	19,900
1992	18,700	18,800	19,200	18,600	18,800
1993	17,700	17,800	17,700	17,200	17,600
1994	16,700	17,100	17,000	16,500	16,800
1995	16,100	16,200	16,400	16,400	16,300
1996	16,000	15,900	16,200	15,900	16,000
1997	15,800	15,800	15,900	15,800	15,800
1998	15,600	15,600	15,800	15,700	15,700
1999	15,500	15,800	16,100	16,200	15,900
2000	16,100	16,300	16,600	16,700	16,400
2001	16,550	16,600	16,550	16,000	16,400
2002	15,650	15,200	15,100	14,950	15,200
2003	14,750	14,900	15,000	15,400	15,000
2004	15,300	15,450	15,450	15,400	15,400
2005	15,200	15,150	15,300	15,250	15,200
2006	15,100	15,200	15,450	15,450	15,300
2007	15,300	15,250	15,250	15,200	15,250
2008	15,050	15,050	14,900	14,400	14,850
2009	14,000	13,650	13,550	13,500	13,650
2010	13,100	12,900	12,900	13,100	13,000
2011	13,100	13,200	13,300	13,500	13,300
2012	13,300	13,200	13,300	13,500	13,300
2013 2/	13,400	13,400	13,600	13,800	13,600
2014 2/	13,600	13,700	14,100	14,100	13,900
2015 2/	14,000	13,900	14,000	13,900	14,000
2016	14,000	13,900	14,000	Year-to-Date	14,000
Percentage Change from the Same Period in Previous Year					
1991	-2.9	-2.9	-3.4	-4.4	-3.4
1992	-7.4	-5.5	-3.5	-4.6	-5.5
1993	-5.3	-5.3	-7.8	-7.5	-6.4
1994	-5.6	-3.9	-4.0	-4.1	-4.5
1995	-3.6	-5.3	-3.5	-0.6	-3.0
1996	-0.6	-1.9	-1.2	-3.0	-1.8
1997	-1.3	-0.6	-1.9	-0.6	-1.3
1998	-1.3	-1.3	-0.6	-0.6	-0.6
1999	-0.6	1.3	1.9	3.2	1.3
2000	3.9	3.2	3.1	3.1	3.1
2001	2.8	1.8	-0.3	-4.2	0.0
2002	-5.4	-8.4	-8.8	-6.6	-7.3
2003	-5.8	-2.0	-0.7	3.0	-1.3
2004	3.7	3.7	3.0	0.0	2.7
2005	-0.7	-1.9	-1.0	-1.0	-1.3
2006	-0.7	0.3	1.0	1.3	0.7
2007	1.3	0.3	-1.3	-1.6	-0.3
2008	-1.6	-1.3	-2.3	-5.3	-2.6
2009	-7.0	-9.3	-9.1	-6.3	-8.1
2010	-6.4	-5.5	-4.8	-3.0	-4.8
2011	0.0	2.3	3.1	3.1	2.3
2012	1.5	0.0	0.0	0.0	0.0
2013 2/	0.8	1.5	2.3	2.2	2.3
2014 2/	1.5	2.2	3.7	2.2	2.2
2015 2/	2.9	1.5	-0.7	-1.4	0.7
2016	0.0	0.0	0.0	Year-to-Date	0.0

1/ Data rounded to nearest 100 for 1990-2000 and 2010-2016, and to 50 for 2001-2009.

2/ 2013-2015 data benchmarked by DLIR in March 2016.

Source: Hawaii Department of Labor & Industrial Relations monthly and annual data  
 <<https://www.hiwi.org/gsipub/index.asp?docid=421>>. Quarterly and Year-to-Date averages computed by the Hawaii State Department of Business, Economic Development & Tourism.

**Table A-9. WHOLESALE TRADE JOBS**

<i>Year</i>	<i>First Quarter</i>	<i>Second Quarter</i>	<i>Third Quarter</i>	<i>Fourth Quarter</i>	<i>Annual Average</i>
Not Seasonally Adjusted Data. Number of Jobs 1/					
1990	17,400	17,500	17,800	17,900	17,700
1991	17,400	17,300	17,500	17,600	17,500
1992	17,200	17,200	17,300	17,100	17,200
1993	17,000	17,100	16,800	16,600	16,900
1994	16,400	16,400	16,500	16,400	16,400
1995	16,300	16,300	16,100	16,000	16,200
1996	16,000	15,900	16,000	15,800	15,900
1997	15,600	15,600	15,800	15,900	15,700
1998	15,800	15,900	15,800	15,900	15,900
1999	15,600	15,700	15,800	16,000	15,800
2000	16,000	16,100	16,400	16,500	16,200
2001	16,400	16,500	16,550	16,300	16,450
2002	16,100	16,300	16,450	16,700	16,400
2003	16,550	16,700	16,800	16,800	16,700
2004	16,800	17,000	17,100	17,250	17,050
2005	17,250	17,450	17,800	17,950	17,600
2006	17,700	17,950	18,100	18,350	18,050
2007	18,250	18,450	18,700	18,950	18,600
2008	18,800	18,850	18,800	18,650	18,750
2009	18,100	17,850	17,750	17,700	17,850
2010	17,500	17,600	17,700	17,700	17,600
2011	17,300	17,400	17,500	17,700	17,500
2012	17,500	17,600	17,800	17,900	17,700
2013 2/	17,700	17,700	17,700	17,700	17,700
2014 2/	17,600	17,600	17,700	18,000	17,700
2015 2/	17,900	17,900	18,000	18,000	18,000
2016	17,700	17,600	17,400	Year-to-Date	17,600
Percentage Change from the Same Period in Previous Year					
1991	0.0	-1.1	-1.7	-1.7	-1.1
1992	-1.1	-0.6	-1.1	-2.8	-1.7
1993	-1.2	-0.6	-2.9	-2.9	-1.7
1994	-3.5	-4.1	-1.8	-1.2	-3.0
1995	-0.6	-0.6	-2.4	-2.4	-1.2
1996	-1.8	-2.5	-0.6	-1.3	-1.9
1997	-2.5	-1.9	-1.3	0.6	-1.3
1998	1.3	1.9	0.0	0.0	1.3
1999	-1.3	-1.3	0.0	0.6	-0.6
2000	2.6	2.5	3.8	3.1	2.5
2001	2.5	2.5	0.9	-1.2	1.5
2002	-1.8	-1.2	-0.6	2.5	-0.3
2003	2.8	2.5	2.1	0.6	1.8
2004	1.5	1.8	1.8	2.7	2.1
2005	2.7	2.6	4.1	4.1	3.2
2006	2.6	2.9	1.7	2.2	2.6
2007	3.1	2.8	3.3	3.3	3.0
2008	3.0	2.2	0.5	-1.6	0.8
2009	-3.7	-5.3	-5.6	-5.1	-4.8
2010	-3.3	-1.4	-0.3	0.0	-1.4
2011	-1.1	-1.1	-1.1	0.0	-0.6
2012	1.2	1.1	1.7	1.1	1.1
2013 2/	1.1	0.6	-0.6	-1.1	0.0
2014 2/	-0.6	-0.6	0.0	1.7	0.0
2015 2/	1.7	1.7	1.7	0.0	1.7
2016	-1.1	-1.7	-3.3	Year-to-Date	-1.7

1/ Data rounded to nearest 100 for 1990-2000 and 2010-2016, and to 50 for 2001-2009.

2/ 2013-2015 data benchmarked by DLIR in March 2016.

Source: Hawaii Department of Labor & Industrial Relations monthly and annual data  
 <<https://www.hiwi.org/gsipub/index.asp?docid=421>>. Quarterly and Year-to-Date averages computed by the Hawaii State Department of Business, Economic Development & Tourism.



**Table A-10. RETAIL TRADE JOBS**

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	Annual Average
Not Seasonally Adjusted Data. Number of Jobs 1/					
1990	66,500	66,600	67,500	68,900	67,400
1991	67,700	66,400	67,200	68,600	67,500
1992	68,000	67,300	67,600	68,400	67,800
1993	66,200	66,900	67,600	68,800	67,400
1994	66,600	66,100	67,000	70,000	67,400
1995	68,200	67,400	68,600	70,400	68,700
1996	68,400	67,200	67,300	67,900	67,700
1997	67,500	66,200	65,500	66,500	66,400
1998	64,800	63,700	63,800	65,500	64,500
1999	63,700	63,900	64,700	67,300	64,900
2000	65,600	65,100	66,200	68,500	66,400
2001	66,700	66,000	66,150	65,600	66,100
2002	63,200	63,200	64,050	65,500	64,000
2003	63,500	63,150	64,350	66,500	64,350
2004	65,350	65,650	66,800	70,000	66,950
2005	68,250	68,000	69,250	71,400	69,250
2006	69,800	69,350	69,500	71,450	70,050
2007	69,950	69,650	69,750	72,000	70,350
2008	70,350	69,800	69,650	69,400	69,800
2009	67,150	65,600	65,750	67,350	66,450
2010	65,600	65,300	65,700	67,400	66,000
2011	66,300	65,900	66,600	69,000	67,000
2012	67,900	68,000	68,400	71,000	68,800
2013 2/	69,100	68,900	69,400	71,500	69,700
2014 2/	69,000	68,900	69,600	71,900	69,900
2015 2/	70,300	69,900	70,300	70,700	70,300
2016 3/	70,400	70,000	69,900	Year-to-Date	70,100
Percentage Change from the Same Period in Previous Year					
1991	1.8	-0.3	-0.4	-0.4	0.1
1992	0.4	1.4	0.6	-0.3	0.4
1993	-2.6	-0.6	0.0	0.6	-0.6
1994	0.6	-1.2	-0.9	1.7	0.0
1995	2.4	2.0	2.4	0.6	1.9
1996	0.3	-0.3	-1.9	-3.6	-1.5
1997	-1.3	-1.5	-2.7	-2.1	-1.9
1998	-4.0	-3.8	-2.6	-1.5	-2.9
1999	-1.7	0.3	1.4	2.7	0.6
2000	3.0	1.9	2.3	1.8	2.3
2001	1.7	1.4	-0.1	-4.2	-0.5
2002	-5.2	-4.2	-3.2	-0.2	-3.2
2003	0.5	-0.1	0.5	1.5	0.5
2004	2.9	4.0	3.8	5.3	4.0
2005	4.4	3.6	3.7	2.0	3.4
2006	2.3	2.0	0.4	0.1	1.2
2007	0.2	0.4	0.4	0.8	0.4
2008	0.6	0.2	-0.1	-3.6	-0.8
2009	-4.5	-6.0	-5.6	-3.0	-4.8
2010	-2.3	-0.5	-0.1	0.1	-0.7
2011	1.1	0.9	1.4	2.4	1.5
2012	2.4	3.2	2.7	2.9	2.7
2013 2/	1.8	1.3	1.5	0.7	1.3
2014 2/	-0.1	0.0	0.3	0.6	0.3
2015 2/	1.9	1.5	1.0	-1.7	0.6
2016 3/	0.1	0.1	-0.6	Year-to-Date	-0.1

1/ Data rounded to nearest 100 for 1990-2000 and 2010-2016, and to 50 for 2001-2009.

2/ 2013-2015 data benchmarked by DLIR in March 2016.

3/ Q2 revised from previous QSER.

Source: Hawaii Department of Labor & Industrial Relations monthly and annual data

<<https://www.hiwi.org/gsipub/index.asp?docid=421>>. Quarterly and Year-to-Date averages computed by the Hawaii State Department of Business, Economic Development & Tourism.

**Table A-11. TRANSP., WAREHOUSING, & UTILITIES JOBS**

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	Annual Average
Not Seasonally Adjusted Data. Number of Jobs					
1990	27,800	28,100	28,600	29,200	28,400
1991	28,900	28,900	29,500	30,000	29,300
1992	29,600	29,700	30,100	29,700	29,800
1993	29,500	29,200	29,100	29,300	29,300
1994	28,900	29,200	28,800	28,700	28,900
1995	28,300	28,500	28,400	28,300	28,400
1996	27,900	27,500	27,800	28,300	27,900
1997	28,300	28,100	28,100	28,100	28,200
1998	27,800	27,900	27,500	27,300	27,600
1999	26,800	27,300	27,500	27,900	27,400
2000	27,700	28,100	28,300	28,700	28,200
2001	28,750	29,050	29,150	26,600	28,400
2002	25,650	26,200	26,600	26,950	26,350
2003	27,000	26,700	26,700	26,850	26,800
2004	26,900	28,250	28,600	29,250	28,250
2005	29,500	30,850	31,600	31,450	30,850
2006	31,850	33,000	33,800	33,150	32,950
2007	32,850	32,800	32,850	33,200	32,950
2008	32,100	29,900	28,300	27,750	29,500
2009	27,150	26,850	26,550	26,250	26,700
2010	26,200	26,300	26,600	27,000	26,500
2011	26,900	26,800	27,000	27,600	27,100
2012	27,700	28,000	28,600	29,000	28,300
2013 2/	29,000	29,300	29,700	30,000	29,500
2014 2/	29,900	30,000	30,000	30,500	30,100
2015 2/	30,700	30,800	30,800	30,900	30,800
2016	30,800	31,000	31,800	Year-to-Date	31,200
Percentage Change from the Same Period in Previous Year					
1991	4.0	2.8	3.1	2.7	3.2
1992	2.4	2.8	2.0	-1.0	1.7
1993	-0.3	-1.7	-3.3	-1.3	-1.7
1994	-2.0	0.0	-1.0	-2.0	-1.4
1995	-2.1	-2.4	-1.4	-1.4	-1.7
1996	-1.4	-3.5	-2.1	0.0	-1.8
1997	1.4	2.2	1.1	-0.7	1.1
1998	-1.8	-0.7	-2.1	-2.8	-2.1
1999	-3.6	-2.2	0.0	2.2	-0.7
2000	3.4	2.9	2.9	2.9	2.9
2001	3.8	3.4	3.0	-7.3	0.7
2002	-10.8	-9.8	-8.7	1.3	-7.2
2003	5.3	1.9	0.4	-0.4	1.7
2004	-0.4	5.8	7.1	8.9	5.4
2005	9.7	9.2	10.5	7.5	9.2
2006	8.0	7.0	7.0	5.4	6.8
2007	3.1	-0.6	-2.8	0.2	0.0
2008	-2.3	-8.8	-13.9	-16.4	-10.5
2009	-15.4	-10.2	-6.2	-5.4	-9.5
2010	-3.5	-2.0	0.2	2.9	-0.7
2011	2.7	1.9	1.5	2.2	2.3
2012	3.0	4.5	5.9	5.1	4.4
2013 2/	4.7	4.6	3.8	3.4	4.2
2014 2/	3.1	2.4	1.0	1.7	2.0
2015 2/	2.7	2.7	2.7	1.3	2.3
2016	0.3	0.6	3.2	Year-to-Date	1.3

1/ Data rounded to nearest 100 for 1990-2000 and 2010-2016, and to 50 for 2001-2009.

2/ 2013-2015 data benchmarked by DLIR in March 2016.

Source: Hawaii Department of Labor & Industrial Relations monthly and annual data

<<https://www.hiwi.org/gsipub/index.asp?docid=421>>. Quarterly and Year-to-Date averages computed by the Hawaii State Department of Business, Economic Development & Tourism.

**Table A-12. INFORMATION JOBS**

<i>Year</i>	<i>First Quarter</i>	<i>Second Quarter</i>	<i>Third Quarter</i>	<i>Fourth Quarter</i>	<i>Annual Average</i>
Not Seasonally Adjusted Data. Number of Jobs 1/					
1990	9,600	9,800	9,800	10,000	9,800
1991	9,800	9,900	9,700	9,900	9,800
1992	10,300	9,700	10,500	10,500	10,300
1993	10,300	9,900	9,900	9,700	10,000
1994	10,200	10,100	10,200	10,900	10,400
1995	10,400	10,200	10,400	10,400	10,400
1996	10,600	10,600	10,400	11,300	10,700
1997	10,600	11,200	11,400	11,000	11,100
1998	11,100	11,500	11,600	11,800	11,500
1999	11,200	11,400	11,800	11,800	11,600
2000	11,600	12,500	12,600	12,500	12,300
2001	12,150	11,950	11,700	11,600	11,850
2002	11,650	11,500	11,500	11,300	11,450
2003	10,900	10,850	10,000	10,000	10,450
2004	10,250	10,450	11,050	11,400	10,800
2005	10,500	10,700	10,850	11,200	10,800
2006	10,950	10,650	10,650	10,650	10,700
2007	10,750	10,900	10,500	10,300	10,600
2008	10,000	10,750	9,700	9,750	10,050
2009	9,350	9,200	8,800	9,050	9,100
2010	9,500	10,100	9,800	9,800	9,800
2011	9,400	8,000	8,300	8,500	8,500
2012	8,400	8,200	8,300	8,900	8,400
2013 2/	8,400	8,100	8,900	9,600	8,800
2014 2/	8,400	8,400	8,600	8,600	8,500
2015 2/	8,600	8,300	8,600	8,700	8,500
2016	8,700	8,600	8,600	Year-to-Date	8,700
Percentage Change from the Same Period in Previous Year					
1991	2.1	1.0	-1.0	-1.0	0.0
1992	5.1	-2.0	8.2	6.1	5.1
1993	0.0	2.1	-5.7	-7.6	-2.9
1994	-1.0	2.0	3.0	12.4	4.0
1995	2.0	1.0	2.0	-4.6	0.0
1996	1.9	3.9	0.0	8.7	2.9
1997	0.0	5.7	9.6	-2.7	3.7
1998	4.7	2.7	1.8	7.3	3.6
1999	0.9	-0.9	1.7	0.0	0.9
2000	3.6	9.6	6.8	5.9	6.0
2001	4.7	-4.4	-7.1	-7.2	-3.7
2002	-4.1	-3.8	-1.7	-2.6	-3.4
2003	-6.4	-5.7	-13.0	-11.5	-8.7
2004	-6.0	-3.7	10.5	14.0	3.3
2005	2.4	2.4	-1.8	-1.8	0.0
2006	4.3	-0.5	-1.8	-4.9	-0.9
2007	-1.8	2.3	-1.4	-3.3	-0.9
2008	-7.0	-1.4	-7.6	-5.3	-5.2
2009	-6.5	-14.4	-9.3	-7.2	-9.5
2010	1.6	9.8	11.4	8.3	7.7
2011	-1.1	-20.8	-15.3	-13.3	-13.3
2012	-10.6	2.5	0.0	4.7	-1.2
2013 2/	0.0	-1.2	7.2	7.9	4.8
2014 2/	0.0	3.7	-3.4	-10.4	-3.4
2015 2/	2.4	-1.2	0.0	1.2	0.0
2016	1.2	3.6	0.0	Year-to-Date	2.4

1/ Data rounded to nearest 100 for 1990-2000 and 2010-2016, and to 50 for 2001-2009.

2/ 2013-2015 data benchmarked by DLIR in March 2016.

Source: Hawaii Department of Labor & Industrial Relations monthly and annual data

<<https://www.hiwi.org/gsipub/index.asp?docid=421>>. Quarterly and Year-to-Date averages computed by the Hawaii State Department of Business, Economic Development & Tourism.

**Table A-13. FINANCIAL ACTIVITIES JOBS**

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	Annual Average
Not Seasonally Adjusted Data. Number of Jobs 1/					
1990	30,700	31,200	31,900	32,000	31,400
1991	31,400	31,400	31,700	31,800	31,600
1992	31,000	31,100	31,300	31,500	31,200
1993	31,900	32,300	32,500	32,400	32,300
1994	32,600	31,700	31,800	31,400	31,900
1995	31,000	30,800	30,900	30,700	30,900
1996	30,700	30,600	30,600	30,400	30,600
1997	30,500	30,100	30,000	29,800	30,100
1998	29,900	29,900	30,300	30,200	30,100
1999	29,800	29,800	29,300	29,000	29,500
2000	28,500	28,500	28,600	28,600	28,600
2001	28,250	28,250	28,000	27,600	28,050
2002	27,350	27,600	27,850	28,150	27,700
2003	27,900	28,200	28,700	28,650	28,350
2004	28,550	28,750	28,850	29,100	28,800
2005	28,850	29,050	29,500	29,700	29,300
2006	29,650	30,050	30,050	30,050	29,950
2007	30,000	30,050	30,050	30,000	30,050
2008	29,550	29,700	29,400	28,800	29,350
2009	27,900	27,800	27,600	27,500	27,700
2010	27,100	26,900	26,900	26,900	26,900
2011	26,500	26,500	26,700	26,700	26,600
2012	26,500	26,600	26,800	27,000	26,700
2013 2/	26,800	27,200	27,300	27,300	27,200
2014 2/	27,200	27,500	27,800	27,900	27,600
2015 2/	27,900	28,200	28,200	28,000	28,100
2016	28,300	28,400	28,500	Year-to-Date	28,400
Percentage Change from the Same Period in Previous Year					
1991	2.3	0.6	-0.6	-0.6	0.6
1992	-1.3	-1.0	-1.3	-0.9	-1.3
1993	2.9	3.9	3.8	2.9	3.5
1994	2.2	-1.9	-2.2	-3.1	-1.2
1995	-4.9	-2.8	-2.8	-2.2	-3.1
1996	-1.0	-0.6	-1.0	-1.0	-1.0
1997	-0.7	-1.6	-2.0	-2.0	-1.6
1998	-2.0	-0.7	1.0	1.3	0.0
1999	-0.3	-0.3	-3.3	-4.0	-2.0
2000	-4.4	-4.4	-2.4	-1.4	-3.1
2001	-0.9	-0.9	-2.1	-3.5	-1.9
2002	-3.2	-2.3	-0.5	2.0	-1.2
2003	2.0	2.2	3.1	1.8	2.3
2004	2.3	2.0	0.5	1.6	1.6
2005	1.1	1.0	2.3	2.1	1.7
2006	2.8	3.4	1.9	1.2	2.2
2007	1.2	0.0	0.0	-0.2	0.3
2008	-1.5	-1.2	-2.2	-4.0	-2.3
2009	-5.6	-6.4	-6.1	-4.5	-5.6
2010	-2.9	-3.2	-2.5	-2.2	-2.9
2011	-2.2	-1.5	-0.7	-0.7	-1.1
2012	0.0	0.4	0.4	1.1	0.4
2013 2/	1.1	2.3	1.9	1.1	1.9
2014 2/	1.5	1.1	1.8	2.2	1.5
2015 2/	2.6	2.5	1.4	0.4	1.8
2016	1.4	0.7	1.1	Year-to-Date	1.1

1/ Data rounded to nearest 100 for 1990-2000 and 2010-2016, and to 50 for 2001-2009.

2/ 2013-2015 data benchmarked by DLIR in March 2016.

Source: Hawaii Department of Labor & Industrial Relations monthly and annual data

<<https://www.hiwi.org/gsipub/index.asp?docid=421>>. Quarterly and Year-to-Date averages computed by the Hawaii State Department of Business, Economic Development & Tourism.

**Table A-14. PROFESSIONAL & BUSINESS SERVICES JOBS**

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	Annual Average
Not Seasonally Adjusted Data. Number of Jobs 1/					
1990	49,200	49,500	50,400	50,800	50,000
1991	50,800	50,600	51,000	51,100	50,900
1992	51,000	51,400	51,900	52,000	51,600
1993	51,800	51,800	51,400	51,800	51,700
1994	52,200	52,700	52,700	53,100	52,700
1995	53,600	53,500	53,700	53,800	53,700
1996	55,200	55,200	55,800	56,000	55,500
1997	56,400	56,100	56,200	56,500	56,300
1998	56,300	56,300	56,600	56,300	56,400
1999	56,600	57,300	58,200	59,700	58,000
2000	59,900	60,900	61,900	63,100	61,500
2001	63,100	63,950	64,700	64,000	63,950
2002	64,600	66,600	68,400	69,350	67,250
2003	68,900	69,100	70,250	70,350	69,650
2004	70,050	69,950	71,000	71,900	70,750
2005	72,500	73,550	74,650	76,200	74,200
2006	76,450	77,000	77,400	76,350	76,800
2007	75,600	75,800	76,600	77,450	76,350
2008	76,050	75,750	75,350	74,850	75,500
2009	72,950	71,200	70,350	71,150	71,400
2010	70,600	71,000	71,900	72,900	71,600
2011	74,200	75,000	75,300	76,600	75,300
2012	75,600	77,100	77,300	78,600	77,100
2013 2/	78,800	79,200	80,000	81,800	79,900
2014 2/	81,600	82,100	82,200	83,200	82,300
2015 2/	83,000	83,200	83,200	84,100	83,400
2016	84,100	83,800	84,100	Year-to-Date	84,000
Percentage Change from the Same Period in Previous Year					
1991	3.3	2.2	1.2	0.6	1.8
1992	0.4	1.6	1.8	1.8	1.4
1993	1.6	0.8	-1.0	-0.4	0.2
1994	0.8	1.7	2.5	2.5	1.9
1995	2.7	1.5	1.9	1.3	1.9
1996	3.0	3.2	3.9	4.1	3.4
1997	2.2	1.6	0.7	0.9	1.4
1998	-0.2	0.4	0.7	-0.4	0.2
1999	0.5	1.8	2.8	6.0	2.8
2000	5.8	6.3	6.4	5.7	6.0
2001	5.3	5.0	4.5	1.4	4.0
2002	2.4	4.1	5.7	8.4	5.2
2003	6.7	3.8	2.7	1.4	3.6
2004	1.7	1.2	1.1	2.2	1.6
2005	3.5	5.1	5.1	6.0	4.9
2006	5.4	4.7	3.7	0.2	3.5
2007	-1.1	-1.6	-1.0	1.4	-0.6
2008	0.6	-0.1	-1.6	-3.4	-1.1
2009	-4.1	-6.0	-6.6	-4.9	-5.4
2010	-3.2	-0.3	2.2	2.5	0.3
2011	5.1	5.6	4.7	5.1	5.2
2012	1.9	2.8	2.7	2.6	2.4
2013 2/	4.2	2.7	3.5	4.1	3.6
2014 2/	3.6	3.7	2.8	1.7	3.0
2015 2/	1.7	1.3	1.2	1.1	1.3
2016	1.3	0.7	1.1	Year-to-Date	1.0

1/ Data rounded to nearest 100 for 1990-2000 and 2010-2016, and to 50 for 2001-2009.

2/ 2013-2015 data benchmarked by DLIR in March 2016.

Source: Hawaii Department of Labor & Industrial Relations monthly and annual data  
 <<https://www.hiwi.org/gsipub/index.asp?docid=421>>. Quarterly and Year-to-Date averages computed by the Hawaii State Department of Business, Economic Development & Tourism.

**Table A-15. EDUCATIONAL SERVICES JOBS**

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	Annual Average
Not Seasonally Adjusted Data. Number of Jobs 1/					
1990	9,000	8,900	8,400	9,500	8,900
1991	9,400	9,200	9,000	9,500	9,300
1992	9,700	9,600	9,200	9,900	9,600
1993	10,000	9,900	9,300	10,000	9,800
1994	9,800	9,800	9,000	10,200	9,700
1995	9,900	9,900	9,400	10,200	9,800
1996	10,100	10,200	9,700	10,500	10,100
1997	10,200	10,400	10,300	10,800	10,500
1998	10,400	10,700	10,400	11,100	10,700
1999	10,900	10,900	10,600	11,200	10,900
2000	11,300	11,200	10,700	11,600	11,200
2001	11,450	11,650	11,450	12,100	11,650
2002	12,000	12,150	11,750	12,600	12,150
2003	12,400	12,700	12,500	13,050	12,650
2004	12,800	13,100	12,700	13,450	13,000
2005	13,500	13,800	13,300	13,800	13,600
2006	13,650	14,200	13,700	14,050	13,900
2007	14,100	14,650	14,050	14,750	14,400
2008	14,550	14,900	14,400	15,000	14,700
2009	14,800	14,800	14,050	14,750	14,600
2010	14,600	14,400	13,700	14,800	14,400
2011	14,500	14,500	13,900	15,000	14,500
2012	14,900	15,100	14,700	15,100	15,000
2013 2/	15,000	15,200	14,500	14,700	14,900
2014 2/	14,300	14,200	13,500	14,300	14,100
2015 2/	14,300	14,500	13,600	14,500	14,200
2016 3/	14,600	15,000	14,400	Year-to-Date	14,700
Percentage Change from the Same Period in Previous Year					
1991	4.4	3.4	7.1	0.0	4.5
1992	3.2	4.3	2.2	4.2	3.2
1993	3.1	3.1	1.1	1.0	2.1
1994	-2.0	-1.0	-3.2	2.0	-1.0
1995	1.0	1.0	4.4	0.0	1.0
1996	2.0	3.0	3.2	2.9	3.1
1997	1.0	2.0	6.2	2.9	4.0
1998	2.0	2.9	1.0	2.8	1.9
1999	4.8	1.9	1.9	0.9	1.9
2000	3.7	2.8	0.9	3.6	2.8
2001	1.3	4.0	7.0	4.3	4.0
2002	4.8	4.3	2.6	4.1	4.3
2003	3.3	4.5	6.4	3.6	4.1
2004	3.2	3.1	1.6	3.1	2.8
2005	5.5	5.3	4.7	2.6	4.6
2006	1.1	2.9	3.0	1.8	2.2
2007	3.3	3.2	2.6	5.0	3.6
2008	3.2	1.7	2.5	1.7	2.1
2009	1.7	-0.7	-2.4	-1.7	-0.7
2010	-1.4	-2.7	-2.5	0.3	-1.4
2011	-0.7	0.7	1.5	1.4	0.7
2012	2.8	4.1	5.8	0.7	3.4
2013 2/	0.7	0.7	-1.4	-2.6	-0.7
2014 2/	-4.7	-6.6	-6.9	-2.7	-5.4
2015 2/	0.0	2.1	0.7	1.4	0.7
2016 3/	2.1	3.4	5.9	Year-to-Date	4.3

1/ Data rounded to nearest 100 for 1990-2000 and 2010-2016, and to 50 for 2001-2009.

2/ 2013-2015 data benchmarked by DLIR in March 2016.

3/ Q2 revised from previous QSER.

Source: Hawaii Department of Labor & Industrial Relations monthly and annual data

<<https://www.hiwi.org/gsipub/index.asp?docid=421>>. Quarterly and Year-to-Date averages computed by the Hawaii State Department of Business, Economic Development & Tourism.

**Table A-16. HEALTH CARE & SOCIAL ASSISTANCE JOBS**

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	Annual Average
Not Seasonally Adjusted Data. Number of Jobs 1/					
1990	36,600	37,400	38,800	38,800	37,900
1991	39,900	39,900	41,000	41,100	40,500
1992	40,900	41,200	42,100	41,400	41,400
1993	41,300	41,600	42,200	42,100	41,800
1994	42,300	42,600	42,900	42,600	42,600
1995	42,500	42,800	42,800	42,600	42,700
1996	42,600	42,800	43,700	43,700	43,200
1997	44,100	44,800	45,800	45,600	45,100
1998	45,700	46,600	47,500	47,400	46,800
1999	46,700	47,700	48,100	48,100	47,700
2000	47,800	48,700	49,000	49,200	48,700
2001	49,350	50,150	50,400	50,600	50,100
2002	50,350	51,100	51,550	51,750	51,150
2003	51,900	52,450	52,750	53,650	52,700
2004	53,550	54,400	54,850	55,800	54,650
2005	55,900	56,400	56,300	56,600	56,300
2006	56,200	57,100	57,450	58,300	57,250
2007	58,200	58,750	58,700	58,850	58,600
2008	58,800	59,300	59,700	60,100	59,450
2009	59,700	60,000	59,950	60,250	60,000
2010	60,500	61,000	61,000	61,300	60,900
2011	60,700	61,200	61,700	61,900	61,400
2012	60,900	61,800	62,500	63,400	62,200
2013 2/	63,400	63,900	64,300	64,700	64,100
2014 2/	64,100	64,600	65,200	65,900	64,900
2015 2/	66,300	66,600	66,900	68,400	67,100
2016	68,800	69,000	70,200	Year-to-Date	69,300
Percentage Change from the Same Period in Previous Year					
1991	9.0	6.7	5.7	5.9	6.9
1992	2.5	3.3	2.7	0.7	2.2
1993	1.0	1.0	0.2	1.7	1.0
1994	2.4	2.4	1.7	1.2	1.9
1995	0.5	0.5	-0.2	0.0	0.2
1996	0.2	0.0	2.1	2.6	1.2
1997	3.5	4.7	4.8	4.3	4.4
1998	3.6	4.0	3.7	3.9	3.8
1999	2.2	2.4	1.3	1.5	1.9
2000	2.4	2.1	1.9	2.3	2.1
2001	3.2	3.0	2.9	2.8	2.9
2002	2.0	1.9	2.3	2.3	2.1
2003	3.1	2.6	2.3	3.7	3.0
2004	3.2	3.7	4.0	4.0	3.7
2005	4.4	3.7	2.6	1.4	3.0
2006	0.5	1.2	2.0	3.0	1.7
2007	3.6	2.9	2.2	0.9	2.4
2008	1.0	0.9	1.7	2.1	1.5
2009	1.5	1.2	0.4	0.2	0.9
2010	1.3	1.7	1.8	1.7	1.5
2011	0.3	0.3	1.1	1.0	0.8
2012	0.3	1.0	1.3	2.4	1.3
2013 2/	4.1	3.4	2.9	2.1	3.1
2014 2/	1.1	1.1	1.4	1.9	1.2
2015 2/	3.4	3.1	2.6	3.8	3.4
2016	3.8	3.6	4.9	Year-to-Date	4.1

1/ Data rounded to nearest 100 for 1990-2000 and 2010-2016, and to 50 for 2001-2009.

2/ 2013-2015 data benchmarked by DLIR in March 2016.

Source: Hawaii Department of Labor & Industrial Relations monthly and annual data

<<https://www.hiwi.org/gsipub/index.asp?docid=421>>. Quarterly and Year-to-Date averages computed by the Hawaii State Department of Business, Economic Development & Tourism.

**Table A-17. ARTS, ENTERTAINMENT & RECREATION JOBS**

<i>Year</i>	<i>First Quarter</i>	<i>Second Quarter</i>	<i>Third Quarter</i>	<i>Fourth Quarter</i>	<i>Annual Average</i>
Not Seasonally Adjusted Data. Number of Jobs 1/					
1990	9,100	9,100	9,500	9,300	9,300
1991	9,300	9,500	9,800	9,700	9,600
1992	10,200	10,400	10,500	10,100	10,300
1993	10,300	10,500	10,400	10,000	10,300
1994	10,400	10,700	11,000	10,400	10,600
1995	10,600	10,900	10,600	10,300	10,600
1996	9,900	10,000	10,300	10,300	10,100
1997	9,900	10,400	10,200	10,300	10,200
1998	10,100	10,300	10,400	10,400	10,300
1999	10,300	10,500	10,500	10,400	10,400
2000	10,600	10,800	10,900	11,000	10,800
2001	11,100	11,350	11,300	10,700	11,100
2002	10,750	11,000	10,900	11,050	10,900
2003	10,900	11,150	11,050	11,300	11,100
2004	11,300	11,500	11,500	11,350	11,400
2005	11,250	11,650	11,700	11,550	11,550
2006	11,450	11,850	11,650	11,750	11,650
2007	11,750	12,150	12,300	12,000	12,050
2008	11,750	11,800	11,600	11,150	11,600
2009	10,700	10,700	10,750	10,550	10,700
2010	10,300	10,300	10,400	10,400	10,300
2011	10,400	10,400	10,600	10,700	10,500
2012	10,800	11,400	11,400	11,600	11,300
2013 2/	11,600	12,000	12,200	12,100	12,000
2014 2/	12,000	12,100	12,000	12,000	12,000
2015 2/	11,600	11,700	11,900	12,000	11,800
2016	11,900	12,100	12,500	Year-to-Date	12,200
Percentage Change from the Same Period in Previous Year					
1991	2.2	4.4	3.2	4.3	3.2
1992	9.7	9.5	7.1	4.1	7.3
1993	1.0	1.0	-1.0	-1.0	0.0
1994	1.0	1.9	5.8	4.0	2.9
1995	1.9	1.9	-3.6	-1.0	0.0
1996	-6.6	-8.3	-2.8	0.0	-4.7
1997	0.0	4.0	-1.0	0.0	1.0
1998	2.0	-1.0	2.0	1.0	1.0
1999	2.0	1.9	1.0	0.0	1.0
2000	2.9	2.9	3.8	5.8	3.8
2001	4.7	5.1	3.7	-2.7	2.8
2002	-3.2	-3.1	-3.5	3.3	-1.8
2003	1.4	1.4	1.4	2.3	1.8
2004	3.7	3.1	4.1	0.4	2.7
2005	-0.4	1.3	1.7	1.8	1.3
2006	1.8	1.7	-0.4	1.7	0.9
2007	2.6	2.5	5.6	2.1	3.4
2008	0.0	-2.9	-5.7	-7.1	-3.7
2009	-8.9	-9.3	-7.3	-5.4	-7.8
2010	-3.7	-3.7	-3.3	-1.4	-3.7
2011	1.0	1.0	1.9	2.9	1.9
2012	3.8	9.6	7.5	8.4	7.6
2013 2/	7.4	5.3	7.0	4.3	6.2
2014 2/	3.4	0.8	-1.6	-0.8	0.0
2015 2/	-3.3	-3.3	-0.8	0.0	-1.7
2016	2.6	3.4	5.0	Year-to-Date	3.4

1/ Data rounded to nearest 100 for 1990-2000 and 2010-2016, and to 50 for 2001-2009.

2/ 2013-2015 data benchmarked by DLIR in March 2016.

Source: Hawaii Department of Labor & Industrial Relations monthly and annual data

<<https://www.hiwi.org/gsipub/index.asp?docid=421>>. Quarterly and Year-to-Date averages computed by the Hawaii State Department of Business, Economic Development & Tourism.



**Table A-18. ACCOMMODATION JOBS**

<i>Year</i>	<i>First Quarter</i>	<i>Second Quarter</i>	<i>Third Quarter</i>	<i>Fourth Quarter</i>	<i>Annual Average</i>
Not Seasonally Adjusted Data. Number of Jobs 1/					
1990	37,800	39,000	38,700	39,800	38,800
1991	40,200	39,600	41,300	41,500	40,600
1992	41,500	41,300	40,800	40,200	41,000
1993	38,600	38,100	37,600	37,400	37,900
1994	37,700	37,700	38,000	38,200	37,900
1995	37,900	37,300	37,500	37,500	37,600
1996	38,100	37,800	38,400	38,700	38,300
1997	38,900	37,800	37,800	38,000	38,100
1998	38,200	37,800	37,400	37,300	37,700
1999	37,400	37,400	36,800	37,900	37,400
2000	37,800	38,400	38,400	38,700	38,300
2001	38,750	38,550	38,550	35,900	37,900
2002	35,750	36,050	36,550	36,200	36,150
2003	36,750	36,400	36,800	37,000	36,750
2004	37,350	37,600	37,950	38,200	37,800
2005	38,450	38,550	38,950	38,900	38,750
2006	38,950	39,100	39,300	39,350	39,150
2007	39,500	39,400	39,150	38,900	39,250
2008	39,250	38,600	37,300	36,000	37,800
2009	35,700	34,800	34,650	34,300	34,850
2010	34,200	34,200	34,500	34,900	34,500
2011	35,200	35,300	36,000	36,600	35,800
2012	37,200	37,500	37,900	38,000	37,700
2013 2/	38,100	38,500	38,800	39,000	38,600
2014 2/	39,300	39,300	39,200	39,100	39,200
2015 2/	39,200	39,000	39,100	39,400	39,200
2016	39,700	39,800	40,600	Year-to-Date	40,000
Percentage Change from the Same Period in Previous Year					
1991	6.3	1.5	6.7	4.3	4.6
1992	3.2	4.3	-1.2	-3.1	1.0
1993	-7.0	-7.7	-7.8	-7.0	-7.6
1994	-2.3	-1.0	1.1	2.1	0.0
1995	0.5	-1.1	-1.3	-1.8	-0.8
1996	0.5	1.3	2.4	3.2	1.9
1997	2.1	0.0	-1.6	-1.8	-0.5
1998	-1.8	0.0	-1.1	-1.8	-1.0
1999	-2.1	-1.1	-1.6	1.6	-0.8
2000	1.1	2.7	4.3	2.1	2.4
2001	2.5	0.4	0.4	-7.2	-1.0
2002	-7.7	-6.5	-5.2	0.8	-4.6
2003	2.8	1.0	0.7	2.2	1.7
2004	1.6	3.3	3.1	3.2	2.9
2005	2.9	2.5	2.6	1.8	2.5
2006	1.3	1.4	0.9	1.2	1.0
2007	1.4	0.8	-0.4	-1.1	0.3
2008	-0.6	-2.0	-4.7	-7.5	-3.7
2009	-9.0	-9.8	-7.1	-4.7	-7.8
2010	-4.2	-1.7	-0.4	1.7	-1.0
2011	2.9	3.2	4.3	4.9	3.8
2012	5.7	6.2	5.3	3.8	5.3
2013 2/	2.4	2.7	2.4	2.6	2.4
2014 2/	3.1	2.1	1.0	0.3	1.6
2015 2/	-0.3	-0.8	-0.3	0.8	0.0
2016	1.3	2.1	3.8	Year-to-Date	2.3

1/ Data rounded to nearest 100 for 1990-2000 and 2010-2016, and to 50 for 2001-2009.

2/ 2013-2015 data benchmarked by DLIR in March 2016.

Source: Hawaii Department of Labor & Industrial Relations monthly and annual data

<<https://www.hiwi.org/gsipub/index.asp?docid=421>>. Quarterly and Year-to-Date averages computed by the Hawaii State Department of Business, Economic Development & Tourism.

**Table A-19. FOOD SERVICES & DRINKING PLACES JOBS**

<i>Year</i>	<i>First Quarter</i>	<i>Second Quarter</i>	<i>Third Quarter</i>	<i>Fourth Quarter</i>	<i>Annual Average</i>
Not Seasonally Adjusted Data. Number of Jobs 1/					
1990	46,800	47,400	47,400	47,500	47,300
1991	47,100	47,200	47,900	46,800	47,200
1992	47,600	47,900	47,800	46,200	47,400
1993	46,100	46,200	46,300	45,900	46,100
1994	45,900	45,900	46,700	46,700	46,300
1995	47,000	46,800	47,500	47,000	47,100
1996	47,300	47,000	47,700	47,300	47,400
1997	47,100	47,100	47,400	47,200	47,200
1998	47,200	47,700	48,000	47,800	47,700
1999	47,700	48,500	49,100	49,000	48,600
2000	49,400	50,300	51,200	51,100	50,500
2001	50,500	50,800	50,800	48,600	50,200
2002	49,250	50,700	50,800	50,750	50,350
2003	50,950	51,450	52,450	52,600	51,850
2004	53,250	54,250	55,450	55,450	54,600
2005	55,150	56,300	56,700	56,150	56,050
2006	56,550	57,150	58,100	57,750	57,350
2007	58,200	59,350	59,150	58,050	58,700
2008	58,350	58,300	58,200	55,950	57,700
2009	55,100	55,650	55,700	54,950	55,350
2010	54,800	55,200	55,700	56,100	55,500
2011	56,600	56,900	57,000	56,600	56,800
2012	57,400	58,400	59,200	59,100	58,500
2013 2/	59,700	60,600	61,100	61,500	60,700
2014 2/	61,400	62,000	62,400	62,400	62,000
2015 2/	62,500	63,000	63,900	64,100	63,400
2016	65,100	65,300	67,000	Year-to-Date	65,800
Percentage Change from the Same Period in Previous Year					
1991	0.6	-0.4	1.1	-1.5	-0.2
1992	1.1	1.5	-0.2	-1.3	0.4
1993	-3.2	-3.5	-3.1	-0.6	-2.7
1994	-0.4	-0.6	0.9	1.7	0.4
1995	2.4	2.0	1.7	0.6	1.7
1996	0.6	0.4	0.4	0.6	0.6
1997	-0.4	0.2	-0.6	-0.2	-0.4
1998	0.2	1.3	1.3	1.3	1.1
1999	1.1	1.7	2.3	2.5	1.9
2000	3.6	3.7	4.3	4.3	3.9
2001	2.2	1.0	-0.8	-4.9	-0.6
2002	-2.5	-0.2	0.0	4.4	0.3
2003	3.5	1.5	3.2	3.6	3.0
2004	4.5	5.4	5.7	5.4	5.3
2005	3.6	3.8	2.3	1.3	2.7
2006	2.5	1.5	2.5	2.8	2.3
2007	2.9	3.8	1.8	0.5	2.4
2008	0.3	-1.8	-1.6	-3.6	-1.7
2009	-5.6	-4.5	-4.3	-1.8	-4.1
2010	-0.5	-0.8	0.0	2.1	0.3
2011	3.3	3.1	2.3	0.9	2.3
2012	1.4	2.6	3.9	4.4	3.0
2013 2/	4.0	3.8	3.2	4.1	3.8
2014 2/	2.8	2.3	2.1	1.5	2.1
2015 2/	1.8	1.6	2.4	2.7	2.3
2016	4.2	3.7	4.9	Year-to-Date	4.3

1/ Data rounded to nearest 100 for 1990-2000 and 2010-2016, and to 50 for 2001-2009.

2/ 2013-2015 data benchmarked by DLIR in March 2016.

Source: Hawaii Department of Labor & Industrial Relations monthly and annual data

<<https://www.hiwi.org/gsipub/index.asp?docid=421>>. Quarterly and Year-to-Date averages computed by the Hawaii State Department of Business, Economic Development & Tourism.

**Table A-20. OTHER SERVICES JOBS**

<i>Year</i>	<i>First Quarter</i>	<i>Second Quarter</i>	<i>Third Quarter</i>	<i>Fourth Quarter</i>	<i>Annual Average</i>
Not Seasonally Adjusted Data. Number of Jobs 1/					
1990	19,400	19,800	19,900	20,000	19,800
1991	20,100	20,200	20,900	20,900	20,500
1992	21,000	21,300	21,700	21,400	21,400
1993	21,300	21,800	22,000	21,800	21,700
1994	21,600	21,900	21,900	21,800	21,800
1995	21,700	21,800	21,800	21,600	21,700
1996	21,700	21,800	22,000	21,800	21,800
1997	21,600	21,900	21,700	21,700	21,700
1998	21,400	21,900	21,800	21,800	21,700
1999	21,400	21,900	21,800	22,200	21,800
2000	22,300	22,800	23,000	23,500	22,900
2001	23,450	23,750	23,750	23,350	23,550
2002	23,350	23,700	23,800	23,900	23,700
2003	23,800	24,300	24,300	24,400	24,200
2004	24,100	24,500	24,500	24,750	24,450
2005	24,600	25,300	25,350	25,550	25,200
2006	25,650	26,050	26,200	26,450	26,100
2007	26,150	26,450	26,700	27,050	26,600
2008	27,200	27,500	27,100	27,000	27,200
2009	26,200	25,900	25,950	25,950	26,000
2010	25,500	26,000	25,900	25,900	25,900
2011	25,700	25,900	26,000	26,100	25,900
2012	25,800	26,300	26,400	26,500	26,300
2013 2/	26,400	26,500	26,700	26,800	26,600
2014 2/	26,500	26,500	26,600	26,800	26,600
2015 2/	26,600	26,700	26,700	27,000	26,700
2016	26,900	27,000	27,000	Year-to-Date	27,000
Percentage Change from the Same Period in Previous Year					
1991	3.6	2.0	5.0	4.5	3.5
1992	4.5	5.4	3.8	2.4	4.4
1993	1.4	2.3	1.4	1.9	1.4
1994	1.4	0.5	-0.5	0.0	0.5
1995	0.5	-0.5	-0.5	-0.9	-0.5
1996	0.0	0.0	0.9	0.9	0.5
1997	-0.5	0.5	-1.4	-0.5	-0.5
1998	-0.9	0.0	0.5	0.5	0.0
1999	0.0	0.0	0.0	1.8	0.5
2000	4.2	4.1	5.5	5.9	5.0
2001	5.2	4.2	3.3	-0.6	2.8
2002	-0.4	-0.2	0.2	2.4	0.6
2003	1.9	2.5	2.1	2.1	2.1
2004	1.3	0.8	0.8	1.4	1.0
2005	2.1	3.3	3.5	3.2	3.1
2006	4.3	3.0	3.4	3.5	3.6
2007	1.9	1.5	1.9	2.3	1.9
2008	4.0	4.0	1.5	-0.2	2.3
2009	-3.7	-5.8	-4.2	-3.9	-4.4
2010	-2.7	0.4	-0.2	-0.2	-0.4
2011	0.8	-0.4	0.4	0.8	0.0
2012	0.4	1.5	1.5	1.5	1.5
2013 2/	2.3	0.8	1.1	1.1	1.1
2014 2/	0.4	0.0	-0.4	0.0	0.0
2015 2/	0.4	0.8	0.4	0.7	0.4
2016	1.1	1.1	1.1	Year-to-Date	1.1

1/ Data rounded to nearest 100 for 1990-2000 and 2010-2016, and to 50 for 2001-2009.

2/ 2013-2015 data benchmarked by DLIR in March 2016.

Source: Hawaii Department of Labor & Industrial Relations monthly and annual data

<<https://www.hiwi.org/gsipub/index.asp?docid=421>>. Quarterly and Year-to-Date averages computed by the Hawaii State Department of Business, Economic Development & Tourism.

**Table A-21. GOVERNMENT JOBS**

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	Annual Average
Not Seasonally Adjusted Data. Number of Jobs 1/					
1990	104,700	109,000	100,600	108,200	105,600
1991	109,600	110,800	103,400	111,800	108,900
1992	112,700	114,000	104,800	113,000	111,100
1993	113,000	115,300	104,600	113,200	111,500
1994	113,200	115,100	105,600	113,600	111,900
1995	114,800	116,100	104,000	110,800	111,400
1996	111,800	114,000	104,900	111,600	110,600
1997	112,800	114,600	106,500	112,900	111,700
1998	113,200	114,700	107,700	113,100	112,200
1999	112,800	114,400	109,000	114,800	112,800
2000	114,400	118,100	109,700	116,300	114,600
2001	113,700	115,750	110,200	118,200	114,450
2002	118,150	120,000	112,900	120,750	117,950
2003	121,000	120,750	113,800	121,050	119,150
2004	120,550	121,950	115,150	122,600	120,050
2005	119,800	121,850	115,400	121,550	119,650
2006	120,150	122,750	116,850	125,250	121,250
2007	123,000	122,900	117,200	125,200	122,100
2008	124,500	125,250	120,650	129,650	125,000
2009	127,100	129,050	120,450	126,150	125,700
2010	125,100	127,800	119,900	127,900	125,200
2011	124,900	126,900	119,200	127,100	124,600
2012	123,600	127,800	121,600	129,100	125,500
2013 2/	124,000	126,500	119,500	127,900	124,500
2014 2/	127,200	127,900	121,600	128,300	126,300
2015 2/	127,300	128,200	121,700	129,100	126,600
2016 2/	126,800	127,500	121,600	Year-to-Date	125,300
Percentage Change from the Same Period in Previous Year					
1991	4.7	1.7	2.8	3.3	3.1
1992	2.8	2.9	1.4	1.1	2.0
1993	0.3	1.1	-0.2	0.2	0.4
1994	0.2	-0.2	1.0	0.4	0.4
1995	1.4	0.9	-1.5	-2.5	-0.4
1996	-2.6	-1.8	0.9	0.7	-0.7
1997	0.9	0.5	1.5	1.2	1.0
1998	0.4	0.1	1.1	0.2	0.4
1999	-0.4	-0.3	1.2	1.5	0.5
2000	1.4	3.2	0.6	1.3	1.6
2001	-0.6	-2.0	0.5	1.6	-0.1
2002	3.9	3.7	2.5	2.2	3.1
2003	2.4	0.6	0.8	0.2	1.0
2004	-0.4	1.0	1.2	1.3	0.8
2005	-0.6	-0.1	0.2	-0.9	-0.3
2006	0.3	0.7	1.3	3.0	1.3
2007	2.4	0.1	0.3	0.0	0.7
2008	1.2	1.9	2.9	3.6	2.4
2009	2.1	3.0	-0.2	-2.7	0.6
2010	-1.6	-1.0	-0.5	1.4	-0.4
2011	-0.2	-0.7	-0.6	-0.6	-0.5
2012	-1.0	0.7	2.0	1.6	0.7
2013 2/	0.3	-1.0	-1.7	-0.9	-0.8
2014 2/	2.6	1.1	1.8	0.3	1.4
2015 2/	0.1	0.2	0.1	0.6	0.2
2016 2/	-0.4	-0.5	-0.1	Year-to-Date	-0.3

1/ Data rounded to nearest 100 for 1990-2000 and 2010-2016, and to 50 for 2001-2009.

2/ 2013-2015 data benchmarked by DLIR in March 2016.

3/ Q2 revised from previous QSER.

Source: Hawaii Department of Labor & Industrial Relations monthly and annual data

<<https://www.hiwi.org/gsipub/index.asp?docid=421>>. Quarterly and Year-to-Date averages computed by the Hawaii State Department of Business, Economic Development & Tourism.

**Table A-22. FEDERAL GOVERNMENT JOBS**

<i>Year</i>	<i>First Quarter</i>	<i>Second Quarter</i>	<i>Third Quarter</i>	<i>Fourth Quarter</i>	<i>Annual Average</i>
Not Seasonally Adjusted Data. Number of Jobs 1/					
1990	33,900	35,000	34,100	33,700	34,200
1991	33,400	33,500	34,400	34,100	33,900
1992	33,600	33,500	33,100	32,900	33,300
1993	31,800	32,000	31,900	31,700	31,800
1994	31,300	31,600	31,200	31,000	31,300
1995	31,000	31,200	31,200	30,900	31,100
1996	31,300	30,800	31,600	30,900	31,100
1997	30,600	30,800	30,800	30,700	30,700
1998	30,300	30,400	30,400	30,400	30,400
1999	30,100	30,100	30,500	30,500	30,300
2000	30,500	31,900	30,900	30,500	31,000
2001	29,900	30,100	30,350	30,000	30,100
2002	30,050	30,200	30,750	31,650	30,650
2003	31,600	31,400	31,800	31,750	31,650
2004	31,400	31,400	31,600	31,450	31,450
2005	31,100	31,150	31,250	31,600	31,300
2006	31,450	31,850	31,800	32,200	31,850
2007	32,000	31,650	31,450	31,900	31,750
2008	31,700	31,950	32,450	32,700	32,200
2009	32,650	33,200	33,300	34,000	33,300
2010	34,100	35,500	34,800	34,900	34,800
2011	34,800	34,800	34,900	35,100	34,900
2012	34,800	34,800	34,900	35,100	34,900
2013 2/	34,100	34,000	33,700	33,700	33,900
2014 2/	33,200	33,200	33,100	33,100	33,200
2015 2/	33,000	33,000	33,000	33,700	33,200
2016 3/	33,100	33,200	33,600	Year-to-Date	33,300
Percentage Change from the Same Period in Previous Year					
1991	-1.5	-4.3	0.9	1.2	-0.9
1992	0.6	0.0	-3.8	-3.5	-1.8
1993	-5.4	-4.5	-3.6	-3.6	-4.5
1994	-1.6	-1.3	-2.2	-2.2	-1.6
1995	-1.0	-1.3	0.0	-0.3	-0.6
1996	1.0	-1.3	1.3	0.0	0.0
1997	-2.2	0.0	-2.5	-0.6	-1.3
1998	-1.0	-1.3	-1.3	-1.0	-1.0
1999	-0.7	-1.0	0.3	0.3	-0.3
2000	1.3	6.0	1.3	0.0	2.3
2001	-2.0	-5.6	-1.8	-1.6	-2.9
2002	0.5	0.3	1.3	5.5	1.8
2003	5.2	4.0	3.4	0.3	3.3
2004	-0.6	0.0	-0.6	-0.9	-0.6
2005	-1.0	-0.8	-1.1	0.5	-0.5
2006	1.1	2.2	1.8	1.9	1.8
2007	1.7	-0.6	-1.1	-0.9	-0.3
2008	-0.9	0.9	3.2	2.5	1.4
2009	3.0	3.9	2.6	4.0	3.4
2010	4.4	6.9	4.5	2.6	4.5
2011	2.1	-2.0	0.3	0.6	0.3
2012	0.0	0.0	0.0	0.0	0.0
2013 2/	-2.0	-2.3	-3.4	-4.0	-2.9
2014 2/	-2.6	-2.4	-1.8	-1.8	-2.1
2015 2/	-0.6	-0.6	-0.3	1.8	0.0
2016 3/	0.3	0.6	1.8	Year-to-Date	0.9

1/ Data rounded to nearest 100 for 1990-2000 and 2010-2016, and to 50 for 2001-2009.

2/ 2013-2015 data benchmarked by DLIR in March 2016.

3/ Q2 revised from previous QSER.

Source: Hawaii Department of Labor & Industrial Relations monthly and annual data

<<https://www.hiwi.org/gsipub/index.asp?docid=421>>. Quarterly and Year-to-Date averages computed by the Hawaii State Department of Business, Economic Development & Tourism.

**Table A-23. STATE GOVERNMENT JOBS**

<i>Year</i>	<i>First Quarter</i>	<i>Second Quarter</i>	<i>Third Quarter</i>	<i>Fourth Quarter</i>	<i>Annual Average</i>
Not Seasonally Adjusted Data. Number of Jobs 1/					
1990	56,900	59,900	51,300	60,200	57,100
1991	61,800	62,800	53,400	63,000	60,300
1992	64,400	65,600	55,500	64,800	62,600
1993	66,100	68,000	56,800	66,100	64,200
1994	66,500	68,100	58,100	67,300	65,000
1995	67,500	68,700	55,800	63,700	63,900
1996	64,300	66,900	55,900	64,300	62,800
1997	65,900	67,300	58,000	65,800	64,300
1998	66,500	67,800	59,400	66,200	64,900
1999	66,300	67,900	61,100	67,900	65,800
2000	67,500	69,800	61,300	69,200	66,900
2001	67,100	68,800	62,150	71,100	67,300
2002	71,050	72,750	64,600	72,200	70,150
2003	72,500	72,500	64,950	72,350	70,550
2004	72,300	73,600	65,900	74,150	71,500
2005	71,800	73,550	66,550	72,700	71,150
2006	71,500	73,550	67,200	75,550	71,950
2007	73,300	73,500	67,450	75,350	72,400
2008	74,750	74,850	69,200	78,400	74,300
2009	75,900	77,200	68,150	73,650	73,700
2010	72,600	73,700	66,000	74,500	71,700
2011	71,700	73,600	65,500	73,700	71,100
2012	70,500	74,500	67,800	75,700	72,100
2013 2/	71,500	73,800	66,800	75,500	71,900
2014 2/	75,400	75,900	69,300	76,400	74,200
2015 2/	75,600	76,200	69,400	76,600	74,500
2016	74,900	75,300	68,700	Year-to-Date	73,000
Percentage Change from the Same Period in Previous Year					
1991	8.6	4.8	4.1	4.7	5.6
1992	4.2	4.5	3.9	2.9	3.8
1993	2.6	3.7	2.3	2.0	2.6
1994	0.6	0.1	2.3	1.8	1.2
1995	1.5	0.9	-4.0	-5.3	-1.7
1996	-4.7	-2.6	0.2	0.9	-1.7
1997	2.5	0.6	3.8	2.3	2.4
1998	0.9	0.7	2.4	0.6	0.9
1999	-0.3	0.1	2.9	2.6	1.4
2000	1.8	2.8	0.3	1.9	1.7
2001	-0.6	-1.4	1.4	2.7	0.6
2002	5.9	5.7	3.9	1.5	4.2
2003	2.0	-0.3	0.5	0.2	0.6
2004	-0.3	1.5	1.5	2.5	1.3
2005	-0.7	-0.1	1.0	-2.0	-0.5
2006	-0.4	0.0	1.0	3.9	1.1
2007	2.5	-0.1	0.4	-0.3	0.6
2008	2.0	1.8	2.6	4.0	2.6
2009	1.5	3.1	-1.5	-6.1	-0.8
2010	-4.3	-4.5	-3.2	1.2	-2.7
2011	-1.2	-0.1	-0.8	-1.1	-0.8
2012	-1.7	1.2	3.5	2.7	1.4
2013 2/	1.4	-0.9	-1.5	-0.3	-0.3
2014 2/	5.5	2.8	3.7	1.2	3.2
2015 2/	0.3	0.4	0.1	0.3	0.4
2016	-0.9	-1.2	-1.0	Year-to-Date	-1.1

1/ Data rounded to nearest 100 for 1990-2000 and 2010-2016, and to 50 for 2001-2009.

2/ 2013-2015 data benchmarked by DLIR in March 2016.

Source: Hawaii Department of Labor & Industrial Relations monthly and annual data

<<https://www.hiwi.org/gsipub/index.asp?docid=421>>. Quarterly and Year-to-Date averages computed by the Hawaii State Department of Business, Economic Development & Tourism.

**Table A-24. LOCAL GOVERNMENT JOBS**

<i>Year</i>	<i>First Quarter</i>	<i>Second Quarter</i>	<i>Third Quarter</i>	<i>Fourth Quarter</i>	<i>Annual Average</i>
Not Seasonally Adjusted Data. Number of Jobs 1/					
1990	13,900	14,100	15,200	14,300	14,400
1991	14,400	14,500	15,600	14,700	14,800
1992	14,700	14,900	16,200	15,300	15,300
1993	15,200	15,300	15,900	15,400	15,500
1994	15,400	15,400	16,300	15,400	15,600
1995	16,200	16,200	17,100	16,200	16,400
1996	16,300	16,300	17,400	16,500	16,600
1997	16,400	16,500	17,700	16,500	16,800
1998	16,400	16,600	17,900	16,500	16,900
1999	16,400	16,400	17,500	16,400	16,700
2000	16,300	16,500	17,400	16,600	16,700
2001	16,750	16,850	17,750	17,050	17,100
2002	17,050	17,050	17,550	16,900	17,150
2003	16,850	16,900	17,050	16,950	16,950
2004	16,900	16,950	17,600	17,000	17,100
2005	16,900	17,150	17,600	17,200	17,200
2006	17,200	17,350	17,850	17,500	17,450
2007	17,650	17,800	18,300	18,000	17,950
2008	18,100	18,450	19,000	18,550	18,550
2009	18,550	18,650	19,050	18,500	18,650
2010	18,400	18,600	19,100	18,500	18,700
2011	18,400	18,600	18,800	18,300	18,500
2012	18,300	18,500	18,900	18,400	18,500
2013 2/	18,400	18,700	19,000	18,700	18,700
2014 2/	18,600	18,800	19,200	18,800	18,800
2015 2/	18,700	18,900	19,200	18,800	18,900
2016	18,800	19,000	19,300	Year-to-Date	19,000
Percentage Change from the Same Period in Previous Year					
1991	3.6	2.8	2.6	2.8	2.8
1992	2.1	2.8	3.8	4.1	3.4
1993	3.4	2.7	-1.9	0.7	1.3
1994	1.3	0.7	2.5	0.0	0.6
1995	5.2	5.2	4.9	5.2	5.1
1996	0.6	0.6	1.8	1.9	1.2
1997	0.6	1.2	1.7	0.0	1.2
1998	0.0	0.6	1.1	0.0	0.6
1999	0.0	-1.2	-2.2	-0.6	-1.2
2000	-0.6	0.6	-0.6	1.2	0.0
2001	2.8	2.1	2.0	2.7	2.4
2002	1.8	1.2	-1.1	-0.9	0.3
2003	-1.2	-0.9	-2.8	0.3	-1.2
2004	0.3	0.3	3.2	0.3	0.9
2005	0.0	1.2	0.0	1.2	0.6
2006	1.8	1.2	1.4	1.7	1.5
2007	2.6	2.6	2.5	2.9	2.9
2008	2.5	3.7	3.8	3.1	3.3
2009	2.5	1.1	0.3	-0.3	0.5
2010	-0.8	-0.3	0.3	0.0	0.3
2011	0.0	0.0	-1.6	-1.1	-1.1
2012	-0.5	-0.5	0.5	0.5	0.0
2013 2/	0.5	1.1	0.5	1.6	1.1
2014 2/	1.1	0.5	1.1	0.5	0.5
2015 2/	0.5	0.5	0.0	0.0	0.5
2016	0.5	0.5	0.5	Year-to-Date	0.0

1/ Data rounded to nearest 100 for 1990-2000 and 2010-2016, and to 50 for 2001-2009.

2/ 2013-2015 data benchmarked by DLIR in March 2016.

Source: Hawaii Department of Labor & Industrial Relations monthly and annual data

<<https://www.hiwi.org/gsipub/index.asp?docid=421>>. Quarterly and Year-to-Date averages computed by the Hawaii State Department of Business, Economic Development & Tourism.

**Table A-25. AGRICULTURE WAGE AND SALARY JOBS**

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	Annual Average
Not Seasonally Adjusted Data. Number of Jobs					
1990	8,850	9,350	10,400	9,550	9,550
1991	8,800	9,350	10,150	9,900	9,550
1992	9,200	9,350	9,650	9,000	9,300
1993	8,750	8,350	8,800	8,350	8,550
1994	8,000	8,000	8,450	7,550	8,000
1995	7,100	6,950	7,350	7,750	7,300
1996	7,200	7,200	7,550	7,600	7,400
1997	6,800	6,800	7,500	7,650	7,200
1998	7,200	7,400	7,950	7,700	7,550
1999	7,050	7,250	8,150	8,350	7,700
2000	7,950	7,700	8,150	7,700	7,900
2001	7,300	7,150	7,400	7,800	7,400
2002	7,400	7,050	7,150	7,250	7,200
2003	7,100	7,100	7,200	7,050	7,100
2004	7,100	7,200	7,400	7,550	7,300
2005	7,100	6,700	6,850	6,900	6,900
2006	6,950	6,900	7,000	6,950	6,950
2007	6,750	6,550	6,350	6,400	6,500
2008	6,400	6,250	6,100	5,850	6,150
2009	6,050	6,100	6,200	6,350	6,150
2010	6,200	6,200	6,250	6,500	6,300
2011 1/2/	7,000	7,000	7,000	7,000	7,000
2012 2/	6,000	6,000	7,000	7,000	6,500
2013 2/	6,000	6,000	7,000	7,000	6,500
2014 2/	7,000	7,000	7,000	7,000	7,000
2015 2/	6,000	6,000	7,000	7,000	6,500
2016 2/	6,000	6,000	(NA)	Year-to-Date	6,000
Percentage Change from the Same Period in Previous Year					
1991	-0.6	0.0	-2.4	3.7	0.0
1992	4.5	0.0	-4.9	-9.1	-2.6
1993	-4.9	-10.7	-8.8	-7.2	-8.1
1994	-8.6	-4.2	-4.0	-9.6	-6.4
1995	-11.3	-13.1	-13.0	2.6	-8.8
1996	1.4	3.6	2.7	-1.9	1.4
1997	-5.6	-5.6	-0.7	0.7	-2.7
1998	5.9	8.8	6.0	0.7	4.9
1999	-2.1	-2.0	2.5	8.4	2.0
2000	12.8	6.2	0.0	-7.8	2.6
2001	-8.2	-7.1	-9.2	1.3	-6.3
2002	1.4	-1.4	-3.4	-7.1	-2.7
2003	-4.1	0.7	0.7	-2.8	-1.4
2004	0.0	1.4	2.8	7.1	2.8
2005	0.0	-6.9	-7.4	-8.6	-5.5
2006	-2.1	3.0	2.2	0.7	0.7
2007	-2.9	-5.1	-9.3	-7.9	-6.5
2008	-5.2	-4.6	-3.9	-8.6	-5.4
2009	-5.5	-2.4	1.6	8.5	0.0
2010	2.5	1.6	0.8	2.4	2.4
2011 1/2/	12.9	12.9	12.0	7.7	11.1
2012 2/	-14.3	-14.3	0.0	0.0	-7.1
2013 2/	0.0	0.0	0.0	0.0	0.0
2014 2/	16.7	16.7	0.0	0.0	7.7
2015 2/	-14.3	-14.3	0.0	0.0	-7.1
2016 2/	0.0	0.0	(NA)	Year-to-Date	0.0

NA Not available.

1/ Jobs data for 2011 had been benchmarked by DLIR in March 2013 for Non-Agricultural Wage and Salary Jobs (A-6) and Agriculture jobs (A-25). The estimates for 2011 Agriculture jobs were withdrawn by DLIR as of the March 2014 benchmark.

2/ Non-agricultural jobs for 2011 to 2013 were benchmarked by DLIR in March 2014 and beginning with 2011 Q1, Agriculture jobs estimates are U.S. Department of Agriculture National Agricultural Statistics Service (NASS) quarterly survey data. No survey was conducted in April, 2011, 2011Q2 is estimated.

Source: Hawaii Department of Labor & Industrial Relations monthly and annual data <<http://www.hiwi.org/gsipub/index.asp?docid=421>> and U.S. Department of Agriculture, National Agricultural Statistics Service <<http://quickstats.nass.usda.gov/>>.



**Table A-26. INITIAL AGENT CLAIMS FOR UNEMPLOYMENT**

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	Annual Total
Number of Claims					
1982	1,176	1,027	1,366	1,324	4,893
1983	1,413	1,136	1,058	1,094	4,701
1984	1,046	933	1,097	1,178	4,254
1985	1,018	857	1,050	1,115	4,040
1986	1,031	914	1,061	977	3,983
1987	897	700	933	817	3,347
1988	924	645	852	740	3,161
1989	692	659	718	814	2,883
1990	819	670	756	847	3,092
1991	839	723	1,047	994	3,603
1992	1,195	1,104	1,305	1,304	4,908
1993	1,205	1,135	1,199	1,225	4,764
1994	1,105	998	1,253	1,137	4,493
1995	1,054	1,013	1,082	1,095	4,244
1996	1,057	837	957	654	3,505
1997	589	524	587	475	2,175
1998	419	400	436	330	1,585
1999	328	272	304	243	1,147
2000	232	248	253	218	951
2001	211	173	170	158	712
2002	164	151	176	168	659
2003	162	141	154	136	593
2004	142	92	99	109	442
2005	80	71	88	82	321
2006	56	32	33	40	161
2007	18	33	16	22	89
2008	26	25	23	33	107
2009	27	51	36	48	162
2010	25	41	31	21	118
2011	29	18	26	17	90
2012	14	8	6	10	38
2013	17	7	4	3	31
2014	2	0	0	0	2
2015	0	0	0	0	0
2016	0	0	0	Year-to-Date	0
Percentage Change from the Same Period in Previous Year					
1983	20.2	10.6	-22.5	-17.4	-3.9
1984	-26.0	-17.9	3.7	7.7	-9.5
1985	-2.7	-8.1	-4.3	-5.3	-5.0
1986	1.3	6.7	1.0	-12.4	-1.4
1987	-13.0	-23.4	-12.1	-16.4	-16.0
1988	3.0	-7.9	-8.7	-9.4	-5.6
1989	-25.1	2.2	-15.7	10.0	-8.8
1990	18.4	1.7	5.3	4.1	7.2
1991	2.4	7.9	38.5	17.4	16.5
1992	42.4	52.7	24.6	31.2	36.2
1993	0.8	2.8	-8.1	-6.1	-2.9
1994	-8.3	-12.1	4.5	-7.2	-5.7
1995	-4.6	1.5	-13.6	-3.7	-5.5
1996	0.3	-17.4	-11.6	-40.3	-17.4
1997	-44.3	-37.4	-38.7	-27.4	-37.9
1998	-28.9	-23.7	-25.7	-30.5	-27.1
1999	-21.7	-32.0	-30.3	-26.4	-27.6
2000	-29.3	-8.8	-16.8	-10.3	-17.1
2001	-9.1	-30.2	-32.8	-27.5	-25.1
2002	-22.3	-12.7	3.5	6.3	-7.4
2003	-1.2	-6.6	-12.5	-19.0	-10.0
2004	-12.3	-34.8	-35.7	-19.9	-25.5
2005	-43.7	-22.8	-11.1	-24.8	-27.4
2006	-30.0	-54.9	-62.5	-51.2	-49.8
2007	-67.9	3.1	-51.5	-45.0	-44.7
2008	44.4	-24.2	43.8	50.0	20.2
2009	3.8	104.0	56.5	45.5	51.4
2010	-7.4	-19.6	-13.9	-56.3	-27.2
2011	16.0	-56.1	-16.1	-19.0	-23.7
2012	-51.7	-55.6	-76.9	-41.2	-57.8
2013	21.4	-12.5	-33.3	-70.0	-18.4
2014	-88.2	(1/)	(1/)	(1/)	-93.5
2015	(1/)	(1/)	(1/)	(1/)	(1/)
2016	(1/)	(1/)	(1/)	Year-to-Date	(1/)

1/ Calculations involving zero not meaningful.

Source: Hawaii State Department of Labor and Industrial Relations, Unemployment Insurance Research Section.

**Table A-27. INITIAL LIABLE CLAIMS FOR UNEMPLOYMENT**

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	Annual Average
<b>Number of Claims</b>					
1982	1,375	1,258	1,657	1,504	5,794
1983	1,235	1,095	1,396	1,120	4,846
1984	1,111	1,003	1,338	1,122	4,574
1985	1,182	1,045	1,350	968	4,545
1986	863	1,046	1,271	1,027	4,207
1987	1,022	1,011	1,230	1,075	4,338
1988	1,177	1,083	1,249	1,057	4,566
1989	1,046	1,011	1,233	1,193	4,483
1990	1,324	1,298	1,677	1,590	5,889
1991	1,680	1,731	2,248	2,229	7,888
1992	2,447	2,518	3,113	2,812	10,890
1993	2,673	2,595	3,054	2,728	11,050
1994	2,748	2,492	3,378	3,039	11,657
1995	2,977	2,824	3,288	2,760	11,849
1996	2,454	2,486	2,787	2,335	10,062
1997	2,178	2,157	2,423	1,321	8,079
1998	1,200	1,063	1,470	1,085	4,818
1999	1,022	916	1,084	828	3,850
2000	770	767	910	741	3,188
2001	760	745	986	1,211	3,702
2002	829	949	944	754	3,476
2003	784	713	898	766	3,161
2004	661	640	685	606	2,592
2005	571	665	721	672	2,629
2006	624	685	801	839	2,949
2007	784	736	849	826	3,195
2008	884	1,089	1,084	1,087	4,144
2009	1,086	1,010	1,199	926	4,221
2010	896	789	920	803	3,408
2011	774	783	897	800	3,254
2012	755	746	793	781	3,075
2013	716	832	901	835	3,284
2014	797	970	811	836	3,414
2015	811	753	798	738	3,100
2016	709	753	808	Year-to-Date	2,270
<b>Percentage Change from the Same Period in Previous Year</b>					
1983	-10.2	-13.0	-15.8	-25.5	-16.4
1984	-10.0	-8.4	-4.2	0.2	-5.6
1985	6.4	4.2	0.9	-13.7	-0.6
1986	-27.0	0.1	-5.9	6.1	-7.4
1987	18.4	-3.3	-3.2	4.7	3.1
1988	15.2	7.1	1.5	-1.7	5.3
1989	-11.1	-6.6	-1.3	12.9	-1.8
1990	26.6	28.4	36.0	33.3	31.4
1991	26.9	33.4	34.0	40.2	33.9
1992	45.7	45.5	38.5	26.2	38.1
1993	9.2	3.1	-1.9	-3.0	1.5
1994	2.8	-4.0	10.6	11.4	5.5
1995	8.3	13.3	-2.7	-9.2	1.6
1996	-17.6	-12.0	-15.2	-15.4	-15.1
1997	-11.2	-13.2	-13.1	-43.4	-19.7
1998	-44.9	-50.7	-39.3	-17.9	-40.4
1999	-14.8	-13.8	-26.3	-23.7	-20.1
2000	-24.7	-16.3	-16.1	-10.5	-17.2
2001	-1.3	-2.9	8.4	63.4	16.1
2002	9.1	27.4	-4.3	-37.7	-6.1
2003	-5.4	-24.9	-4.9	1.6	-9.1
2004	-15.7	-10.2	-23.7	-20.9	-18.0
2005	-13.6	3.9	5.3	10.9	1.4
2006	9.3	3.0	11.1	24.9	12.2
2007	25.6	7.4	6.0	-1.5	8.3
2008	12.8	48.0	27.7	31.6	29.7
2009	22.9	-7.3	10.6	-14.8	1.9
2010	-17.5	-21.9	-23.3	-13.3	-19.3
2011	-13.6	-0.8	-2.5	-0.4	-4.5
2012	-2.5	-4.7	-11.6	-2.4	-5.5
2013	-5.2	11.5	13.6	6.9	6.8
2014	11.3	16.6	-10.0	0.1	4.0
2015	1.8	-22.4	-1.6	-11.7	-9.2
2016	-12.6	0.0	1.3	Year-to-Date	-3.9

Source: Hawaii State Department of Labor and Industrial Relations, Unemployment Insurance Research Section.

## B. INCOME AND PRICES

The U.S. Bureau of Economic Analysis (BEA) estimates of quarterly GDP, introduced in the 2016Q1 QSER, (Table B-1 to B-3) show in the first quarter of 2016, total annualized nominal GDP increased \$2,889.0 million or 3.7 percent from the first quarter of 2015. In 2015, total annualized nominal GDP increased \$3,320.0 million or 4.3 percent from the previous year. In the first quarter of 2016, total annualized real GDP (in chained 2009 dollar) increased \$1,014.0 million or 1.4 percent from the first quarter of 2015. In 2015, total annualized real GDP increased \$1,183.0 million or 1.7 percent from the previous year.

Hawaii's total personal income increased during the second quarter of 2016 over the same quarter of 2015; all major components of personal income increased in the quarter. In dollar terms, the largest increases occurred in wages and salaries, followed by personal current transfer receipts, supplements to wages and salaries, dividends, interest, and rent, and proprietors' income (Table B-4).

In the second quarter of 2016, total nominal annualized personal income (i.e. not adjusted for inflation) increased \$2,895.0 million or 4.2 percent over that of 2015 (Table B-5). In the first half of 2016, total personal income was \$71,445.0 million, an increase of 4.5 percent from the same period of the previous year.

In the second quarter of 2016, wages and salaries increased \$1,556.6 million or 4.5 percent over that of 2015. This was the 24<sup>th</sup> consecutive quarterly year-over-year increase since the third quarter of 2010. In the first half of 2016, wages and salaries increased 5.0 percent from the same period last year (Table B-6).

Supplements to wages and salaries, consisting of employer payments to retirement plans, private group health insurance plans, private workers compensation plans, and other such benefits, increased \$492.2 million or 4.9 percent in the second quarter of 2016 from the same quarter of 2015 (Table B-7). In the first half of 2016, supplements to wages and salaries increased 5.0 percent from the same period last year.

Proprietors' income increased \$263.4 million or 5.4 percent in the second quarter of 2016 over that of 2015 (Table B-8). In the first half of 2016, proprietors' income was up 5.7 percent from the same period last year.

Dividends, interest, and rent increased \$287.5 million or 2.0 percent in the second quarter of 2016, from the same quarter of 2015. In the first half of 2016, income in this category was up 2.5 percent from the same period last year (Table B-9).

The annualized personal current transfer receipts grew by \$527.3 million or 4.9 percent in the second quarter of 2016 from the same quarter of 2015 (Table B-10). In the first half of 2016, personal current transfer receipts increased 4.7 percent from the same period last year.

Contributions to government social insurance, which is subtracted from total personal income, increased \$232.1 million or 4.1 percent in the second quarter of 2016, compared to the second quarter of 2015. In the first half of 2016, contributions to government social insurance increased 4.5 percent from the same period last year (Table B-11).

In the second quarter of 2016, total non-farm private sector annualized earnings increased \$2,313.1 million or 4.7 percent from the second quarter of 2015. In dollar terms, the largest increase occurred in construction, followed by transportation and warehousing, health care and social assistance, accommodation and food services, and real estate and rental and leasing. During the second quarter of 2016, total government earnings increased \$458.5 million or 3.0 percent from the same quarter of 2015. Earnings from the federal government increased \$140.5 million or 1.6 percent. Earnings from the state and local governments increased \$318.0 million or 4.7 percent in the quarter.

In the first half of 2016, Honolulu's Consumer Price Index for Urban Consumers (CPI-U) increased 2.4 percent from the same period in 2015. (Table B-12). This is in contrast to the 1.1 percent increase for the U.S. average CPI-U and is higher than the 2015 Honolulu CPI-U increase of 1.0 percent from the previous year. In the first half of 2016, the Honolulu CPI-U increased the most in Medical Care (9.4 percent), followed by Recreation (3.4 percent), Food and Beverages (3.3 percent), Education and Communication (2.5 percent), Housing (2.4 percent), Other Goods and Services (2.1 percent), and Apparel (0.8 percent). The price of Transportation decreased 3.0 percent compared to the first half of 2015.

**Table B-1. GROSS DOMESTIC PRODUCT**

[In millions of dollars at seasonally adjusted annual rates and percent. According to NAICS classification]

Series 1/	First Quarter 2015	Second Quarter 2015	Third Quarter 2015	Fourth Quarter 2015	First Quarter 2016	Ann Aver 2015	YTD 2015	YTD 2016	Percentage change			
									First Quarter 2016		Ann Aver	YTD 2016
									First Quarter 2015	Fourth Quarter 2015	2015 from 2014	YTD 2015
All industry total - current dollars	78,706	79,562	79,953	80,761	81,595	79,746	78,706	81,595	3.7	1.0	4.3	3.7
Private industries	61,551	62,421	62,695	63,411	64,215	62,520	61,551	64,215	4.3	1.3	4.9	4.3
Agriculture, forestry, fishing, & hunting	431	422	444	448	439	436	431	439	1.9	-2.0	-0.9	1.9
Mining	88	92	82	77	70	85	88	70	-20.5	-9.1	0.0	-20.5
Utilities	1,738	1,738	1,719	1,682	1,659	1,719	1,738	1,659	-4.5	-1.4	1.7	-4.5
Construction	4,588	4,703	4,841	5,082	5,321	4,804	4,588	5,321	16.0	4.7	13.4	16.0
Manufacturing	1,424	1,428	1,469	1,464	1,452	1,446	1,424	1,452	2.0	-0.8	2.5	2.0
Durable goods manufacturing	360	361	363	371	372	364	360	372	3.3	0.3	6.6	3.3
Nondurable goods manufacturing	1,064	1,067	1,106	1,092	1,080	1,082	1,064	1,080	1.5	-1.1	1.3	1.5
Wholesale trade	2,462	2,526	2,467	2,467	2,423	2,481	2,462	2,423	-1.6	-1.8	2.5	-1.6
Retail trade	5,250	5,240	5,349	5,360	5,334	5,300	5,250	5,334	1.6	-0.5	3.3	1.6
Transportation and warehousing	3,502	3,482	3,522	3,569	3,578	3,519	3,502	3,578	2.2	0.3	4.9	2.2
Information	1,766	1,878	1,819	1,878	1,944	1,835	1,766	1,944	10.1	3.5	2.2	10.1
Finance and insurance	2,627	2,767	2,713	2,679	2,724	2,697	2,627	2,724	3.7	1.7	5.5	3.7
Real estate and rental and leasing	15,722	15,753	15,541	15,653	15,858	15,667	15,722	15,858	0.9	1.3	4.5	0.9
Prof., scientific, and tech. services	3,103	3,171	3,226	3,250	3,277	3,188	3,103	3,277	5.6	0.8	2.3	5.6
Mgt of companies & enterprises	991	1,094	1,104	1,120	1,151	1,077	991	1,151	16.1	2.8	6.2	16.1
Admin. & waste mgt services	2,797	2,846	2,878	2,903	2,933	2,856	2,797	2,933	4.9	1.0	6.1	4.9
Educational services	780	784	788	795	808	787	780	808	3.6	1.6	0.7	3.6
Health care and social assistance	5,111	5,171	5,253	5,331	5,438	5,217	5,111	5,438	6.4	2.0	6.5	6.4
Arts, entertainment, and recreation	743	801	846	860	871	813	743	871	17.2	1.3	4.1	17.2
Accommodation and food services	6,629	6,695	6,813	6,917	7,044	6,764	6,629	7,044	6.3	1.8	5.1	6.3
Other services, except government	1,798	1,830	1,822	1,876	1,892	1,832	1,798	1,892	5.2	0.9	4.5	5.2
Government	17,154	17,141	17,259	17,350	17,379	17,226	17,154	17,379	1.3	0.2	2.2	1.3
All industry total - chained \$2009	70,434	70,936	70,863	71,147	71,448	70,845	70,434	71,448	1.4	0.4	1.7	1.4
Private industries	55,107	55,686	55,581	55,869	56,233	55,561	55,107	56,233	2.0	0.7	2.2	2.0
Agriculture, forestry, fishing, & hunting	344	338	358	385	401	356	344	401	16.6	4.2	18.2	16.6
Mining	88	78	73	74	78	78	88	78	-11.4	5.4	2.0	-11.4
Utilities	1,515	1,528	1,492	1,452	1,424	1,497	1,515	1,424	-6.0	-1.9	-6.1	-6.0
Construction	3,967	4,091	4,180	4,354	4,547	4,148	3,967	4,547	14.6	4.4	10.3	14.6
Manufacturing	1,178	1,178	1,218	1,240	1,257	1,204	1,178	1,257	6.7	1.4	5.7	6.7
Durable goods manufacturing	326	324	322	328	329	325	326	329	0.9	0.3	1.2	0.9
Nondurable goods manufacturing	850	853	892	909	924	876	850	924	8.7	1.7	7.2	8.7
Wholesale trade	2,229	2,294	2,229	2,227	2,187	2,245	2,229	2,187	-1.9	-1.8	2.0	-1.9
Retail trade	4,815	4,793	4,869	4,852	4,851	4,832	4,815	4,851	0.7	0.0	1.7	0.7
Transportation and warehousing	2,664	2,678	2,691	2,672	2,619	2,676	2,664	2,619	-1.7	-2.0	-4.0	-1.7
Information	1,791	1,906	1,835	1,900	1,971	1,858	1,791	1,971	10.1	3.7	3.5	10.1
Finance and insurance	2,228	2,316	2,259	2,226	2,251	2,257	2,228	2,251	1.0	1.1	3.1	1.0
Real estate and rental and leasing	14,460	14,363	14,069	14,051	14,144	14,236	14,460	14,144	-2.2	0.7	1.6	-2.2
Prof., scientific, and tech. services	2,838	2,900	2,936	2,947	2,957	2,905	2,838	2,957	4.2	0.3	0.8	4.2
Mgt of companies & enterprises	972	1,073	1,077	1,091	1,113	1,053	972	1,113	14.5	2.0	4.6	14.5
Admin. & waste mgt services	2,631	2,660	2,684	2,686	2,687	2,665	2,631	2,687	2.1	0.0	3.4	2.1
Educational services	661	657	656	654	658	657	661	658	-0.5	0.6	-3.2	-0.5
Health care and social assistance	4,718	4,742	4,789	4,825	4,887	4,769	4,718	4,887	3.6	1.3	4.7	3.6
Arts, entertainment, and recreation	688	731	770	782	780	743	688	780	13.4	-0.3	0.8	13.4
Accommodation and food services	5,831	5,869	5,909	5,935	5,928	5,886	5,831	5,928	1.7	-0.1	0.8	1.7
Other services, except government	1,548	1,562	1,540	1,573	1,572	1,556	1,548	1,572	1.6	-0.1	0.9	1.6
Government	15,332	15,255	15,287	15,283	15,220	15,289	15,332	15,220	-0.7	-0.4	0.0	-0.7

1/ 2008Q1 to 2015Q3 (current dollars), 2005Q1 to 2015Q3 (chained \$2009) revised from previous QSER; new 2015Q4 (June 14, 2016) & 2016Q1.

Source: U.S. Department of Commerce, Bureau of Economic Analysis, Gross Domestic Product, by State, July 27, 2016 <<http://www.bea.gov/iTable/iTable.cfm?reqid=70&step=1&isuri=1&acrdn=3>> accessed July 27, 2016.

**Table B-2. GROSS DOMESTIC PRODUCT**

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	Annual Average
In Millions of Dollars at Seasonally Adjusted Annual Rates					
1997	(NA)	(NA)	(NA)	(NA)	37,915
1998	(NA)	(NA)	(NA)	(NA)	37,627
1999	(NA)	(NA)	(NA)	(NA)	39,177
2000	(NA)	(NA)	(NA)	(NA)	41,247
2001	(NA)	(NA)	(NA)	(NA)	42,789
2002	(NA)	(NA)	(NA)	(NA)	45,185
2003	(NA)	(NA)	(NA)	(NA)	48,559
2004	(NA)	(NA)	(NA)	(NA)	53,306
2005	56,803	57,464	58,385	59,838	58,123
2006	60,579	61,401	62,225	62,531	61,684
2007	63,740	63,938	65,393	66,030	64,775
2008 1/	66,474	66,855	66,201	65,687	66,304
2009 1/	65,383	65,002	64,708	64,850	64,986
2010 1/	66,735	66,879	68,199	68,341	67,539
2011 1/	69,168	69,301	69,546	70,742	69,689
2012 1/	71,493	72,193	72,642	72,073	72,100
2013 1/	73,657	73,557	73,767	75,066	74,012
2014 1/	75,262	76,243	76,948	77,246	76,425
2015 1/	78,706	79,562	79,953	80,761	79,745
2016	81,595	(NA)	(NA)	Year-to-Date	81,595
Percentage Change from the Same Period in Previous Year					
1998	(NA)	(NA)	(NA)	(NA)	-0.8
1999	(NA)	(NA)	(NA)	(NA)	4.1
2000	(NA)	(NA)	(NA)	(NA)	5.3
2001	(NA)	(NA)	(NA)	(NA)	3.7
2002	(NA)	(NA)	(NA)	(NA)	5.6
2003	(NA)	(NA)	(NA)	(NA)	7.5
2004	(NA)	(NA)	(NA)	(NA)	9.8
2005	(NA)	(NA)	(NA)	(NA)	9.0
2006	6.6	6.9	6.6	4.5	6.1
2007	5.2	4.1	5.1	5.6	5.0
2008 1/	4.3	4.6	1.2	-0.5	2.4
2009 1/	-1.6	-2.8	-2.3	-1.3	-2.0
2010 1/	2.1	2.9	5.4	5.4	3.9
2011 1/	3.6	3.6	2.0	3.5	3.2
2012 1/	3.4	4.2	4.5	1.9	3.5
2013 1/	3.0	1.9	1.5	4.2	2.7
2014 1/	2.2	3.7	4.3	2.9	3.3
2015 1/	4.6	4.4	3.9	4.6	4.3
2016	3.7	(NA)	(NA)	Year-to-Date	3.7

NA Not available.

1/ 2008Q1 to 2015Q3 and annual 2008 to 2014 revised from previous *QSER*; new 2015Q4 (June 14, 2016) and 2016Q1.

Source: U.S. Department of Commerce, Bureau of Economic Analysis, Gross Domestic Product, by State, July 27, 2016 <<http://www.bea.gov/iTable/iTable.cfm?reqid=70&step=1&isuri=1&acrdn=3>> accessed July 27, 2016.

**Table B-3. GROSS DOMESTIC PRODUCT IN CHAINED \$2009**

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	Annual Average
In Millions of Dollars at Seasonally Adjusted Annual Rates					
1997 1/	(NA)	(NA)	(NA)	(NA)	53,507
1998 1/	(NA)	(NA)	(NA)	(NA)	51,823
1999 1/	(NA)	(NA)	(NA)	(NA)	52,515
2000 1/	(NA)	(NA)	(NA)	(NA)	53,476
2001 1/	(NA)	(NA)	(NA)	(NA)	53,371
2002 1/	(NA)	(NA)	(NA)	(NA)	54,945
2003 1/	(NA)	(NA)	(NA)	(NA)	57,461
2004 1/	(NA)	(NA)	(NA)	(NA)	61,128
2005 1/	63,683	63,888	64,411	65,481	64,365
2006 1/	65,616	66,015	66,226	65,964	65,956
2007 1/	66,456	66,333	67,366	67,893	67,012
2008 1/	68,163	68,319	67,242	65,730	67,364
2009 1/	65,180	65,041	64,860	64,861	64,986
2010 1/	66,468	66,142	67,227	67,142	66,745
2011 1/	67,751	67,499	67,292	68,204	67,686
2012 1/	68,508	68,694	68,888	68,095	68,546
2013 1/	69,324	68,881	68,739	69,414	69,089
2014 1/	69,299	69,691	69,937	69,720	69,662
2015 1/	70,434	70,936	70,863	71,147	70,845
2016	71,448	(NA)	(NA)	Year-to-Date	71,448
Percentage Change from the Same Period in Previous Year					
1998 1/	(NA)	(NA)	(NA)	(NA)	-3.1
1999 1/	(NA)	(NA)	(NA)	(NA)	1.3
2000 1/	(NA)	(NA)	(NA)	(NA)	1.8
2001 1/	(NA)	(NA)	(NA)	(NA)	-0.2
2002 1/	(NA)	(NA)	(NA)	(NA)	2.9
2003 1/	(NA)	(NA)	(NA)	(NA)	4.6
2004 1/	(NA)	(NA)	(NA)	(NA)	6.4
2005 1/	(NA)	(NA)	(NA)	(NA)	5.3
2006 1/	3.0	3.3	2.8	0.7	2.5
2007 1/	1.3	0.5	1.7	2.9	1.6
2008 1/	2.6	3.0	-0.2	-3.2	0.5
2009 1/	-4.4	-4.8	-3.5	-1.3	-3.5
2010 1/	2.0	1.7	3.6	3.5	2.7
2011 1/	1.9	2.1	0.1	1.6	1.4
2012 1/	1.1	1.8	2.4	-0.2	1.3
2013 1/	1.2	0.3	-0.2	1.9	0.8
2014 1/	0.0	1.2	1.7	0.4	0.8
2015 1/	1.6	1.8	1.3	2.0	1.7
2016	1.4	(NA)	(NA)	Year-to-Date	1.4

NA Not available.

1/ 2005Q1 to 2015Q3 and annual 2005 to 2014 revised from previous *QSER*; new 2015Q4 (June 14, 2016) and 2016Q1.

Source: U.S. Department of Commerce, Bureau of Economic Analysis, Gross Domestic Product, by State, July 27, 2016 <<http://www.bea.gov/iTable/iTable.cfm?reqid=70&step=1&isuri=1&acrdn=3>> accessed July 27, 2016.

**Table B-4. PERSONAL INCOME FOR HAWAII BY MAJOR SOURCES**

[In thousands of dollars at seasonally adjusted annual rates and percent. As of QSER September 2003, according to NAICS classification only]

Series 1/	First Quarter 2015	Second Quarter 2015	First Quarter 2016	Second Quarter 2016	AnnAver 2015	YTD 2015	YTD 2016	Percentage change			
								Second Quarter 2016 from		Ann Aver	YTD 2016
								Second Quarter 2015	First Quarter 2016	2015 from 2014	YTD 2015
PERSONAL INCOME	67,850,024	68,871,772	71,123,323	71,766,732	69,129,101	68,360,898	71,445,028	4.2	0.9	4.8	4.5
Earnings By Place of Work	48,599,844	49,337,420	51,227,756	51,649,620	49,621,545	48,968,632	51,438,688	4.7	0.8	5.1	5.0
Wages and salaries	33,809,280	34,397,228	35,646,323	35,953,826	34,578,403	34,103,254	35,800,075	4.5	0.9	5.3	5.0
Supplements to wages and salaries	9,949,108	10,029,828	10,451,206	10,521,984	10,083,554	9,989,468	10,486,595	4.9	0.7	3.6	5.0
Emp'ee contrib. for emp'ee pension & ins. funds	7,207,104	7,254,452	7,595,475	7,650,589	7,294,712	7,230,778	7,623,032	5.5	0.7	3.9	5.4
Employer contributions for gov't social ins.	2,742,004	2,775,376	2,855,731	2,871,395	2,788,842	2,758,690	2,863,563	3.5	0.5	2.9	3.8
Proprietors' income	4,841,456	4,910,364	5,130,227	5,173,810	4,959,588	4,875,910	5,152,019	5.4	0.8	6.7	5.7
Farm proprietors' income	-19,828	-12,640	-23,036	-19,936	-10,956	-16,234	-21,486	(2/)	(2/)	(2/)	(2/)
Nonfarm proprietors' income	4,861,284	4,923,004	5,153,263	5,193,746	4,970,544	4,892,144	5,173,505	5.5	0.8	6.7	5.8
Dividends, interest, and rent	14,032,628	14,308,324	14,453,375	14,595,872	14,284,393	14,170,476	14,524,624	2.0	1.0	4.4	2.5
plus: Personal current transfer receipts	10,766,720	10,850,332	11,266,022	11,377,626	10,871,717	10,808,526	11,321,824	4.9	1.0	3.4	4.7
Social Security benefits	3,741,940	3,779,268	3,858,544	3,895,393	3,790,203	3,760,604	3,876,969	3.1	1.0	4.9	3.1
Medicare benefits	2,150,872	2,176,792	2,270,764	2,302,330	2,191,778	2,163,832	2,286,547	5.8	1.4	5.0	5.7
Medicaid	2,042,416	2,056,692	2,201,779	2,240,118	2,068,994	2,049,554	2,220,949	8.9	1.7	2.7	8.4
State unempl. ins. comp.	157,148	140,640	109,521	116,493	136,466	148,894	113,007	-17.2	6.4	-21.9	-24.1
All other personal current transfer receipts	2,674,344	2,696,940	2,825,414	2,823,292	2,684,276	2,685,642	2,824,353	4.7	-0.1	2.3	5.2
Less: Contributions for gov't social insurance	5,549,168	5,624,304	5,823,830	5,856,386	5,648,554	5,586,736	5,840,108	4.1	0.6	4.0	4.5
Personal contributions for gov't social ins.	2,807,164	2,848,928	2,968,099	2,984,991	2,859,712	2,828,046	2,976,545	4.8	0.6	5.2	5.3
Employer contributions for gov't social ins.	2,742,004	2,775,376	2,855,731	2,871,395	2,788,842	2,758,690	2,863,563	3.5	0.5	2.9	3.8
Earnings By Industry	48,599,844	49,337,420	51,227,756	51,649,620	49,621,545	48,968,632	51,438,688	4.7	0.8	5.1	5.0
Farm Earnings	271,300	281,292	275,349	280,433	283,436	276,296	277,891	-0.3	1.8	3.2	0.6
Nonfarm Earnings	48,328,544	49,056,128	50,952,407	51,369,187	49,338,109	48,692,336	51,160,797	4.7	0.8	5.1	5.1
Private earnings	33,100,136	33,752,936	35,173,387	35,607,516	34,027,266	33,426,536	35,390,452	5.5	1.2	6.0	5.9
Forestry, fishing, & related activities	73,776	76,592	75,011	78,585	75,068	75,184	76,798	2.6	4.8	3.3	2.1
Mining	43,216	39,256	40,720	41,890	39,430	41,236	41,305	6.7	2.9	8.4	0.2
Utilities	553,216	550,316	526,379	530,434	555,498	551,766	528,407	-3.6	0.8	6.1	-4.2
Construction	3,565,828	3,668,544	4,123,621	4,175,259	3,771,525	3,617,186	4,149,440	13.8	1.3	12.7	14.7
Manufacturing	875,268	879,640	923,835	937,750	890,944	877,454	930,793	6.6	1.5	1.8	6.1
Durable goods	286,900	291,028	315,945	316,577	294,295	288,964	316,261	8.8	0.2	-0.8	9.4
Nondurable goods	588,368	588,612	607,890	621,173	596,649	588,490	614,532	5.5	2.2	3.1	4.4
Wholesale trade	1,318,680	1,335,036	1,343,847	1,351,142	1,340,566	1,326,858	1,347,495	1.2	0.5	4.1	1.6
Retail trade	2,962,200	3,010,332	3,079,736	3,078,212	3,022,083	2,986,266	3,078,974	2.3	0.0	2.4	3.1
Transportation and warehousing	1,896,928	1,916,300	2,139,653	2,232,000	1,955,610	1,906,614	2,185,827	16.5	4.3	9.0	14.6
Information	715,596	746,488	721,360	748,705	740,217	731,042	735,033	0.3	3.8	3.1	0.5
Finance and insurance	1,405,324	1,445,644	1,465,477	1,479,716	1,442,799	1,425,484	1,472,597	2.4	1.0	6.5	3.3
Real estate and rental and leasing	1,504,140	1,531,480	1,600,381	1,618,193	1,539,024	1,517,810	1,609,287	5.7	1.1	11.3	6.0
Prof., scientific, & technical services	2,727,136	2,774,088	2,799,471	2,821,012	2,790,697	2,750,612	2,810,242	1.7	0.8	4.2	2.2
Management of companies and enterprises	880,192	927,900	915,173	967,886	904,071	904,046	941,530	4.3	5.8	4.1	4.1
Admin. & waste management services	2,272,020	2,299,556	2,360,085	2,352,633	2,323,385	2,285,788	2,356,359	2.3	-0.3	4.5	3.1
Educational services	751,604	758,192	774,953	779,470	759,228	754,898	777,212	2.8	0.6	0.8	3.0
Health care and social assistance	4,729,040	4,850,672	5,063,224	5,129,088	4,878,911	4,789,856	5,096,156	5.7	1.3	6.7	6.4
Arts, entertainment, and recreation	548,236	569,044	563,253	564,350	563,900	558,640	563,802	-0.8	0.2	-2.4	0.9
Accommodation and food services	4,337,596	4,407,320	4,619,512	4,671,814	4,459,282	4,372,458	4,645,663	6.0	1.1	6.5	6.2
Other services, except public admin.	1,940,140	1,966,536	2,037,696	2,049,377	1,975,028	1,953,338	2,043,537	4.2	0.6	4.2	4.6
Government and government enterprises	15,228,408	15,303,192	15,779,020	15,761,671	15,310,843	15,265,800	15,770,346	3.0	-0.1	3.1	3.3
Federal	8,518,544	8,533,668	8,664,950	8,674,172	8,542,500	8,526,106	8,669,561	1.6	0.1	2.6	1.7
Federal, civilian	3,528,172	3,547,024	3,633,298	3,670,710	3,554,137	3,537,598	3,652,004	3.5	1.0	3.0	3.2
Military	4,990,372	4,986,644	5,031,652	5,003,462	4,988,363	4,988,508	5,017,557	0.3	-0.6	2.3	0.6
State and local	6,709,864	6,769,524	7,114,070	7,087,499	6,768,343	6,739,694	7,100,785	4.7	-0.4	3.7	5.4

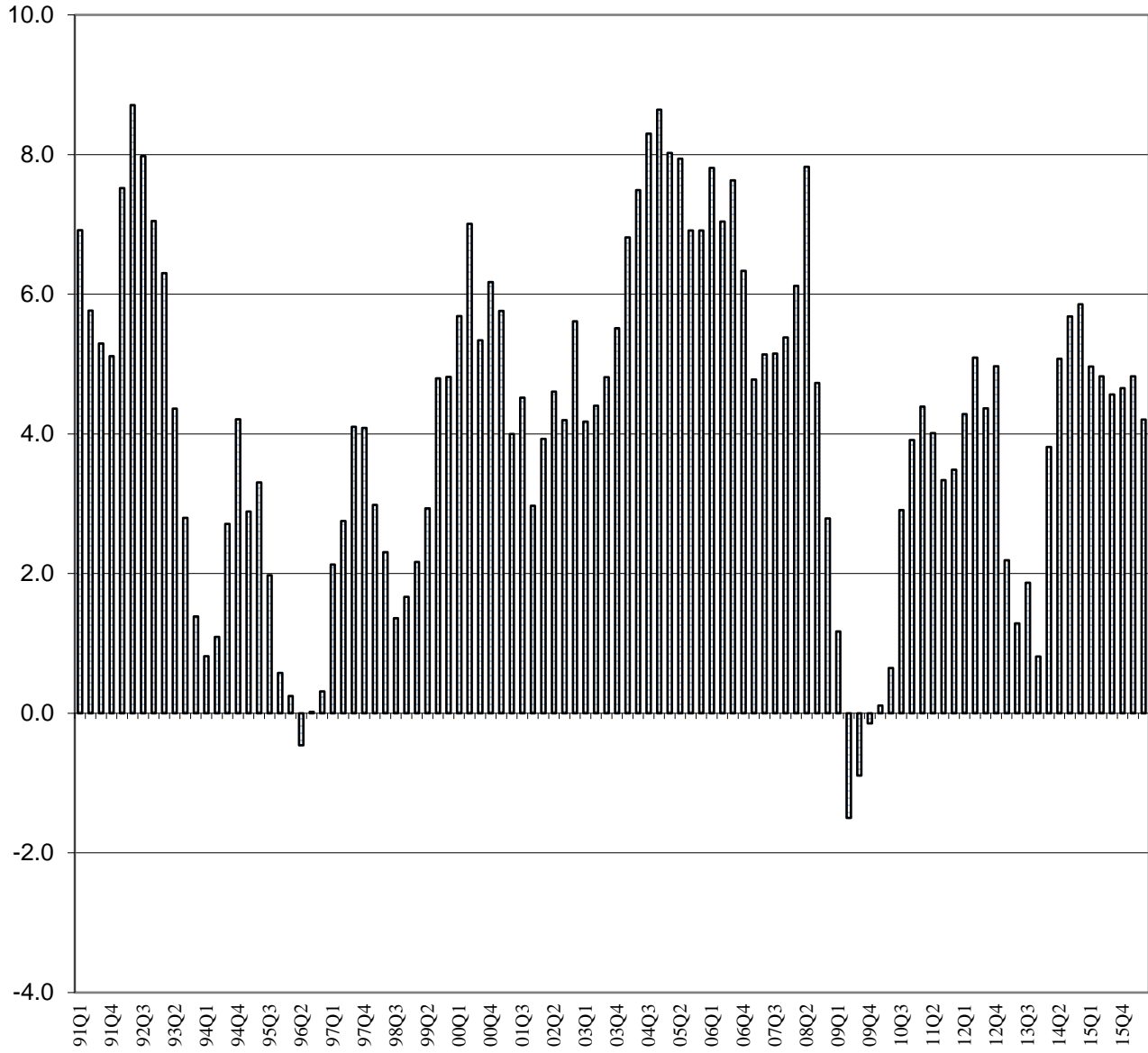
1/ 1998Q1 to 2016Q1 revised from previous QSER.

2/ Percentage change involving negative values not meaningful.

Source: U.S. Department of Commerce, Bureau of Economic Analysis, State Quarterly Personal Income, September 28, 2016 <<http://www.bea.gov/iTable/iTable.cfm?reqid=70&step=1&isuri=1&acrdn=3>> accessed September 28, 2016.

**Figure 1. Growth in Personal Income**

[percentage change from the same period in previous year]



Source: Table B-5. Personal Income.



**Table B-5. PERSONAL INCOME**

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	Annual Average
In Thousands of Dollars at Seasonally Adjusted Annual Rates					
1982	12,763,080	12,922,460	13,161,952	13,460,436	13,076,982
1983	14,147,152	14,269,964	14,399,100	14,863,180	14,419,849
1984	14,992,688	15,395,784	15,621,244	15,806,668	15,454,096
1985	16,174,960	16,342,588	16,526,188	16,769,976	16,453,428
1986	17,065,340	17,309,120	17,630,844	17,867,448	17,468,188
1987	18,068,264	18,382,372	18,780,400	19,261,616	18,623,163
1988	19,661,432	20,172,392	20,699,736	21,311,836	20,461,349
1989	22,005,412	22,630,772	23,191,976	23,633,472	22,865,408
1990	24,180,180	24,667,972	25,148,076	25,728,116	24,931,086
1991	25,852,944	26,089,760	26,479,632	27,043,060	26,366,349
1992	27,796,536	28,361,240	28,591,892	28,949,340	28,424,752
1993	29,547,752	29,598,620	29,391,320	29,350,964	29,472,164
1994	29,788,896	29,922,580	30,187,544	30,586,128	30,121,287
1995	30,649,188	30,911,080	30,783,488	30,762,728	30,776,621
1996	30,724,448	30,769,352	30,788,868	30,859,424	30,785,523
1997	31,379,036	31,616,332	32,052,000	32,119,536	31,791,726
1998 1/	32,314,628	32,345,948	32,487,912	32,654,216	32,450,676
1999 1/	33,014,088	33,294,684	34,046,284	34,226,448	33,645,376
2000 1/	34,891,492	35,627,552	35,864,328	36,339,516	35,680,722
2001 1/	36,901,452	37,051,976	37,484,712	37,419,752	37,214,473
2002 1/	38,351,708	38,758,736	39,058,476	39,520,032	38,922,238
2003 1/	39,953,760	40,464,596	40,937,040	41,699,464	40,763,715
2004 1/	42,675,520	43,495,056	44,335,132	45,302,984	43,952,173
2005 1/	46,099,168	46,949,048	47,399,992	48,434,636	47,220,711
2006 1/	49,698,732	50,254,516	51,016,660	51,503,324	50,618,308
2007 1/	52,073,980	52,835,488	53,643,816	54,274,504	53,206,947
2008 1/	55,261,756	56,969,636	56,181,520	55,787,228	56,050,035
2009 1/	55,908,104	56,115,880	55,680,352	55,706,756	55,852,773
2010 1/	55,970,692	56,478,268	57,300,628	57,884,800	56,908,597
2011 1/	58,427,324	58,744,056	59,213,448	59,903,500	59,072,082
2012 1/	60,930,976	61,734,788	61,798,020	62,880,576	61,836,090
2013 1/	62,265,672	62,528,376	62,952,952	63,390,992	62,784,498
2014 1/	64,640,172	65,701,252	66,529,708	67,102,548	65,993,420
2015 1/	67,850,024	68,871,772	69,567,396	70,227,212	69,129,101
2016 1/	71,123,323	71,766,732	(NA)	Year-to-date	71,445,028
Percentage Change from the Same Period in Previous Year					
1983	10.8	10.4	9.4	10.4	10.3
1984	6.0	7.9	8.5	6.3	7.2
1985	7.9	6.1	5.8	6.1	6.5
1986	5.5	5.9	6.7	6.5	6.2
1987	5.9	6.2	6.5	7.8	6.6
1988	8.8	9.7	10.2	10.6	9.9
1989	11.9	12.2	12.0	10.9	11.7
1990	9.9	9.0	8.4	8.9	9.0
1991	6.9	5.8	5.3	5.1	5.8
1992	7.5	8.7	8.0	7.0	7.8
1993	6.3	4.4	2.8	1.4	3.7
1994	0.8	1.1	2.7	4.2	2.2
1995	2.9	3.3	2.0	0.6	2.2
1996	0.2	-0.5	0.0	0.3	0.0
1997	2.1	2.8	4.1	4.1	3.3
1998 1/	3.0	2.3	1.4	1.7	2.1
1999 1/	2.2	2.9	4.8	4.8	3.7
2000 1/	5.7	7.0	5.3	6.2	6.0
2001 1/	5.8	4.0	4.5	3.0	4.3
2002 1/	3.9	4.6	4.2	5.6	4.6
2003 1/	4.2	4.4	4.8	5.5	4.7
2004 1/	6.8	7.5	8.3	8.6	7.8
2005 1/	8.0	7.9	6.9	6.9	7.4
2006 1/	7.8	7.0	7.6	6.3	7.2
2007 1/	4.8	5.1	5.1	5.4	5.1
2008 1/	6.1	7.8	4.7	2.8	5.3
2009 1/	1.2	-1.5	-0.9	-0.1	-0.4
2010 1/	0.1	0.6	2.9	3.9	1.9
2011 1/	4.4	4.0	3.3	3.5	3.8
2012 1/	4.3	5.1	4.4	5.0	4.7
2013 1/	2.2	1.3	1.9	0.8	1.5
2014 1/	3.8	5.1	5.7	5.9	5.1
2015 1/	5.0	4.8	4.6	4.7	4.8
2016 1/	4.8	4.2	(NA)	Year-to-date	4.5

NA Not available.

1/ 1998Q1 to 2016Q1 revised from previous *QSER*.

Source: U.S. Department of Commerce, Bureau of Economic Analysis, State Quarterly Personal Income, September 28, 2016 <<http://www.bea.gov/iTable/iTable.cfm?reqid=70&step=1&isuri=1&acrdn=3>> accessed September 28, 2016.

**Table B-6. TOTAL WAGES AND SALARIES**

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	Annual Average
In Thousands of Dollars at Seasonally Adjusted Annual Rates					
1982	7,394,432	7,522,924	7,682,644	7,823,020	7,605,755
1983	7,976,060	8,027,272	8,039,640	8,295,208	8,084,545
1984	8,382,820	8,613,884	8,653,156	8,726,028	8,593,972
1985	8,943,608	9,061,248	9,227,292	9,407,260	9,159,852
1986	9,506,664	9,619,216	9,829,012	10,099,800	9,763,673
1987	10,292,184	10,528,588	10,779,440	11,065,612	10,666,456
1988	11,306,992	11,647,852	11,895,192	12,219,392	11,767,357
1989	12,500,944	12,822,160	13,153,840	13,514,548	12,997,873
1990	13,816,640	14,222,512	14,577,364	15,002,524	14,404,760
1991	15,082,436	15,154,948	15,349,836	15,596,828	15,296,012
1992	16,103,168	16,305,404	16,286,504	16,333,776	16,257,213
1993	16,699,188	16,684,652	16,417,320	16,262,532	16,515,923
1994	16,659,612	16,593,644	16,657,860	16,754,396	16,666,378
1995	16,692,700	16,785,332	16,622,060	16,620,440	16,680,133
1996	16,674,620	16,686,216	16,745,156	16,766,576	16,718,142
1997	17,064,072	17,139,800	17,375,408	17,284,192	17,215,868
1998	17,607,384	17,539,972	17,616,732	17,720,056	17,621,036
1999	17,882,272	17,969,196	18,441,436	18,448,840	18,185,436
2000	18,799,860	19,182,096	19,229,184	19,480,980	19,173,030
2001	19,794,672	19,718,716	20,019,324	19,791,656	19,831,092
2002	20,495,184	20,771,444	20,991,420	21,236,800	20,873,712
2003	21,602,632	21,885,004	22,082,248	22,478,780	22,012,166
2004	22,918,528	23,366,272	23,991,736	24,379,332	23,663,967
2005	24,681,064	25,021,660	25,256,864	25,767,984	25,181,893
2006	26,403,748	26,644,144	27,034,164	27,385,768	26,866,956
2007	28,020,608	28,167,408	28,537,500	28,804,888	28,382,601
2008	29,303,872	29,271,800	29,117,692	29,044,872	29,184,559
2009	28,593,128	28,755,632	28,407,440	28,364,028	28,530,057
2010	28,341,112	28,500,196	28,831,028	28,831,316	28,625,913
2011	29,384,292	29,262,472	29,591,352	29,718,836	29,489,238
2012	30,251,616	30,627,844	30,694,688	31,165,320	30,684,867
2013 1/	31,286,868	31,480,096	31,572,172	31,816,832	31,538,992
2014 1/	32,330,564	32,652,648	33,005,512	33,370,412	32,839,784
2015 1/	33,809,280	34,397,228	34,774,208	35,332,896	34,578,403
2016 1/	35,646,323	35,953,826	(NA)	Year-to-date	35,800,075
Percentage Change from the Same Period in Previous Year					
1983	7.9	6.7	4.6	6.0	6.3
1984	5.1	7.3	7.6	5.2	6.3
1985	6.7	5.2	6.6	7.8	6.6
1986	6.3	6.2	6.5	7.4	6.6
1987	8.3	9.5	9.7	9.6	9.2
1988	9.9	10.6	10.4	10.4	10.3
1989	10.6	10.1	10.6	10.6	10.5
1990	10.5	10.9	10.8	11.0	10.8
1991	9.2	6.6	5.3	4.0	6.2
1992	6.8	7.6	6.1	4.7	6.3
1993	3.7	2.3	0.8	-0.4	1.6
1994	-0.2	-0.5	1.5	3.0	0.9
1995	0.2	1.2	-0.2	-0.8	0.1
1996	-0.1	-0.6	0.7	0.9	0.2
1997	2.3	2.7	3.8	3.1	3.0
1998	3.2	2.3	1.4	2.5	2.4
1999	1.6	2.4	4.7	4.1	3.2
2000	5.1	6.7	4.3	5.6	5.4
2001	5.3	2.8	4.1	1.6	3.4
2002	3.5	5.3	4.9	7.3	5.3
2003	5.4	5.4	5.2	5.8	5.5
2004	6.1	6.8	8.6	8.5	7.5
2005	7.7	7.1	5.3	5.7	6.4
2006	7.0	6.5	7.0	6.3	6.7
2007	6.1	5.7	5.6	5.2	5.6
2008	4.6	3.9	2.0	0.8	2.8
2009	-2.4	-1.8	-2.4	-2.3	-2.2
2010	-0.9	-0.9	1.5	1.6	0.3
2011	3.7	2.7	2.6	3.1	3.0
2012	3.0	4.7	3.7	4.9	4.1
2013 1/	3.4	2.8	2.9	2.1	2.8
2014 1/	3.3	3.7	4.5	4.9	4.1
2015 1/	4.6	5.3	5.4	5.9	5.3
2016 1/	5.4	4.5	(NA)	Year-to-date	5.0

NA Not available.

1/ 2013Q1 to 2016Q1 revised from previous *QSER*.

Source: U.S. Department of Commerce, Bureau of Economic Analysis, State Quarterly Personal Income, September 28, 2016 <<http://www.bea.gov/iTable/iTable.cfm?reqid=70&step=1&isuri=1&acrdn=3>> accessed September 28, 2016.

**Table B-7. SUPPLEMENTS TO WAGES AND SALARIES**

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	Annual Average
In Thousands of Dollars at Seasonally Adjusted Annual Rates					
1982	1,721,612	1,763,612	1,811,028	1,862,304	1,789,639
1983	1,939,508	1,954,084	1,957,696	2,012,816	1,966,026
1984	2,100,276	2,158,028	2,174,212	2,197,864	2,157,595
1985	2,249,016	2,280,768	2,330,256	2,380,756	2,310,199
1986	2,427,888	2,473,116	2,523,824	2,570,620	2,498,862
1987	2,559,324	2,592,312	2,627,368	2,663,400	2,610,601
1988	2,752,312	2,813,468	2,868,560	2,939,108	2,843,362
1989	3,022,512	3,120,016	3,205,408	3,278,164	3,156,525
1990	3,370,732	3,426,096	3,499,008	3,612,256	3,477,023
1991	3,697,460	3,718,648	3,792,376	3,901,180	3,777,416
1992	4,093,376	4,176,896	4,200,704	4,185,796	4,164,193
1993	4,301,188	4,270,048	4,207,560	4,171,476	4,237,568
1994	4,323,980	4,286,544	4,300,364	4,286,616	4,299,376
1995	4,238,832	4,236,828	4,160,524	4,126,828	4,190,753
1996	4,093,284	4,048,636	4,027,132	4,008,264	4,044,329
1997	4,042,844	4,045,000	4,096,556	4,059,912	4,061,078
1998	4,129,108	4,111,252	4,116,152	4,124,728	4,120,310
1999	4,148,128	4,171,292	4,327,232	4,308,208	4,238,715
2000	4,367,900	4,494,168	4,524,868	4,616,192	4,500,782
2001	4,706,704	4,732,096	4,885,416	4,891,776	4,803,998
2002	5,099,056	5,195,096	5,326,472	5,525,444	5,286,517
2003	5,797,476	5,934,700	6,004,132	6,057,108	5,948,354
2004	6,218,260	6,268,300	6,402,804	6,541,000	6,357,591
2005	6,780,200	6,883,380	6,887,556	6,956,644	6,876,945
2006	6,975,636	6,979,364	7,055,340	7,102,204	7,028,136
2007	7,230,444	7,324,616	7,491,732	7,577,192	7,405,996
2008	7,714,932	7,743,448	7,678,552	7,611,640	7,687,143
2009	7,639,560	7,628,508	7,568,388	7,592,036	7,607,123
2010 1/	7,933,656	8,038,104	8,263,440	8,388,720	8,155,980
2011 1/	8,803,292	8,858,456	8,950,220	9,063,684	8,918,913
2012 1/	8,995,288	9,100,156	9,127,260	9,183,296	9,101,500
2013 1/	9,339,116	9,373,796	9,395,636	9,442,440	9,387,747
2014 1/	9,659,332	9,712,624	9,758,996	9,806,716	9,734,417
2015 1/	9,949,108	10,029,828	10,127,992	10,227,288	10,083,554
2016 1/	10,451,206	10,521,984	(NA)	Year-to-date	10,486,595
Percentage Change from the Same Period in Previous Year					
1983	12.7	10.8	8.1	8.1	9.9
1984	8.3	10.4	11.1	9.2	9.7
1985	7.1	5.7	7.2	8.3	7.1
1986	8.0	8.4	8.3	8.0	8.2
1987	5.4	4.8	4.1	3.6	4.5
1988	7.5	8.5	9.2	10.4	8.9
1989	9.8	10.9	11.7	11.5	11.0
1990	11.5	9.8	9.2	10.2	10.2
1991	9.7	8.5	8.4	8.0	8.6
1992	10.7	12.3	10.8	7.3	10.2
1993	5.1	2.2	0.2	-0.3	1.8
1994	0.5	0.4	2.2	2.8	1.5
1995	-2.0	-1.2	-3.3	-3.7	-2.5
1996	-3.4	-4.4	-3.2	-2.9	-3.5
1997	-1.2	-0.1	1.7	1.3	0.4
1998	2.1	1.6	0.5	1.6	1.5
1999	0.5	1.5	5.1	4.4	2.9
2000	5.3	7.7	4.6	7.1	6.2
2001	7.8	5.3	8.0	6.0	6.7
2002	8.3	9.8	9.0	13.0	10.0
2003	13.7	14.2	12.7	9.6	12.5
2004	7.3	5.6	6.6	8.0	6.9
2005	9.0	9.8	7.6	6.4	8.2
2006	2.9	1.4	2.4	2.1	2.2
2007	3.7	4.9	6.2	6.7	5.4
2008	6.7	5.7	2.5	0.5	3.8
2009	-1.0	-1.5	-1.4	-0.3	-1.0
2010 1/	3.8	5.4	9.2	10.5	7.2
2011 1/	11.0	10.2	8.3	8.0	9.4
2012 1/	2.2	2.7	2.0	1.3	2.0
2013 1/	3.8	3.0	2.9	2.8	3.1
2014 1/	3.4	3.6	3.9	3.9	3.7
2015 1/	3.0	3.3	3.8	4.3	3.6
2016 1/	5.0	4.9	(NA)	Year-to-date	5.0

NA Not available.

1/ 2010Q1 to 2016Q1 revised from previous QSER.

Source: U.S. Department of Commerce, Bureau of Economic Analysis, State Quarterly Personal Income, September 28, 2016 <<http://www.bea.gov/iTable/iTable.cfm?reqid=70&step=1&isuri=1&acrdn=3>> accessed September 28, 2016.

**Table B-8. PROPRIETORS' INCOME**

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	Annual Average
In Thousands of Dollars at Seasonally Adjusted Annual Rates					
1982	712,308	754,320	774,488	784,032	756,287
1983	1,076,756	957,528	874,816	919,292	957,098
1984	901,092	939,780	969,912	950,332	940,279
1985	1,028,524	1,016,588	987,528	976,840	1,002,370
1986	989,520	1,067,696	1,181,908	1,152,596	1,097,930
1987	1,169,888	1,154,120	1,159,896	1,212,844	1,174,187
1988	1,352,820	1,457,208	1,530,924	1,554,092	1,473,761
1989	1,615,796	1,682,792	1,768,508	1,738,196	1,701,323
1990	1,897,684	1,911,068	1,934,752	1,930,704	1,918,552
1991	1,900,748	1,933,968	1,956,412	1,988,636	1,944,941
1992	1,879,768	1,971,320	2,051,104	2,147,012	2,012,301
1993	2,164,448	2,190,536	2,202,484	2,254,944	2,203,103
1994	2,119,920	2,166,904	2,205,556	2,279,372	2,192,938
1995	2,235,776	2,269,492	2,313,428	2,362,544	2,295,310
1996	2,276,984	2,359,212	2,399,604	2,446,708	2,370,627
1997	2,449,712	2,475,444	2,519,704	2,557,524	2,500,596
1998 1/	2,313,500	2,380,804	2,450,776	2,531,092	2,419,043
1999 1/	2,625,872	2,667,596	2,711,360	2,773,348	2,694,544
2000 1/	2,871,800	2,990,756	3,068,352	3,188,276	3,029,796
2001 1/	3,412,604	3,476,592	3,542,844	3,466,984	3,474,756
2002 1/	3,625,040	3,676,540	3,743,316	3,808,540	3,713,359
2003 1/	3,729,992	3,813,092	3,922,340	3,996,868	3,865,573
2004 1/	3,990,476	4,087,940	4,099,084	4,111,656	4,072,289
2005 1/	4,344,092	4,444,912	4,607,724	4,728,432	4,531,290
2006 1/	4,699,828	4,763,452	4,761,480	4,763,636	4,747,099
2007 1/	4,118,732	3,991,116	3,925,744	3,954,188	3,997,445
2008 1/	3,965,208	4,060,512	4,075,764	4,003,948	4,026,358
2009 1/	4,046,892	4,046,128	4,158,908	4,350,820	4,150,687
2010 1/	3,957,264	3,897,580	3,867,340	3,978,008	3,925,048
2011 1/	3,655,200	3,753,944	3,863,828	3,929,248	3,800,555
2012 1/	4,338,140	4,415,444	4,437,124	4,476,324	4,416,758
2013 1/	4,510,112	4,488,908	4,478,732	4,508,224	4,496,494
2014 1/	4,496,592	4,613,916	4,698,224	4,779,024	4,646,939
2015 1/	4,841,456	4,910,364	4,990,568	5,095,964	4,959,588
2016 1/	5,130,227	5,173,810	(NA)	Year-to-date	5,152,019
Percentage Change from the Same Period in Previous Year					
1983	51.2	26.9	13.0	17.3	26.6
1984	-16.3	-1.9	10.9	3.4	-1.8
1985	14.1	8.2	1.8	2.8	6.6
1986	-3.8	5.0	19.7	18.0	9.5
1987	18.2	8.1	-1.9	5.2	6.9
1988	15.6	26.3	32.0	28.1	25.5
1989	19.4	15.5	15.5	11.8	15.4
1990	17.4	13.6	9.4	11.1	12.8
1991	0.2	1.2	1.1	3.0	1.4
1992	-1.1	1.9	4.8	8.0	3.5
1993	15.1	11.1	7.4	5.0	9.5
1994	-2.1	-1.1	0.1	1.1	-0.5
1995	5.5	4.7	4.9	3.6	4.7
1996	1.8	4.0	3.7	3.6	3.3
1997	7.6	4.9	5.0	4.5	5.5
1998 1/	-5.6	-3.8	-2.7	-1.0	-3.3
1999 1/	13.5	12.0	10.6	9.6	11.4
2000 1/	9.4	12.1	13.2	15.0	12.4
2001 1/	18.8	16.2	15.5	8.7	14.7
2002 1/	6.2	5.8	5.7	9.9	6.9
2003 1/	2.9	3.7	4.8	4.9	4.1
2004 1/	7.0	7.2	4.5	2.9	5.3
2005 1/	8.9	8.7	12.4	15.0	11.3
2006 1/	8.2	7.2	3.3	0.7	4.8
2007 1/	-12.4	-16.2	-17.6	-17.0	-15.8
2008 1/	-3.7	1.7	3.8	1.3	0.7
2009 1/	2.1	-0.4	2.0	8.7	3.1
2010 1/	-2.2	-3.7	-7.0	-8.6	-5.4
2011 1/	-7.6	-3.7	-0.1	-1.2	-3.2
2012 1/	18.7	17.6	14.8	13.9	16.2
2013 1/	4.0	1.7	0.9	0.7	1.8
2014 1/	-0.3	2.8	4.9	6.0	3.3
2015 1/	7.7	6.4	6.2	6.6	6.7
2016 1/	6.0	5.4	(NA)	Year-to-date	5.7

NA Not available.

1/ 1998Q1 to 2016Q1 revised from previous QSER.

Source: U.S. Department of Commerce, Bureau of Economic Analysis, State Quarterly Personal Income, September 28, 2016 <<http://www.bea.gov/iTable/iTable.cfm?reqid=70&step=1&isuri=1&acrdn=3>> accessed September 28, 2016.

**Table B-9. DIVIDENDS, INTEREST, AND RENT**

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	Annual Average
In Thousands of Dollars at Seasonally Adjusted Annual Rates					
1982	2,673,944	2,620,156	2,607,476	2,666,848	2,642,106
1983	2,863,040	3,015,036	3,199,336	3,311,124	3,097,134
1984	3,327,268	3,414,496	3,541,452	3,606,320	3,472,384
1985	3,668,832	3,703,844	3,704,344	3,752,920	3,707,485
1986	3,888,556	3,905,172	3,877,724	3,866,728	3,884,545
1987	3,877,544	3,941,372	4,066,308	4,190,712	4,018,984
1988	4,170,312	4,207,440	4,363,172	4,564,116	4,326,260
1989	4,784,652	4,936,420	5,019,080	5,098,364	4,959,629
1990	5,119,692	5,175,656	5,263,888	5,284,656	5,210,973
1991	5,284,856	5,339,416	5,426,892	5,504,588	5,388,938
1992	5,668,148	5,787,724	5,846,616	5,935,544	5,809,508
1993	6,104,976	6,135,136	6,126,988	6,145,272	6,128,093
1994	6,215,644	6,332,848	6,432,464	6,533,100	6,378,514
1995	6,564,552	6,620,372	6,619,032	6,631,852	6,608,952
1996	6,570,408	6,532,088	6,550,052	6,598,048	6,562,649
1997	6,749,920	6,894,156	7,015,044	7,142,920	6,950,510
1998	7,196,876	7,218,004	7,208,324	7,158,260	7,195,366
1999	7,190,388	7,306,764	7,392,124	7,489,152	7,344,607
2000	7,646,480	7,715,676	7,773,212	7,809,224	7,736,148
2001 1/	7,711,044	7,738,440	7,711,404	7,648,328	7,702,304
2002 1/	7,545,852	7,536,680	7,466,280	7,452,516	7,500,332
2003 1/	7,369,620	7,380,656	7,467,788	7,695,248	7,478,328
2004 1/	7,957,572	8,159,812	8,256,468	8,612,504	8,246,589
2005 1/	8,592,116	8,792,220	8,873,900	9,248,952	8,876,797
2006 1/	9,826,148	10,133,424	10,364,656	10,522,468	10,211,674
2007 1/	10,722,324	11,237,604	11,510,416	11,574,084	11,261,107
2008 1/	11,834,520	11,910,508	12,154,820	12,053,492	11,988,335
2009 1/	12,148,172	11,833,380	11,632,960	11,500,024	11,778,634
2010 1/	11,400,484	11,575,296	11,685,896	11,930,092	11,647,942
2011 1/	11,419,560	11,602,380	11,758,856	12,040,008	11,705,201
2012 1/	12,367,456	12,651,540	12,714,720	13,281,604	12,753,830
2013 1/	12,838,256	12,802,920	12,937,256	13,048,804	12,906,809
2014 1/	13,334,148	13,639,560	13,845,076	13,935,828	13,688,653
2015 1/	14,032,628	14,308,324	14,448,708	14,347,912	14,284,393
2016 1/	14,453,375	14,595,872	(NA)	Year-to-date	14,524,624
Percentage Change from the Same Period in Previous Year					
1983	7.1	15.1	22.7	24.2	17.2
1984	16.2	13.2	10.7	8.9	12.1
1985	10.3	8.5	4.6	4.1	6.8
1986	6.0	5.4	4.7	3.0	4.8
1987	-0.3	0.9	4.9	8.4	3.5
1988	7.6	6.8	7.3	8.9	7.6
1989	14.7	17.3	15.0	11.7	14.6
1990	7.0	4.8	4.9	3.7	5.1
1991	3.2	3.2	3.1	4.2	3.4
1992	7.3	8.4	7.7	7.8	7.8
1993	7.7	6.0	4.8	3.5	5.5
1994	1.8	3.2	5.0	6.3	4.1
1995	5.6	4.5	2.9	1.5	3.6
1996	0.1	-1.3	-1.0	-0.5	-0.7
1997	2.7	5.5	7.1	8.3	5.9
1998	6.6	4.7	2.8	0.2	3.5
1999	-0.1	1.2	2.5	4.6	2.1
2000	6.3	5.6	5.2	4.3	5.3
2001 1/	0.8	0.3	-0.8	-2.1	-0.4
2002 1/	-2.1	-2.6	-3.2	-2.6	-2.6
2003 1/	-2.3	-2.1	0.0	3.3	-0.3
2004 1/	8.0	10.6	10.6	11.9	10.3
2005 1/	8.0	7.8	7.5	7.4	7.6
2006 1/	14.4	15.3	16.8	13.8	15.0
2007 1/	9.1	10.9	11.1	10.0	10.3
2008 1/	10.4	6.0	5.6	4.1	6.5
2009 1/	2.7	-0.6	-4.3	-4.6	-1.7
2010 1/	-6.2	-2.2	0.5	3.7	-1.1
2011 1/	0.2	0.2	0.6	0.9	0.5
2012 1/	8.3	9.0	8.1	10.3	9.0
2013 1/	3.8	1.2	1.8	-1.8	1.2
2014 1/	3.9	6.5	7.0	6.8	6.1
2015 1/	5.2	4.9	4.4	3.0	4.4
2016 1/	3.0	2.0	(NA)	Year-to-date	2.5

NA Not available.

1/ 2001Q1 to 2016Q1 revised from previous *QSER*.

Source: U.S. Department of Commerce, Bureau of Economic Analysis, State Quarterly Personal Income, September 28, 2016 <<http://www.bea.gov/iTable/iTable.cfm?reqid=70&step=1&isuri=1&acrdn=3>> accessed September 28, 2016.

**Table B-10. PERSONAL CURRENT TRANSFER RECEIPTS**

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	Annual Average
In Thousands of Dollars at Seasonally Adjusted Annual Rates					
1982	1,188,652	1,198,088	1,238,556	1,291,564	1,229,215
1983	1,318,164	1,348,604	1,356,724	1,381,828	1,351,330
1984	1,400,696	1,411,748	1,421,340	1,466,876	1,425,165
1985	1,491,776	1,504,184	1,523,092	1,523,852	1,510,726
1986	1,563,988	1,573,732	1,580,496	1,578,084	1,574,075
1987	1,599,700	1,625,216	1,637,804	1,655,072	1,629,448
1988	1,714,660	1,728,280	1,754,652	1,788,132	1,746,431
1989	1,886,720	1,922,700	1,955,060	1,983,608	1,937,022
1990	2,054,584	2,077,840	2,087,500	2,171,228	2,097,788
1991	2,214,916	2,266,764	2,302,816	2,431,572	2,304,017
1992	2,532,936	2,625,760	2,710,384	2,832,976	2,675,514
1993	2,852,064	2,889,372	2,965,100	3,015,236	2,930,443
1994	3,073,424	3,118,164	3,174,076	3,322,372	3,172,009
1995	3,501,032	3,598,600	3,645,796	3,603,040	3,587,117
1996	3,696,764	3,731,720	3,661,160	3,628,704	3,679,587
1997	3,696,360	3,683,484	3,692,636	3,702,468	3,693,737
1998	3,744,308	3,756,948	3,761,504	3,802,244	3,766,251
1999	3,866,492	3,893,060	3,945,204	3,983,972	3,922,182
2000	4,037,420	4,127,412	4,164,156	4,191,688	4,130,169
2001	4,315,668	4,418,332	4,404,828	4,661,708	4,450,134
2002	4,772,336	4,810,640	4,807,476	4,829,152	4,804,901
2003	4,902,404	4,950,836	4,980,192	5,017,732	4,962,791
2004	5,207,612	5,252,356	5,291,672	5,414,172	5,291,453
2005	5,562,016	5,728,708	5,738,724	5,779,168	5,702,154
2006	5,975,488	5,955,156	6,077,276	6,043,400	6,012,830
2007	6,394,752	6,526,356	6,634,460	6,846,032	6,600,400
2008	7,013,220	8,533,848	7,668,160	7,557,596	7,693,206
2009	7,936,916	8,340,584	8,369,548	8,392,268	8,259,829
2010	8,961,024	9,144,344	9,404,224	9,525,816	9,258,852
2011	9,628,460	9,719,788	9,548,884	9,658,864	9,638,999
2012	9,529,828	9,547,572	9,458,124	9,511,104	9,511,657
2013 1/	9,666,440	9,792,116	9,991,608	10,031,004	9,870,292
2014 1/	10,183,592	10,484,676	10,673,780	10,715,528	10,514,394
2015 1/	10,766,720	10,850,332	10,901,664	10,968,152	10,871,717
2016 1/	11,266,022	11,377,626	(NA)	Year-to-date	11,321,824
Percentage Change from the Same Period in Previous Year					
1983	10.9	12.6	9.5	7.0	9.9
1984	6.3	4.7	4.8	6.2	5.5
1985	6.5	6.5	7.2	3.9	6.0
1986	4.8	4.6	3.8	3.6	4.2
1987	2.3	3.3	3.6	4.9	3.5
1988	7.2	6.3	7.1	8.0	7.2
1989	10.0	11.2	11.4	10.9	10.9
1990	8.9	8.1	6.8	9.5	8.3
1991	7.8	9.1	10.3	12.0	9.8
1992	14.4	15.8	17.7	16.5	16.1
1993	12.6	10.0	9.4	6.4	9.5
1994	7.8	7.9	7.0	10.2	8.2
1995	13.9	15.4	14.9	8.4	13.1
1996	5.6	3.7	0.4	0.7	2.6
1997	0.0	-1.3	0.9	2.0	0.4
1998	1.3	2.0	1.9	2.7	2.0
1999	3.3	3.6	4.9	4.8	4.1
2000	4.4	6.0	5.5	5.2	5.3
2001	6.9	7.0	5.8	11.2	7.7
2002	10.6	8.9	9.1	3.6	8.0
2003	2.7	2.9	3.6	3.9	3.3
2004	6.2	6.1	6.3	7.9	6.6
2005	6.8	9.1	8.4	6.7	7.8
2006	7.4	4.0	5.9	4.6	5.4
2007	7.0	9.6	9.2	13.3	9.8
2008	9.7	30.8	15.6	10.4	16.6
2009	13.2	-2.3	9.1	11.0	7.4
2010	12.9	9.6	12.4	13.5	12.1
2011	7.4	6.3	1.5	1.4	4.1
2012	-1.0	-1.8	-1.0	-1.5	-1.3
2013 1/	1.4	2.6	5.6	5.5	3.8
2014 1/	5.3	7.1	6.8	6.8	6.5
2015 1/	5.7	3.5	2.1	2.4	3.4
2016 1/	4.6	4.9	(NA)	Year-to-date	4.7

NA Not available.

1/ 2013Q1 to 2016Q1 revised from previous QSER.

Source: U.S. Department of Commerce, Bureau of Economic Analysis, State Quarterly Personal Income, September 28, 2016 <<http://www.bea.gov/iTable/iTable.cfm?reqid=70&step=1&isuri=1&acrdn=3>> accessed September 28, 2016.

**Table B-11. CONTRIBUTIONS FOR GOV'T SOCIAL INSURANCE**

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	Annual Average
In Thousands of Dollars at Seasonally Adjusted Annual Rates					
1982	927,868	936,640	952,240	967,332	946,020
1983	1,026,376	1,032,560	1,029,112	1,057,088	1,036,284
1984	1,119,464	1,142,152	1,138,828	1,140,752	1,135,299
1985	1,206,796	1,224,044	1,246,324	1,271,652	1,237,204
1986	1,311,276	1,329,812	1,362,120	1,400,380	1,350,897
1987	1,430,376	1,459,236	1,490,416	1,526,024	1,476,513
1988	1,635,664	1,681,856	1,712,764	1,753,004	1,695,822
1989	1,805,212	1,853,316	1,909,920	1,979,408	1,886,964
1990	2,079,152	2,145,200	2,214,436	2,273,252	2,178,010
1991	2,327,472	2,323,984	2,348,700	2,379,744	2,344,975
1992	2,480,860	2,505,864	2,503,420	2,485,764	2,493,977
1993	2,574,112	2,571,124	2,528,132	2,498,496	2,542,966
1994	2,603,684	2,575,524	2,582,776	2,589,728	2,587,928
1995	2,583,704	2,599,544	2,577,352	2,581,976	2,585,644
1996	2,587,612	2,588,520	2,594,236	2,588,876	2,589,811
1997	2,623,872	2,621,552	2,647,348	2,627,480	2,630,063
1998	2,676,548	2,661,032	2,665,576	2,682,164	2,671,330
1999	2,699,064	2,713,224	2,771,072	2,777,072	2,740,108
2000	2,831,968	2,882,556	2,895,444	2,946,844	2,889,203
2001	3,039,240	3,032,200	3,079,104	3,040,700	3,047,811
2002	3,185,760	3,231,664	3,276,488	3,332,420	3,256,583
2003	3,448,364	3,499,692	3,519,660	3,546,272	3,503,497
2004	3,616,928	3,639,624	3,706,632	3,755,680	3,679,716
2005	3,860,320	3,921,832	3,964,776	4,046,544	3,948,368
2006	4,182,116	4,221,024	4,276,256	4,314,152	4,248,387
2007	4,412,880	4,411,612	4,456,036	4,481,880	4,440,602
2008	4,569,996	4,550,480	4,513,468	4,484,320	4,529,566
2009	4,456,564	4,488,352	4,456,892	4,492,420	4,473,557
2010 1/	4,622,848	4,677,252	4,751,300	4,769,152	4,705,138
2011 1/	4,463,480	4,452,984	4,499,692	4,507,140	4,480,824
2012 1/	4,551,352	4,607,768	4,633,896	4,737,072	4,632,522
2013 1/	5,375,120	5,409,460	5,422,452	5,456,312	5,415,836
2014 1/	5,364,056	5,402,172	5,451,880	5,504,960	5,430,767
2015 1/	5,549,168	5,624,304	5,675,744	5,745,000	5,648,554
2016 1/	5,823,830	5,856,386	(NA)	Year-to-date	5,840,108
Percentage Change from the Same Period in Previous Year					
1983	10.6	10.2	8.1	9.3	9.5
1984	9.1	10.6	10.7	7.9	9.6
1985	7.8	7.2	9.4	11.5	9.0
1986	8.7	8.6	9.3	10.1	9.2
1987	9.1	9.7	9.4	9.0	9.3
1988	14.4	15.3	14.9	14.9	14.9
1989	10.4	10.2	11.5	12.9	11.3
1990	15.2	15.7	15.9	14.8	15.4
1991	11.9	8.3	6.1	4.7	7.7
1992	6.6	7.8	6.6	4.5	6.4
1993	3.8	2.6	1.0	0.5	2.0
1994	1.1	0.2	2.2	3.7	1.8
1995	-0.8	0.9	-0.2	-0.3	-0.1
1996	0.2	-0.4	0.7	0.3	0.2
1997	1.4	1.3	2.0	1.5	1.6
1998	2.0	1.5	0.7	2.1	1.6
1999	0.8	2.0	4.0	3.5	2.6
2000	4.9	6.2	4.5	6.1	5.4
2001	7.3	5.2	6.3	3.2	5.5
2002	4.8	6.6	6.4	9.6	6.8
2003	8.2	8.3	7.4	6.4	7.6
2004	4.9	4.0	5.3	5.9	5.0
2005	6.7	7.8	7.0	7.7	7.3
2006	8.3	7.6	7.9	6.6	7.6
2007	5.5	4.5	4.2	3.9	4.5
2008	3.6	3.1	1.3	0.1	2.0
2009	-2.5	-1.4	-1.3	0.2	-1.2
2010 1/	3.7	4.2	6.6	6.2	5.2
2011 1/	-3.4	-4.8	-5.3	-5.5	-4.8
2012 1/	2.0	3.5	3.0	5.1	3.4
2013 1/	18.1	17.4	17.0	15.2	16.9
2014 1/	-0.2	-0.1	0.5	0.9	0.3
2015 1/	3.5	4.1	4.1	4.4	4.0
2016 1/	4.9	4.1	(NA)	Year-to-date	4.5

NA Not available.

1/ 2010Q1 to 2016Q1 revised from previous QSER.

Source: U.S. Department of Commerce, Bureau of Economic Analysis, State Quarterly Personal Income, September 28, 2016 <<http://www.bea.gov/iTable/iTable.cfm?reqid=70&step=1&isuri=1&acrdn=3>> accessed September 28, 2016.





**Table B-12. HONOLULU and U.S. CONSUMER PRICE INDEX,  
ALL URBAN CONSUMERS (CPI-U) - Con.**

Period	U.S.	Honolulu								
		All Items	Food & Beverages	Housing	Apparel	Transportation	Medical Care	Recreation 1/	Educ. & Comm. 1/	Other Goods & Services
Percentage Change from the Same Period in Previous Year										
1991	4.2	7.2	5.9	8.0	3.3	6.3	11.1	(NA)	(NA)	9.5
1992	3.0	4.8	1.8	5.8	3.3	5.8	6.6	(NA)	(NA)	7.6
1993	3.0	3.2	3.0	3.0	2.0	2.1	8.1	(NA)	(NA)	5.9
1994	2.6	2.7	0.3	3.1	1.9	3.9	4.4	(NA)	(NA)	4.7
1995	2.8	2.2	2.2	1.8	-1.0	3.8	1.8	(NA)	(NA)	3.4
1996	3.0	1.5	-0.1	1.2	0.9	2.8	2.5	(NA)	(NA)	4.5
1997	2.3	0.7	1.7	0.2	-1.0	-0.5	1.1	(NA)	(NA)	5.5
1998	1.6	-0.2	-0.1	-0.6	-4.3	-2.2	4.0	(NA)	(NA)	7.2
1999	2.2	1.0	2.4	-0.1	-6.1	-0.2	2.3	1.1	5.4	7.6
2000	3.4	1.7	1.2	1.2	-1.8	4.6	3.7	0.9	1.9	1.5
2001	2.8	1.2	2.9	0.7	-2.4	2.9	(2/)	-1.2	-1.8	3.4
2002	1.6	1.1	1.4	1.2	1.6	-2.1	(2/)	-2.1	3.1	4.5
2003	2.3	2.3	1.7	2.8	-4.0	3.2	(2/)	0.9	4.4	1.8
2004	2.7	3.3	3.0	4.4	2.7	3.4	(2/)	1.9	0.9	1.6
2005	3.4	3.8	3.2	5.6	1.3	5.0	(2/)	-4.4	0.7	2.8
2006	3.2	5.9	4.5	8.4	1.9	5.5	(2/)	3.4	-0.3	3.5
2007	2.8	4.8	5.5	7.2	-0.2	1.4	(2/)	1.5	0.0	4.6
2008	3.8	4.3	5.7	4.3	1.1	4.4	(2/)	2.6	2.8	5.2
2009	-0.4	0.5	3.6	0.4	7.2	-6.4	1.1	0.0	4.9	8.1
2010	1.6	2.1	0.2	0.9	3.2	7.0	-0.4	2.1	4.6	5.1
2011	3.2	3.7	3.5	3.4	1.7	6.9	1.3	2.8	2.9	4.3
2012	2.1	2.4	4.4	1.9	2.6	0.9	3.2	3.2	3.8	1.6
2013	1.5	1.8	3.4	1.7	-2.0	0.8	3.2	2.5	1.6	1.5
2014	1.6	1.4	2.0	1.3	-6.6	1.4	1.9	2.4	2.9	2.4
2015	0.1	1.0	4.3	0.9	-2.0	-8.3	7.7	1.9	3.1	4.5
1996H1	2.8	2.2	0.3	2.0	1.6	3.9	3.4	(NA)	(NA)	2.9
H2	3.1	0.9	-0.5	0.5	0.0	1.7	1.5	(NA)	(NA)	6.0
1997H1	2.6	0.9	1.6	0.3	-0.2	0.9	0.3	(NA)	(NA)	5.4
H2	2.1	0.5	1.7	0.1	-1.8	-1.8	1.9	(NA)	(NA)	5.6
1998H1	1.5	-0.1	0.4	-0.6	-2.8	-2.7	3.2	(NA)	(NA)	9.4
H2	1.6	-0.5	-0.5	-0.7	-5.9	-1.7	4.9	(NA)	(NA)	5.1
1999H1	1.9	0.4	1.5	-0.5	-8.9	-0.6	3.8	-0.1	3.7	7.7
H2	2.5	1.6	3.4	0.2	-2.9	0.1	0.7	2.2	7.2	7.5
2000H1	3.3	1.9	1.9	1.0	-1.4	3.3	2.1	1.8	4.6	1.3
H2	3.5	1.7	0.4	1.4	-2.2	5.9	5.3	0.1	-0.8	1.7
2001H1	3.4	1.3	1.7	0.8	-4.6	4.9	4.3	-1.0	-3.5	3.6
H2	2.2	1.1	4.0	0.4	-0.3	0.9	(2/)	-1.5	0.2	3.3
2002H1	1.3	1.1	2.4	1.0	6.5	-2.4	(2/)	-2.2	3.3	4.0
H2	1.9	1.0	0.5	1.5	-3.1	-1.7	(2/)	-1.9	2.7	4.9
2003H1	2.5	1.7	0.8	2.3	-6.6	2.0	(2/)	-0.6	3.9	2.6
H2	2.0	2.9	2.6	3.2	-1.3	4.5	(2/)	2.3	4.7	0.9
2004H1	2.3	3.3	3.3	4.1	3.4	2.9	(2/)	3.3	2.2	0.8
H2	3.0	3.3	2.8	4.6	2.1	3.9	(2/)	0.5	-0.2	2.3
2005H1	3.0	3.1	2.9	4.0	2.2	4.4	(2/)	-4.0	2.0	2.9
H2	3.8	4.5	3.4	7.2	0.1	5.7	(2/)	-4.9	-0.7	2.6
2006H1	3.8	5.8	3.7	8.5	-0.8	7.1	(2/)	2.4	-1.3	3.4
H2	2.6	5.8	5.2	8.3	4.7	3.8	(2/)	4.4	0.8	3.5
2007H1	2.5	5.0	5.9	7.7	-1.4	1.4	(2/)	1.1	-1.2	4.3
H2	3.1	4.8	5.1	6.7	0.9	1.5	(2/)	1.8	1.2	5.0
2008H1	4.2	4.9	4.7	5.6	3.2	5.4	(2/)	3.5	2.0	5.1
H2	3.4	3.6	6.7	3.1	-1.0	3.3	3.0	1.8	3.5	5.2
2009H1	-0.6	0.3	5.8	0.8	8.0	-11.0	1.5	0.0	5.0	7.5
H2	-0.1	0.7	1.4	0.0	6.3	-1.7	0.8	-0.1	4.7	8.7
2010H1	2.1	2.5	-0.1	0.9	1.9	11.5	-0.3	0.9	4.1	4.7
H2	1.2	1.7	0.5	0.9	4.5	2.9	-0.6	3.4	5.1	5.5
2011H1	2.8	3.5	2.6	2.9	2.4	6.8	0.2	3.7	3.6	7.0
H2	3.5	4.0	4.4	4.0	1.0	7.0	2.3	1.9	2.3	1.8
2012H1	2.3	2.8	4.5	2.3	2.4	2.1	3.7	2.6	4.1	1.1
H2	1.8	2.0	4.2	1.5	2.9	-0.3	2.6	3.7	3.5	2.0
2013H1	1.5	1.8	3.9	2.0	-2.3	-0.2	2.8	2.6	1.8	1.4
H2	1.4	1.7	2.9	1.3	-1.7	1.8	3.6	2.4	1.3	1.7
2014H1	1.7	1.1	1.0	0.9	-5.9	2.1	1.4	2.5	2.7	0.8
H2	1.5	1.8	3.0	1.8	-7.3	0.7	2.4	2.2	3.1	4.0
2015H1	-0.1	0.7	4.2	1.0	-2.1	-8.6	4.8	0.9	3.1	5.3
H2	0.3	1.3	4.4	0.9	-2.0	-8.0	10.6	2.8	3.0	3.8
2016H1	1.1	2.4	3.3	2.4	0.8	-3.0	9.4	3.4	2.5	2.1

Data on U.S. CPI are released monthly and Honolulu CPI, twice a year in February and August for the half (H) year previous through August 2015. Beginning with the 2nd half and annual average for 2015 data were released in January and will be in January and July henceforth. NA Not available.

1/ New indexes as of January 1998. Base period is December 1997. The former "Entertainment" index has been discontinued.

2/ No data were available or data did not meet U.S. Bureau of Labor Statistics' publication criteria.

Source: U.S. Bureau of Labor Statistics, Consumer Price Index-All Urban Consumers (Current Series) <<http://data.bls.gov/cgi-bin/dsrv>> accessed July 15, 2016, and BLS Honolulu CPI News Releases and <<http://www.bls.gov/ro9/cpihono.htm>> accessed July 15, 2016.

## C. TAX REVENUES

The State general fund tax revenues decreased in the third quarter of 2016 compared to the same quarter of 2015.<sup>1</sup> The Net Corporate Income Tax decreased the most in the quarter, followed by the GET, and the Net Individual Income Tax. The Transient Accommodations Tax (TAT) revenue increased in the quarter.

In the third quarter of 2016, total tax collections distributed to the State general fund totaled \$1,540.0 million, a decrease of \$53.1 million or 3.3 percent over the same quarter of 2015 (Tables C-1 and C-2). In the first three quarters of 2016, State general fund tax revenues were up \$142.7 million or 3.1 percent over the same period last year.

During the third quarter of 2016, GET revenues (excluding the Honolulu County Surcharge) totaled \$801.1 million, a decrease of \$30.0 million or 3.6 percent over the same quarter of 2015 (Table C-3). In the first three quarters of 2016, GET revenues increased \$34.6 million or 1.5 percent from the same period last year.

Compared to the third quarter of 2015, Net Individual Income Tax revenues decreased \$18.4 million or 3.5 percent to \$502.0 million in the third quarter of 2016 (Table C-4). In the third quarter of 2016, Declaration of Estimated Taxes decreased \$44.4 million or 37.0 percent (Table C-5), Payments with Returns increased \$1.4 million or 8.0 percent (Table C-6), Revenues from Withholding Tax on Wages increased \$18.4 million or 4.2 percent (Table C-7), and Refunds decreased \$6.1 million or 11.0 percent (Table C-8). In the first three quarters of 2016, Net Individual Income Tax collections

increased \$44.3 million or 2.9 percent from the same period last year.

Net Corporate Income Tax revenues, which tend to be volatile in nature, decreased \$31.6 million or 63.1 percent in the third quarter of 2016 compared to the same quarter of 2015 (Table C-9). In the third quarter of 2016, the Declaration of Estimated Taxes decreased \$3.8 million or 10.7 percent (Table C-10), the Payment with Returns decreased \$17.4 million or 87.2 percent (Table C-11), and the Refunds increased \$10.4 million or 182.4 percent (Table C-12), compared with the same quarter of 2015. In the first three quarters of 2016, Net Corporate Income Tax revenues decreased \$15.0 million or 22.2 percent from the same period last year.

In the third quarter of 2016, Transient Accommodations Tax (TAT) revenues increased \$34.4 million or 29.8 percent compared to the same quarter of 2015 (Table C-13). In the first three quarters of 2016, TAT revenues increased \$46.1 million or 13.6 percent from the same period last year.

According to the most recent data available, in the second quarter of 2016, the Retailing tax base decreased 8.0 percent or \$633.1 million (Table C-14), the Services tax base decreased 0.6 percent or \$22.6 million (Table C-15), the Contracting tax base increased 6.4 percent or \$128.6 million (Table C-16), and the Hotel Rentals tax base increased 0.8 percent or \$8.8 million (Table C-17), compared to the same quarter of 2015. In the first half of 2016, the contracting tax base increased 1.9 percent or \$72.6 million, the Retailing tax base decreased 10.1 percent or \$1,565.9 million, the Services tax base decreased 4.7 percent or \$322.0 million, and the Hotel Rentals tax base decreased 2.2 percent or \$51.2 million, from the same period of the previous year.

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<sup>1</sup> When interpreting tax figures in conjunction with other quarterly data in this report, it should be kept in mind that the tax data represent collections during the quarter. The transactions on which the taxes were paid did not necessarily take place during the quarter.

**Table C-1. GENERAL FUND TAX REVENUES AND MAJOR COMPONENTS**

Year	General Excise and Use Tax	Net Individual Income Tax 1/	Net Corporate Income Tax 2/	Tax Revenues Distributed to State General Fund	
In Thousands of Dollars					
1990	1,250,204	743,114	86,269	2,246,752	
1991	1,287,818	900,962	70,568	2,397,289	
1992	1,299,814	922,206	42,737	2,523,670	
1993	1,308,797	951,405	22,239	2,555,912	
1994	1,347,945	1,003,479	34,228	2,672,291	
1995	1,386,684	918,811	37,336	2,614,713	
1996	1,469,766	995,456	51,243	2,799,972	
1997	1,433,012	985,000	55,594	2,756,621	
1998	1,436,654	1,093,241	50,112	2,889,291	
1999	1,454,778	1,053,858	47,692	2,841,290	
2000	1,611,446	1,080,371	67,650	3,067,622	
2001	1,660,763	1,100,317	48,269	3,172,250	
2002	1,679,840	1,059,646	55,373	3,116,029	
2003	1,820,498	1,071,360	5,189	3,211,431	
2004	1,991,539	1,235,721	75,171	3,652,686	
2005	2,263,393	1,447,744	132,589	4,252,231	
2006	2,457,379	1,576,674	86,975	4,522,261	
2007	2,623,514	1,579,138	80,014	4,683,086	
2008	2,567,821	1,564,708	76,602	4,608,569	
2009	2,296,288	1,267,602	36,683	4,018,215	
2010	2,379,942	1,375,120	52,815	4,312,342	
2011	2,588,488	1,460,621	19,548	4,662,521	
2012	2,844,741	1,651,212	112,695	5,258,356	
2013	2,907,622	1,745,615	135,338	5,450,600	
2014	2,979,776	1,820,693	65,746	5,535,709	
2015	3,141,489	2,054,098	76,462	5,998,615	
2002	1 Qtr.	395,795	266,388	18,655	761,922
	2 Qtr.	400,462	255,030	25,751	757,798
	3 Qtr.	473,241	266,331	4,267	820,290
	4 Qtr.	410,341	271,897	6,700	776,019
2003	1 Qtr.	455,018	254,081	-25,417	772,047
	2 Qtr.	454,098	245,799	22,712	813,686
	3 Qtr.	473,268	274,363	8,154	819,182
	4 Qtr.	438,113	297,117	-260	806,515
2004	1 Qtr.	506,097	261,760	12,022	874,018
	2 Qtr.	482,899	335,713	36,737	946,670
	3 Qtr.	519,129	325,902	15,156	946,218
	4 Qtr.	483,415	312,346	11,257	885,780
2005	1 Qtr.	579,475	338,591	12,413	1,054,797
	2 Qtr.	554,585	404,642	46,779	1,110,743
	3 Qtr.	579,607	361,900	67,092	1,099,688
	4 Qtr.	549,727	342,612	6,305	987,002
2006	1 Qtr.	638,194	355,719	1,330	1,106,472
	2 Qtr.	587,788	490,365	55,282	1,241,830
	3 Qtr.	605,813	361,508	22,781	1,076,795
	4 Qtr.	625,584	369,081	7,582	1,097,164
2007	1 Qtr.	662,362	341,183	9,136	1,116,467
	2 Qtr.	662,003	488,514	42,336	1,295,154
	3 Qtr.	646,384	379,033	27,297	1,146,614
	4 Qtr.	652,765	370,408	1,245	1,124,851
2008	1 Qtr.	678,489	336,354	14,593	1,138,545
	2 Qtr.	641,149	459,040	41,946	1,231,862
	3 Qtr.	655,075	382,982	17,117	1,161,528
	4 Qtr.	593,107	386,333	2,945	1,076,634
2009	1 Qtr.	589,891	265,502	9,201	954,075
	2 Qtr.	579,506	304,239	24,259	1,010,064
	3 Qtr.	577,836	357,169	12,451	1,051,792
	4 Qtr.	549,055	340,692	-9,229	1,002,283
2010	1 Qtr.	616,777	428,586	18,696	1,192,489
	2 Qtr.	572,766	401,662	37,267	1,117,994
	3 Qtr.	611,575	165,284	1,752	908,912
	4 Qtr.	578,824	379,587	-4,900	1,092,946
2011	1 Qtr.	652,857	289,893	-8,202	1,068,341
	2 Qtr.	652,551	412,388	45,923	1,259,112
	3 Qtr.	655,038	395,424	10,662	1,215,241
	4 Qtr.	628,042	362,916	-28,835	1,119,826
2012	1 Qtr.	711,092	276,663	33,542	1,186,786
	2 Qtr.	703,779	506,048	57,658	1,455,995
	3 Qtr.	738,753	435,471	21,335	1,346,738
	4 Qtr.	691,117	433,030	160	1,268,837
2013	1 Qtr.	757,923	351,323	14,909	1,282,306
	2 Qtr.	756,693	516,183	64,584	1,572,300
	3 Qtr.	698,689	454,022	39,471	1,311,027
	4 Qtr.	694,316	424,087	16,374	1,284,968
2014	1 Qtr.	746,724	346,914	-11,265	1,286,988
	2 Qtr.	740,811	520,787	42,441	1,487,285
	3 Qtr.	754,466	453,178	15,558	1,348,688
	4 Qtr.	737,774	499,814	19,012	1,412,748
2015	1 Qtr.	782,302	464,230	9,632	1,444,563
	2 Qtr.	773,665	570,972	8,118	1,529,142
	3 Qtr.	831,149	520,447	50,082	1,593,064
	4 Qtr.	754,374	498,450	8,630	1,431,846
2016	1 Qtr.	818,316	495,998	-17,278	1,504,155
	3/ 2 Qtr.	802,314	601,965	51,601	1,665,290
	3 Qtr.	801,129	502,031	18,477	1,540,001

1/ Declaration of estimated taxes, plus payments with returns, plus withholding tax on wages, less refunds. Individual income tax rates changed effective January 1, 1999, 2001 and 2002.

2/ Declaration of estimated taxes, plus payments with returns, less refunds.

3/ Revised from previous QSER.

Source: Hawaii State Department of Taxation and <[http://www.hawaii.gov/tax/a5\\_3txcolrpt.htm](http://www.hawaii.gov/tax/a5_3txcolrpt.htm)>.

**Table C-1. GENERAL FUND TAX REVENUES AND MAJOR COMPONENTS - Con.**

Year		General Excise and Use Tax	Net Individual Income Tax 1/	Net Corporate Income Tax 2/	Tax Revenues Distributed to State General Fund
Percentage Change from the Same Period in Previous Year					
1991		3.0	21.2	-18.2	6.7
1992		0.9	2.4	-39.4	5.3
1993		0.7	3.2	-48.0	1.3
1994		3.0	5.5	53.9	4.6
1995		2.9	-8.4	9.1	-2.2
1996		6.0	8.3	37.2	7.1
1997		-2.5	-1.1	8.5	-1.5
1998		0.3	11.0	-9.9	4.8
1999		1.3	-3.6	-4.8	-1.7
2000		10.8	2.5	41.8	8.0
2001		3.1	1.8	-28.6	3.4
2002		1.1	-3.7	14.7	-1.8
2003		8.4	1.1	-90.6	3.1
2004		9.4	15.3	1,348.7	13.7
2005		13.7	17.2	76.4	16.4
2006		8.6	8.9	-34.4	6.4
2007		6.8	0.2	-8.0	3.6
2008		-2.1	-0.9	-4.3	-1.6
2009		-10.6	-19.0	-52.1	-12.8
2010		3.6	8.5	44.0	7.3
2011		8.8	6.2	-63.0	8.1
2012		9.9	13.0	476.5	12.8
2013		2.2	5.7	20.1	3.7
2014		2.5	4.3	-51.4	1.6
2015		5.4	12.8	16.3	8.4
2003	1 Qtr.	15.0	-4.6	(3/)	1.3
	2 Qtr.	13.4	-3.6	-11.8	7.4
	3 Qtr.	0.0	3.0	91.1	-0.1
	4 Qtr.	6.8	9.3	(3/)	3.9
2004	1 Qtr.	11.2	3.0	(3/)	13.2
	2 Qtr.	6.3	36.6	61.7	16.3
	3 Qtr.	9.7	18.8	85.9	15.5
	4 Qtr.	10.3	5.1	(3/)	9.8
2005	1 Qtr.	14.5	29.4	3.2	20.7
	2 Qtr.	14.8	20.5	27.3	17.3
	3 Qtr.	11.6	11.0	342.7	16.2
	4 Qtr.	13.7	9.7	-44.0	11.4
2006	1 Qtr.	10.1	5.1	-89.3	4.9
	2 Qtr.	6.0	21.2	18.2	11.8
	3 Qtr.	4.5	-0.1	-66.0	-2.1
	4 Qtr.	13.8	7.7	20.2	11.2
2007	1 Qtr.	3.8	-4.1	586.7	0.9
	2 Qtr.	12.6	-0.4	-23.4	4.3
	3 Qtr.	6.7	4.8	19.8	6.5
	4 Qtr.	4.3	0.4	-83.6	2.5
2008	1 Qtr.	2.4	-1.4	59.7	2.0
	2 Qtr.	-3.2	-6.0	-0.9	-4.9
	3 Qtr.	1.3	1.0	-37.3	1.3
	4 Qtr.	-9.1	4.3	136.6	-4.3
2009	1 Qtr.	-13.1	-21.1	-36.9	-16.2
	2 Qtr.	-9.6	-33.7	-42.2	-18.0
	3 Qtr.	-11.8	-6.7	-27.3	-9.4
	4 Qtr.	-7.4	-11.8	(3/)	-6.9
2010	1 Qtr.	4.6	61.4	103.2	25.0
	2 Qtr.	-1.2	32.0	53.6	10.7
	3 Qtr.	5.8	-53.7	-85.9	-13.6
	4 Qtr.	5.4	11.4	(3/)	9.0
2011	1 Qtr.	5.8	-32.4	(3/)	-10.4
	2 Qtr.	13.9	2.7	23.2	12.6
	3 Qtr.	7.1	139.2	508.6	33.7
	4 Qtr.	8.5	-4.4	(3/)	2.5
2012	1 Qtr.	8.9	-4.6	(3/)	11.1
	2 Qtr.	7.9	22.7	25.6	15.6
	3 Qtr.	12.8	10.1	100.1	10.8
	4 Qtr.	10.0	19.3	(3/)	13.3
2013	1 Qtr.	6.6	27.0	-55.6	8.0
	2 Qtr.	7.5	2.0	12.0	8.0
	3 Qtr.	-5.4	4.3	85.0	-2.7
	4 Qtr.	0.5	-2.1	10,135.3	1.3
2014	1 Qtr.	-1.5	-1.3	-175.6	0.4
	2 Qtr.	-2.1	0.9	-34.3	-5.4
	3 Qtr.	8.0	-0.2	-60.6	2.9
	4 Qtr.	6.3	17.9	(3/)	9.9
2015	1 Qtr.	4.8	33.8	(3/)	12.2
	2 Qtr.	4.4	9.6	-80.9	2.8
	3 Qtr.	10.2	14.8	221.9	18.1
	4 Qtr.	2.3	-0.3	-54.6	1.4
2016	1 Qtr.	4.6	6.8	(3/)	4.1
4/	2 Qtr.	3.7	5.4	535.7	8.9
	3 Qtr.	-3.6	-3.5	-63.1	-3.3

1/ Declaration of estimated taxes, plus payments with returns, plus withholding tax on wages, less refunds.

Individual income tax rates changed effective January 1, 1999, 2001 and 2002.

2/ Declaration of estimated taxes, plus payments with returns, less refunds.

3/ Percentage changes involving negative values not meaningful.

4/ Revised from previous QSER.

Source: Hawaii State Department of Taxation and <[http://www.hawaii.gov/tax/a5\\_3txcolrpt.htm](http://www.hawaii.gov/tax/a5_3txcolrpt.htm)>.

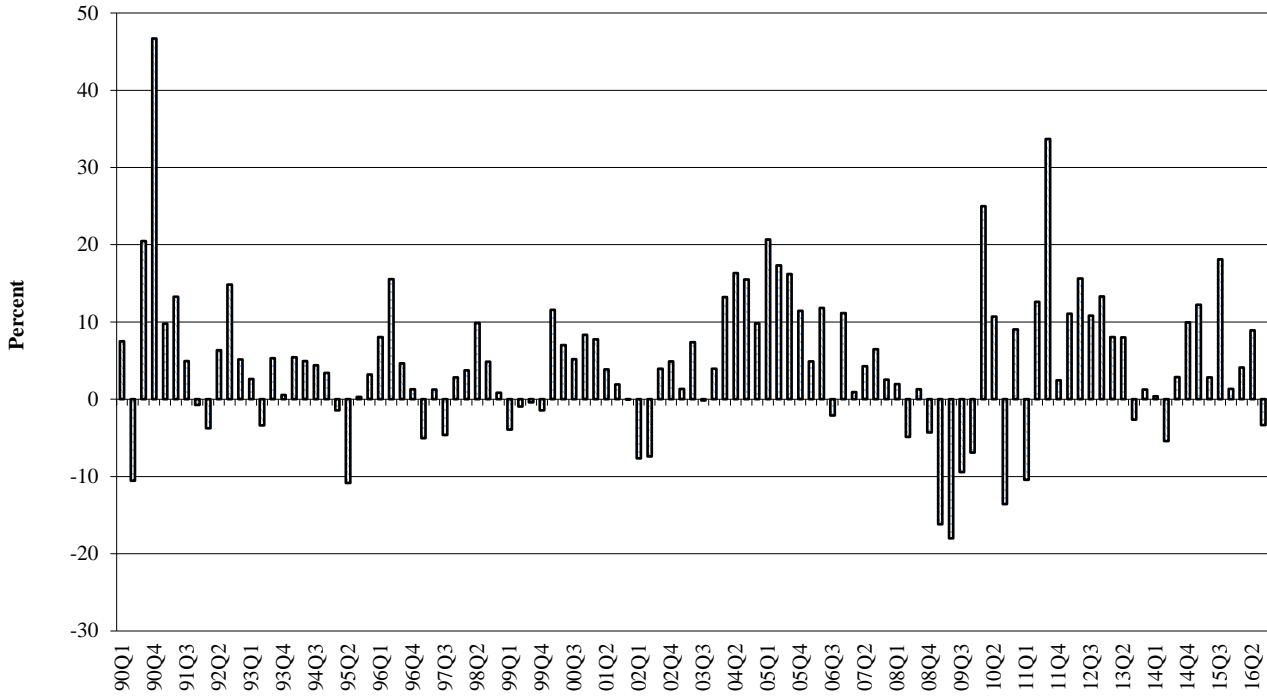
**Table C-2. STATE GENERAL FUND TAX REVENUES**

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	Annual
In Thousands of Dollars					
1982	248,406	219,138	284,382	259,539	1,011,465
1983	267,915	270,679	295,506	275,775	1,109,876
1984	293,272	313,706	317,326	316,049	1,240,352
1985	315,085	344,413	344,675	321,618	1,325,791
1986	347,122	393,178	377,598	368,586	1,486,484
1987	400,595	461,147	430,015	438,903	1,730,661
1988	466,092	514,559	483,626	484,896	1,949,173
1989	554,241	593,091	441,009	401,572	1,989,914
1990	595,970	530,495	531,249	589,038	2,246,752
1991	654,222	600,830	557,568	584,670	2,397,289
1992	629,722	638,901	640,253	614,794	2,523,670
1993	646,216	617,400	674,236	618,060	2,555,912
1994	681,253	647,987	703,935	639,117	2,672,291
1995	671,365	577,803	705,999	659,548	2,614,713
1996	725,284	667,712	738,963	668,014	2,799,972
1997	688,683	676,222	704,749	686,967	2,756,621
1998	714,466	743,003	738,957	692,866	2,889,291
1999	686,437	735,905	735,969	682,978	2,841,290
2000	765,790	787,612	774,265	739,955	3,067,622
2001	825,236	818,204	789,090	739,719	3,172,250
2002	761,922	757,798	820,290	776,019	3,116,029
2003	772,047	813,686	819,182	806,515	3,211,431
2004	874,018	946,670	946,218	885,780	3,652,686
2005	1,054,797	1,110,743	1,099,688	987,002	4,252,231
2006	1,106,472	1,241,830	1,076,795	1,097,164	4,522,261
2007	1,116,467	1,295,154	1,146,614	1,124,851	4,683,086
2008	1,138,545	1,231,862	1,161,528	1,076,634	4,608,569
2009	954,075	1,010,064	1,051,792	1,002,283	4,018,215
2010	1,192,489	1,117,994	908,912	1,092,946	4,312,342
2011	1,068,341	1,259,112	1,215,241	1,119,826	4,662,521
2012	1,186,786	1,455,995	1,346,738	1,268,837	5,258,356
2013	1,282,306	1,572,300	1,311,027	1,284,968	5,450,600
2014	1,286,988	1,487,285	1,348,688	1,412,748	5,535,709
2015	1,444,563	1,529,142	1,593,064	1,431,846	5,998,615
2016 1/	1,504,155	1,665,290	1,540,001	Year to date	4,709,447
Percentage Change from the Same Period in Previous Year					
1983	7.9	23.5	3.9	6.3	9.7
1984	9.5	15.9	7.4	14.6	11.8
1985	7.4	9.8	8.6	1.8	6.9
1986	10.2	14.2	9.6	14.6	12.1
1987	15.4	17.3	13.9	19.1	16.4
1988	16.4	11.6	12.5	10.5	12.6
1989	18.9	15.3	-8.8	-17.2	2.1
1990	7.5	-10.6	20.5	46.7	12.9
1991	9.8	13.3	5.0	-0.7	6.7
1992	-3.7	6.3	14.8	5.2	5.3
1993	2.6	-3.4	5.3	0.5	1.3
1994	5.4	5.0	4.4	3.4	4.6
1995	-1.5	-10.8	0.3	3.2	-2.2
1996	8.0	15.6	4.7	1.3	7.1
1997	-5.0	1.3	-4.6	2.8	-1.5
1998	3.7	9.9	4.9	0.9	4.8
1999	-3.9	-1.0	-0.4	-1.4	-1.7
2000	11.6	7.0	5.2	8.3	8.0
2001	7.8	3.9	1.9	0.0	3.4
2002	-7.7	-7.4	4.0	4.9	-1.8
2003	1.3	7.4	-0.1	3.9	3.1
2004	13.2	16.3	15.5	9.8	13.7
2005	20.7	17.3	16.2	11.4	16.4
2006	4.9	11.8	-2.1	11.2	6.4
2007	0.9	4.3	6.5	2.5	3.6
2008	2.0	-4.9	1.3	-4.3	-1.6
2009	-16.2	-18.0	-9.4	-6.9	-12.8
2010	25.0	10.7	-13.6	9.0	7.3
2011	-10.4	12.6	33.7	2.5	8.1
2012	11.1	15.6	10.8	13.3	12.8
2013	8.0	8.0	-2.7	1.3	3.7
2014	0.4	-5.4	2.9	9.9	1.6
2015	12.2	2.8	18.1	1.4	8.4
2016 1/	4.1	8.9	-3.3	Year to date	3.1

1/ Q2 revised from previous QSER.

Source: Hawaii State Department of Taxation and <[http://www.hawaii.gov/tax/a5\\_3txcolrpt.htm](http://www.hawaii.gov/tax/a5_3txcolrpt.htm)>.

**Figure 3. Annual Growth in General Fund Revenue**  
 [percentage change from same period in previous year]



Source: Table C-2. State General Tax Revenues.

**Table C-3. GENERAL EXCISE & USE TAX REVENUES**

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	Annual
In Thousands of Dollars					
1982	141,147	147,532	151,149	134,763	574,591
1983	155,780	159,436	151,498	148,822	615,536
1984	165,120	173,806	165,634	165,245	669,805
1985	174,055	178,697	176,769	177,860	707,381
1986	192,020	200,047	198,275	187,620	777,961
1987	216,698	214,933	219,312	218,096	869,039
1988	240,506	241,951	241,340	242,153	965,952
1989	270,801	270,683	272,645	282,347	1,096,476
1990	313,129	308,567	314,328	314,180	1,250,204
1991	345,988	304,240	335,721	301,869	1,287,818
1992	338,289	318,844	325,339	317,342	1,299,814
1993	332,689	327,549	332,661	315,898	1,308,797
1994	353,369	330,321	345,772	318,484	1,347,945
1995	363,101	335,906	348,033	339,643	1,386,684
1996	386,709	357,416	379,032	346,610	1,469,766
1997	365,069	366,563	356,533	344,846	1,433,012
1998	375,018	348,955	360,313	352,368	1,436,654
1999	369,292	365,306	372,436	347,745	1,454,778
2000	422,221	393,873	400,698	394,653	1,611,446
2001	436,888	407,800	406,543	409,533	1,660,763
2002	395,795	400,462	473,241	410,341	1,679,840
2003	455,018	454,098	473,268	438,113	1,820,498
2004	506,097	482,899	519,129	483,415	1,991,539
2005	579,475	554,585	579,607	549,727	2,263,393
2006	638,194	587,788	605,813	625,584	2,457,379
2007	662,362	662,003	646,384	652,765	2,623,514
2008	678,489	641,149	655,075	593,107	2,567,821
2009	589,891	579,506	577,836	549,055	2,296,288
2010	616,777	572,766	611,575	578,824	2,379,942
2011	652,857	652,551	655,038	628,042	2,588,488
2012	711,092	703,779	738,753	691,117	2,844,741
2013	757,923	756,693	698,689	694,316	2,907,622
2014	746,724	740,811	754,466	737,774	2,979,776
2015	782,302	773,665	831,149	754,374	3,141,489
2016 1/	818,316	802,314	801,129	Year to date	2,421,760
Percentage Change from the Same Period in Previous Year					
1983	10.4	8.1	0.2	10.4	7.1
1984	6.0	9.0	9.3	11.0	8.8
1985	5.4	2.8	6.7	7.6	5.6
1986	10.3	11.9	12.2	5.5	10.0
1987	12.9	7.4	10.6	16.2	11.7
1988	11.0	12.6	10.0	11.0	11.2
1989	12.6	11.9	13.0	16.6	13.5
1990	15.6	14.0	15.3	11.3	14.0
1991	10.5	-1.4	6.8	-3.9	3.0
1992	-2.2	4.8	-3.1	5.1	0.9
1993	-1.7	2.7	2.3	-0.5	0.7
1994	6.2	0.8	3.9	0.8	3.0
1995	2.8	1.7	0.7	6.6	2.9
1996	6.5	6.4	8.9	2.1	6.0
1997	-5.6	2.6	-5.9	-0.5	-2.5
1998	2.7	-4.8	1.1	2.2	0.3
1999	-1.5	4.7	3.4	-1.3	1.3
2000	14.3	7.8	7.6	13.5	10.8
2001	3.5	3.5	1.5	3.8	3.1
2002	-9.4	-1.8	16.4	0.2	1.1
2003	15.0	13.4	0.0	6.8	8.4
2004	11.2	6.3	9.7	10.3	9.4
2005	14.5	14.8	11.6	13.7	13.7
2006	10.1	6.0	4.5	13.8	8.6
2007	3.8	12.6	6.7	4.3	6.8
2008	2.4	-3.2	1.3	-9.1	-2.1
2009	-13.1	-9.6	-11.8	-7.4	-10.6
2010	4.6	-1.2	5.8	5.4	3.6
2011	5.8	13.9	7.1	8.5	8.8
2012	8.9	7.9	12.8	10.0	9.9
2013	6.6	7.5	-5.4	0.5	2.2
2014	-1.5	-2.1	8.0	6.3	2.5
2015	4.8	4.4	10.2	2.3	5.4
2016 1/	4.6	3.7	-3.6	Year to date	1.5

1/ Q2 revised from previous QSER.  
 Manufactured goods shipped out of state have been exempted from the general excise tax by Act 239, SLH 1987, effective January 1, 1988.  
 Source: Hawaii State Department of Taxation and <[http://www.hawaii.gov/tax/a5\\_3txcolrpt.htm](http://www.hawaii.gov/tax/a5_3txcolrpt.htm)>.

**Table C-4. NET INDIVIDUAL INCOME TAX REVENUES**

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	Annual
In Thousands of Dollars					
1982	85,998	12,566	98,191	102,059	298,814
1983	94,527	54,183	107,922	102,844	359,476
1984	112,154	81,345	111,966	108,421	413,885
1985	108,567	100,301	125,692	115,999	450,559
1986	125,668	99,847	129,120	135,552	490,187
1987	134,393	143,625	138,773	157,936	574,727
1988	159,295	170,005	168,975	182,516	680,790
1989	205,046	211,019	176,720	209,181	801,966
1990	201,606	107,591	215,990	217,927	743,114
1991	252,599	186,218	240,436	221,709	900,962
1992	228,846	215,991	244,012	233,357	922,206
1993	233,868	211,674	262,953	242,909	951,405
1994	236,377	220,304	281,470	265,328	1,003,479
1995	224,594	154,311	277,058	262,848	918,811
1996	242,252	217,770	276,896	258,539	995,456
1997	227,409	213,468	269,597	274,526	985,000
1998	247,815	291,713	283,430	270,283	1,093,241
1999	238,606	276,392	277,965	260,895	1,053,858
2000	247,129	278,567	285,983	268,692	1,080,371
2001	265,834	284,311	289,423	260,749	1,100,317
2002	266,388	255,030	266,331	271,897	1,059,646
2003	254,081	245,799	274,363	297,117	1,071,360
2004	261,760	335,713	325,902	312,346	1,235,721
2005	338,591	404,642	361,900	342,612	1,447,744
2006	355,719	490,365	361,508	369,081	1,576,674
2007	341,183	488,514	379,033	370,408	1,579,138
2008	336,354	459,040	382,982	386,333	1,564,708
2009	265,502	304,239	357,169	340,692	1,267,602
2010	428,586	401,662	165,284	379,587	1,375,120
2011	289,893	412,388	395,424	362,916	1,460,621
2012	276,663	506,048	435,471	433,030	1,651,212
2013	351,323	516,183	454,022	424,087	1,745,615
2014	346,914	520,787	453,178	499,814	1,820,693
2015	464,230	570,972	520,447	498,450	2,054,098
2016 1/	495,998	601,965	502,031	Year to date	1,599,994
Percentage Change from the Same Period in Previous Year					
1983	9.9	331.2	9.9	0.8	20.3
1984	18.6	50.1	3.7	5.4	15.1
1985	-3.2	23.3	12.3	7.0	8.9
1986	15.8	-0.5	2.7	16.9	8.8
1987	6.9	43.8	7.5	16.5	17.2
1988	18.5	18.4	21.8	15.6	18.5
1989	28.7	24.1	4.6	14.6	17.8
1990	-1.7	-49.0	22.2	4.2	-7.3
1991	25.3	73.1	11.3	1.7	21.2
1992	-9.4	16.0	1.5	5.3	2.4
1993	2.2	-2.0	7.8	4.1	3.2
1994	1.1	4.1	7.0	9.2	5.5
1995	-5.0	-30.0	-1.6	-0.9	-8.4
1996	7.9	41.1	-0.1	-1.6	8.3
1997	-6.1	-2.0	-2.6	6.2	-1.1
1998	9.0	36.7	5.1	-1.5	11.0
1999	-3.7	-5.3	-1.9	-3.5	-3.6
2000	3.6	0.8	2.9	3.0	2.5
2001	7.6	2.1	1.2	-3.0	1.8
2002	0.2	-10.3	-8.0	4.3	-3.7
2003	-4.6	-3.6	3.0	9.3	1.1
2004	3.0	36.6	18.8	5.1	15.3
2005	29.4	20.5	11.0	9.7	17.2
2006	5.1	21.2	-0.1	7.7	8.9
2007	-4.1	-0.4	4.8	0.4	0.2
2008	-1.4	-6.0	1.0	4.3	-0.9
2009	-21.1	-33.7	-6.7	-11.8	-19.0
2010	61.4	32.0	-53.7	11.4	8.5
2011	-32.4	2.7	139.2	-4.4	6.2
2012	-4.6	22.7	10.1	19.3	13.0
2013	27.0	2.0	4.3	-2.1	5.7
2014	-1.3	0.9	-0.2	17.9	4.3
2015	33.8	9.6	14.8	-0.3	12.8
2016 1/	6.8	5.4	-3.5	Year to date	2.9

1/ Q2 revised from previous QSER.  
 Net Individual Income tax includes declaration of estimated taxes plus payments with returns plus withholding tax on wages less refunds.  
 Source: Hawaii State Department of Taxation and <[http://www.hawaii.gov/tax/a5\\_3txcolrpt.htm](http://www.hawaii.gov/tax/a5_3txcolrpt.htm)>.



**Table C-5. DECLARATION OF ESTIMATED TAXES - INDIVIDUAL**

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	Annual
In Thousands of Dollars					
1982	10,662	15,533	8,515	4,669	39,379
1983	10,618	16,827	8,374	5,895	41,713
1984	11,135	19,527	9,844	6,048	46,555
1985	13,054	24,046	11,262	4,606	52,969
1986	18,072	24,902	10,270	11,276	64,520
1987	24,231	36,322	11,000	17,991	89,544
1988	32,825	46,532	19,783	20,040	119,180
1989	54,823	60,432	22,282	24,566	162,104
1990	54,441	54,768	31,377	29,780	170,366
1991	83,829	72,867	36,623	22,118	215,437
1992	49,738	68,535	31,351	17,657	167,281
1993	48,738	59,889	40,904	17,164	166,694
1994	46,629	60,087	31,385	16,766	154,867
1995	34,625	56,884	28,113	16,929	136,552
1996	35,618	63,964	30,363	21,420	151,365
1997	39,376	69,322	32,743	24,806	166,247
1998	41,013	83,620	40,061	29,539	194,233
1999	40,633	88,883	42,225	25,301	197,042
2000	58,812	90,171	42,780	26,298	218,061
2001	55,467	97,989	41,144	25,356	219,956
2002	57,223	75,652	37,421	25,121	195,417
2003	46,307	64,396	30,037	34,607	175,347
2004	57,186	114,939	56,255	36,491	264,871
2005	84,512	155,550	75,850	41,219	357,131
2006	96,491	213,304	66,214	50,670	426,679
2007	97,956	213,915	70,039	58,609	440,518
2008	101,818	199,732	63,003	32,882	397,434
2009	60,701	105,954	46,047	22,807	235,509
2010	60,678	127,797	25,123	36,794	250,392
2011	80,939	158,621	53,153	29,689	322,401
2012	69,104	212,524	69,243	44,505	395,376
2013	93,034	260,153	94,414	34,665	482,267
2014	101,955	214,397	68,310	64,723	449,385
2015	116,530	248,855	119,875	69,928	555,188
2016 1/	124,311	244,555	75,506	Year to date	444,371
Percentage Change from the Same Period in Previous Year					
1983	-0.4	8.3	-1.7	26.3	5.9
1984	4.9	16.0	17.6	2.6	11.6
1985	17.2	23.1	14.4	-23.8	13.8
1986	38.4	3.6	-8.8	144.8	21.8
1987	34.1	45.9	7.1	59.6	38.8
1988	35.5	28.1	79.8	11.4	33.1
1989	67.0	29.9	12.6	22.6	36.0
1990	-0.7	-9.4	40.8	21.2	5.1
1991	54.0	33.0	16.7	-25.7	26.5
1992	-40.7	-5.9	-14.4	-20.2	-22.4
1993	-2.0	-12.6	30.5	-2.8	-0.4
1994	-4.3	0.3	-23.3	-2.3	-7.1
1995	-25.7	-5.3	-10.4	1.0	-11.8
1996	2.9	12.4	8.0	26.5	10.8
1997	10.6	8.4	7.8	15.8	9.8
1998	4.2	20.6	22.3	19.1	16.8
1999	-0.9	6.3	5.4	-14.3	1.4
2000	44.7	1.4	1.3	3.9	10.7
2001	-5.7	8.7	-3.8	-3.6	0.9
2002	3.2	-22.8	-9.1	-0.9	-11.2
2003	-19.1	-14.9	-19.7	37.8	-10.3
2004	23.5	78.5	87.3	5.4	51.1
2005	47.8	35.3	34.8	13.0	34.8
2006	14.2	37.1	-12.7	22.9	19.5
2007	1.5	0.3	5.8	15.7	3.2
2008	3.9	-6.6	-10.0	-43.9	-9.8
2009	-40.4	-47.0	-26.9	-30.6	-40.7
2010	0.0	20.6	-45.4	61.3	6.3
2011	33.4	24.1	111.6	-19.3	28.8
2012	-14.6	34.0	30.3	49.9	22.6
2013	34.6	22.4	36.4	-22.1	22.0
2014	9.6	-17.6	-27.6	86.7	-6.8
2015	14.3	16.1	75.5	8.0	23.5
2016 1/	6.7	-1.7	-37.0	Year to date	-8.4

1/ Q2 revised from previous QSER.

Source: Hawaii State Department of Taxation and <[http://www.hawaii.gov/tax/a5\\_3txcolrpt.htm](http://www.hawaii.gov/tax/a5_3txcolrpt.htm)>.

**Table C-6. PAYMENT WITH RETURNS - INDIVIDUAL**

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	Annual
In Thousands of Dollars					
1982	3,124	20,064	1,572	1,224	25,984
1983	4,293	19,810	2,317	2,493	28,914
1984	4,545	24,776	2,671	2,792	34,784
1985	4,804	30,817	3,397	1,791	40,810
1986	3,381	32,043	4,365	3,256	43,046
1987	5,798	40,987	5,304	4,677	56,766
1988	7,483	47,588	7,327	5,765	68,163
1989	6,877	59,173	7,112	7,410	80,572
1990	6,756	50,732	8,199	7,647	73,334
1991	5,705	66,503	9,113	7,424	88,744
1992	9,151	58,339	7,405	7,033	81,928
1993	7,809	52,486	8,956	6,861	76,112
1994	9,388	44,085	7,194	7,849	68,517
1995	9,613	35,705	6,645	7,610	59,573
1996	8,725	43,125	7,072	7,452	66,374
1997	8,594	47,163	7,039	10,585	73,381
1998	10,673	65,897	9,645	7,731	93,947
1999	12,575	65,967	8,615	8,158	95,315
2000	10,645	64,651	9,596	8,747	93,639
2001	11,075	75,310	8,373	8,960	103,719
2002	16,571	77,080	8,196	7,867	109,713
2003	4,045	44,089	-17	13,231	61,347
2004	14,706	92,622	13,991	15,122	136,441
2005	17,867	105,939	20,867	22,669	167,342
2006	26,978	140,115	18,372	31,454	216,919
2007	66,773	113,364	15,933	17,124	213,194
2008	13,686	132,466	15,626	23,925	185,703
2009	16,097	79,707	29,250	40,052	165,106
2010	18,044	70,480	14,268	24,929	127,720
2011	17,711	80,847	10,306	19,069	127,932
2012	15,714	84,582	13,088	21,552	134,935
2013	12,448	102,190	13,723	28,018	156,379
2014	15,988	95,920	16,883	25,735	154,526
2015	19,877	118,647	18,206	32,414	189,143
2016 1/	22,260	126,147	19,655	Year to date	168,062
Percentage Change from the Same Period in Previous Year					
1983	37.4	-1.3	47.4	103.7	11.3
1984	5.8	25.1	15.3	12.0	20.3
1985	5.7	24.4	27.2	-35.8	17.3
1986	-29.6	4.0	28.5	81.8	5.5
1987	71.5	27.9	21.5	43.6	31.9
1988	29.1	16.1	38.1	23.3	20.1
1989	-8.1	24.3	-2.9	28.5	18.2
1990	-1.8	-14.3	15.3	3.2	-9.0
1991	-15.5	31.1	11.1	-2.9	21.0
1992	60.4	-12.3	-18.7	-5.3	-7.7
1993	-14.7	-10.0	20.9	-2.4	-7.1
1994	20.2	-16.0	-19.7	14.4	-10.0
1995	2.4	-19.0	-7.6	-3.1	-13.1
1996	-9.2	20.8	6.4	-2.1	11.4
1997	-1.5	9.4	-0.5	42.0	10.6
1998	24.2	39.7	37.0	-27.0	28.0
1999	17.8	0.1	-10.7	5.5	1.5
2000	-15.4	-2.0	11.4	7.2	-1.8
2001	4.0	16.5	-12.7	2.4	10.8
2002	49.6	2.4	-2.1	-12.2	5.8
2003	-75.6	-42.8	(2/)	68.2	-44.1
2004	263.6	110.1	(2/)	14.3	122.4
2005	21.5	14.4	49.1	49.9	22.6
2006	51.0	32.3	-12.0	38.8	29.6
2007	147.5	-19.1	-13.3	-45.6	-1.7
2008	-79.5	16.8	-1.9	39.7	-12.9
2009	17.6	-39.8	87.2	67.4	-11.1
2010	12.1	-11.6	-51.2	-37.8	-22.6
2011	-1.8	14.7	-27.8	-23.5	0.2
2012	-11.3	4.6	27.0	13.0	5.5
2013	-20.8	20.8	4.9	30.0	15.9
2014	28.4	-6.1	23.0	-8.1	-1.2
2015	24.3	23.7	7.8	26.0	22.4
2016 1/	12.0	6.3	8.0	Year to date	7.2

1/ Q2 revised from previous QSER.

2/ Percentage change involving negative values not meaningful.

Source: Hawaii State Department of Taxation and <[http://www.hawaii.gov/tax/a5\\_3txcolrpt.htm](http://www.hawaii.gov/tax/a5_3txcolrpt.htm)>.

**Table C-7. WITHHOLDING TAX ON WAGES - INDIVIDUAL**

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	Annual
In Thousands of Dollars					
1982	94,279	82,909	97,494	97,677	372,359
1983	103,313	97,717	105,636	96,360	403,025
1984	112,647	104,792	111,812	102,881	432,132
1985	114,606	111,848	118,662	113,646	458,763
1986	121,509	118,875	126,057	126,628	493,069
1987	134,033	133,524	135,160	140,521	543,239
1988	155,432	151,872	154,805	163,618	625,727
1989	180,767	174,513	174,237	187,230	716,747
1990	197,928	191,244	198,960	195,611	783,743
1991	227,136	205,838	221,287	215,702	869,962
1992	238,334	220,440	226,698	223,665	909,136
1993	255,001	230,927	233,087	230,764	949,779
1994	267,685	250,469	261,194	253,143	1,032,491
1995	277,740	254,134	266,301	253,661	1,051,836
1996	275,532	263,054	261,439	245,463	1,045,488
1997	260,823	244,151	247,865	253,504	1,006,343
1998	266,564	259,812	249,448	251,042	1,026,866
1999	257,327	234,529	242,458	242,843	977,157
2000	256,249	250,020	252,605	252,899	1,011,772
2001	269,733	247,723	259,321	248,574	1,025,351
2002	263,733	255,403	251,737	253,623	1,024,498
2003	280,874	259,948	266,017	266,842	1,073,681
2004	291,814	276,370	283,007	291,825	1,143,016
2005	349,489	285,420	302,274	311,439	1,248,622
2006	315,340	300,964	318,924	328,862	1,264,090
2007	302,253	329,610	330,102	350,484	1,312,449
2008	365,291	324,976	342,584	366,702	1,399,554
2009	346,959	342,393	330,818	327,396	1,347,566
2010	360,742	336,081	341,635	351,301	1,389,759
2011	363,193	362,028	359,267	364,262	1,448,750
2012	375,629	360,611	376,985	395,651	1,508,876
2013	402,762	386,928	388,840	404,942	1,583,472
2014	425,352	405,860	412,937	439,693	1,683,842
2015	435,563	440,317	438,402	442,605	1,756,888
2016 1/	469,338	459,509	456,758	Year to date	1,385,606
Percentage Change from the Same Period in Previous Year					
1983	9.6	17.9	8.4	-1.3	8.2
1984	9.0	7.2	5.8	6.8	7.2
1985	1.7	6.7	6.1	10.5	6.2
1986	6.0	6.3	6.2	11.4	7.5
1987	10.3	12.3	7.2	11.0	10.2
1988	16.0	13.7	14.5	16.4	15.2
1989	16.3	14.9	12.6	14.4	14.5
1990	9.5	9.6	14.2	4.5	9.3
1991	14.8	7.6	11.2	10.3	11.0
1992	4.9	7.1	2.4	3.7	4.5
1993	7.0	4.8	2.8	3.2	4.5
1994	5.0	8.5	12.1	9.7	8.7
1995	3.8	1.5	2.0	0.2	1.9
1996	-0.8	3.5	-1.8	-3.2	-0.6
1997	-5.3	-7.2	-5.2	3.3	-3.7
1998	2.2	6.4	0.6	-1.0	2.0
1999	-3.5	-9.7	-2.8	-3.3	-4.8
2000	-0.4	6.6	4.2	4.1	3.5
2001	5.3	-0.9	2.7	-1.7	1.3
2002	-2.2	3.1	-2.9	2.0	-0.1
2003	6.5	1.8	5.7	5.2	4.8
2004	3.9	6.3	6.4	9.4	6.5
2005	19.8	3.3	6.8	6.7	9.2
2006	-9.8	5.4	5.5	5.6	1.2
2007	-4.2	9.5	3.5	6.6	3.8
2008	20.9	-1.4	3.8	4.6	6.6
2009	-5.0	5.4	-3.4	-10.7	-3.7
2010	4.0	-1.8	3.3	7.3	3.1
2011	0.7	7.7	5.2	3.7	4.2
2012	3.4	-0.4	4.9	8.6	4.2
2013	7.2	7.3	3.1	2.3	4.9
2014	5.6	4.9	6.2	8.6	6.3
2015	2.4	8.5	6.2	0.7	4.3
2016 1/	7.8	4.4	4.2	Year to date	5.4

1/ Q2 revised from previous QSER.

Source: Hawaii State Department of Taxation and <[http://www.hawaii.gov/tax/a5\\_3txcolrpt.htm](http://www.hawaii.gov/tax/a5_3txcolrpt.htm)>.

**Table C-8. REFUNDS - INDIVIDUAL**

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	Annual
In Thousands of Dollars					
1982	22,394	105,940	9,390	3,240	140,964
1983	23,912	80,171	8,405	3,092	115,580
1984	16,173	67,750	12,361	3,300	99,585
1985	23,898	66,411	7,630	4,045	101,983
1986	17,294	75,973	11,572	5,608	110,447
1987	29,669	67,208	12,692	5,253	114,821
1988	36,446	75,988	12,940	6,907	132,281
1989	37,421	83,099	26,911	10,025	157,456
1990	57,520	189,153	22,546	15,110	284,329
1991	64,072	158,990	26,586	23,534	273,182
1992	68,377	131,323	21,442	14,998	236,140
1993	77,680	131,627	19,994	11,879	241,180
1994	87,326	134,337	18,303	12,430	252,396
1995	97,385	192,411	24,001	15,352	329,150
1996	77,623	152,372	21,979	15,796	267,771
1997	81,384	147,168	18,050	14,370	260,971
1998	70,436	117,616	15,724	18,029	221,805
1999	71,929	112,987	15,334	15,407	215,656
2000	78,576	126,275	18,999	19,252	243,101
2001	70,442	136,711	19,415	22,141	248,709
2002	71,139	153,105	31,023	14,715	269,982
2003	77,145	122,634	21,674	17,563	239,016
2004	101,946	148,218	27,351	31,092	308,607
2005	113,276	142,267	37,092	32,715	325,350
2006	83,091	164,018	42,001	41,905	331,015
2007	125,799	168,375	37,040	55,809	387,024
2008	144,441	198,134	38,231	37,176	417,982
2009	158,255	223,816	48,946	49,563	480,579
2010	10,878	132,696	215,741	33,437	392,751
2011	171,949	189,107	27,302	50,104	438,463
2012	183,785	151,668	23,845	28,678	387,976
2013	156,920	233,088	42,956	43,538	476,503
2014	196,381	195,390	44,952	30,337	467,060
2015	107,740	236,847	56,037	46,497	447,121
2016 1/	119,911	228,246	49,888	Year to date	398,045
Percentage Change from the Same Period in Previous Year					
1983	6.8	-24.3	-10.5	-4.6	-18.0
1984	-32.4	-15.5	47.1	6.7	-13.8
1985	47.8	-2.0	-38.3	22.6	2.4
1986	-27.6	14.4	51.7	38.6	8.3
1987	71.6	-11.5	9.7	-6.3	4.0
1988	22.8	13.1	2.0	31.5	15.2
1989	2.7	9.4	108.0	45.1	19.0
1990	53.7	127.6	-16.2	50.7	80.6
1991	11.4	-15.9	17.9	55.7	-3.9
1992	6.7	-17.4	-19.3	-36.3	-13.6
1993	13.6	0.2	-6.8	-20.8	2.1
1994	12.4	2.1	-8.5	4.6	4.7
1995	11.5	43.2	31.1	23.5	30.4
1996	-20.3	-20.8	-8.4	2.9	-18.6
1997	4.8	-3.4	-17.9	-9.0	-2.5
1998	-13.5	-20.1	-12.9	25.5	-15.0
1999	2.1	-3.9	-2.5	-14.5	-2.8
2000	9.2	11.8	23.9	25.0	12.7
2001	-10.4	8.3	2.2	15.0	2.3
2002	1.0	12.0	59.8	-33.5	8.6
2003	8.4	-19.9	-30.1	19.4	-11.5
2004	32.1	20.9	26.2	77.0	29.1
2005	11.1	-4.0	35.6	5.2	5.4
2006	-26.6	15.3	13.2	28.1	1.7
2007	51.4	2.7	-11.8	33.2	16.9
2008	14.8	17.7	3.2	-33.4	8.0
2009	9.6	13.0	28.0	33.3	15.0
2010	-93.1	-40.7	340.8	-32.5	-18.3
2011	1,480.7	42.5	-87.3	49.8	11.6
2012	6.9	-19.8	-12.7	-42.8	-11.5
2013	-14.6	53.7	80.1	51.8	22.8
2014	25.1	-16.2	4.6	-30.3	-2.0
2015	-45.1	21.2	24.7	53.3	-4.3
2016 1/	11.3	-3.6	-11.0	Year to date	-0.6

1/ Q2 revised from previous QSER.

Source: Hawaii State Department of Taxation and <[http://www.hawaii.gov/tax/a5\\_3txcolrpt.htm](http://www.hawaii.gov/tax/a5_3txcolrpt.htm)>.

**Table C-9. NET CORPORATE INCOME TAX REVENUES**

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	Annual
In Thousands of Dollars					
1982	10,512	15,604	7,294	1,373	34,784
1983	6,455	9,343	11,331	831	27,960
1984	9,588	14,681	10,437	4,975	39,681
1985	7,521	21,903	11,552	3,097	44,074
1986	7,783	17,157	14,902	6,376	46,217
1987	13,646	26,593	17,857	9,176	67,272
1988	18,135	20,850	16,226	7,883	63,094
1989	23,553	24,709	18,757	5,690	72,710
1990	22,507	27,904	29,076	6,783	86,269
1991	23,720	36,369	11,090	-611	70,568
1992	17,439	15,863	11,156	-1,722	42,737
1993	6,535	13,374	13,514	-11,184	22,239
1994	10,452	26,213	9,133	-11,571	34,228
1995	12,869	19,818	12,030	-7,380	37,336
1996	15,451	28,338	9,910	-2,456	51,243
1997	18,055	32,330	10,594	-5,386	55,594
1998	10,592	30,408	15,479	-6,368	50,112
1999	7,428	26,104	14,119	41	47,692
2000	17,358	36,696	9,985	3,610	67,650
2001	17,933	29,265	11,224	-10,152	48,269
2002	18,655	25,751	4,267	6,700	55,373
2003	-25,417	22,712	8,154	-260	5,189
2004	12,022	36,737	15,156	11,257	75,171
2005	12,413	46,779	67,092	6,305	132,589
2006	1,330	55,282	22,781	7,582	86,975
2007	9,136	42,336	27,297	1,245	80,014
2008	14,593	41,946	17,117	2,945	76,602
2009	9,201	24,259	12,451	-9,229	36,683
2010	18,696	37,267	1,752	-4,900	52,815
2011	-8,202	45,923	10,662	-28,835	19,548
2012	33,542	57,658	21,335	160	112,695
2013	14,909	64,584	39,471	16,374	135,338
2014	-11,265	42,441	15,558	19,012	65,746
2015	9,632	8,118	50,082	8,630	76,462
2016 1/	-17,278	51,601	18,477	Year to date	52,800
Percentage Change from the Same Period in Previous Year					
1983	-38.6	-40.1	55.3	-39.5	-19.6
1984	48.5	57.1	-7.9	498.9	41.9
1985	-21.6	49.2	10.7	-37.7	11.1
1986	3.5	-21.7	29.0	105.9	4.9
1987	75.3	55.0	19.8	43.9	45.6
1988	32.9	-21.6	-9.1	-14.1	-6.2
1989	29.9	18.5	15.6	-27.8	15.2
1990	-4.4	12.9	55.0	19.2	18.6
1991	5.4	30.3	-61.9	(2/)	-18.2
1992	-26.5	-56.4	0.6	(2/)	-39.4
1993	-62.5	-15.7	21.1	(2/)	-48.0
1994	60.0	96.0	-32.4	(2/)	53.9
1995	23.1	-24.4	31.7	(2/)	9.1
1996	20.1	43.0	-17.6	(2/)	37.2
1997	16.9	14.1	6.9	(2/)	8.5
1998	-41.3	-5.9	46.1	(2/)	-9.9
1999	-29.9	-14.2	-8.8	(2/)	-4.8
2000	133.7	40.6	-29.3	8,776.4	41.8
2001	3.3	-20.3	12.4	(2/)	-28.6
2002	4.0	-12.0	-62.0	(2/)	14.7
2003	(2/)	-11.8	91.1	(2/)	-90.6
2004	(2/)	61.7	85.9	(2/)	1,348.7
2005	3.2	27.3	342.7	-44.0	76.4
2006	-89.3	18.2	-66.0	20.2	-34.4
2007	586.7	-23.4	19.8	-83.6	-8.0
2008	59.7	-0.9	-37.3	136.6	-4.3
2009	-36.9	-42.2	-27.3	(2/)	-52.1
2010	103.2	53.6	-85.9	(2/)	44.0
2011	(2/)	23.2	508.6	(2/)	-63.0
2012	(2/)	25.6	100.1	(2/)	476.5
2013	-55.6	12.0	85.0	10,135.3	20.1
2014	(2/)	-34.3	-60.6	16.1	-51.4
2015	(2/)	-80.9	221.9	-54.6	16.3
2016 1/	(2/)	535.7	-63.1	Year to date	-22.2

Net Corporation Income tax includes declaration of estimated taxes plus payments with returns less refunds.

1/ Q2 revised from previous QSER.

2/ Percentage change involving negative values not meaningful.

Source: Hawaii State Department of Taxation and <[http://www.hawaii.gov/tax/a5\\_3txcolrpt.htm](http://www.hawaii.gov/tax/a5_3txcolrpt.htm)>.

**Table C-10. DECLARATION OF ESTIMATED TAXES - CORPORATE**

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	Annual
In Thousands of Dollars					
1982	10,316	13,980	7,696	3,914	35,906
1983	8,427	9,854	11,008	4,720	34,009
1984	10,363	14,272	10,343	5,435	40,414
1985	10,065	20,703	11,204	4,919	46,892
1986	6,899	16,141	13,783	8,228	45,051
1987	13,848	25,171	18,229	8,651	65,899
1988	18,559	21,577	17,944	8,733	66,813
1989	23,599	23,158	19,775	9,818	76,349
1990	24,238	29,810	29,837	15,853	99,738
1991	28,257	38,849	21,596	12,849	101,551
1992	23,809	20,506	17,337	12,358	74,012
1993	17,294	17,203	19,955	10,232	64,684
1994	18,048	29,934	19,092	10,075	77,149
1995	17,214	26,846	16,498	10,198	70,756
1996	22,423	30,651	15,409	12,077	80,559
1997	21,651	33,029	19,673	14,235	88,587
1998	15,930	33,419	19,273	13,035	81,657
1999	14,832	31,644	19,049	24,640	90,166
2000	19,221	41,845	19,007	15,475	95,548
2001	21,726	35,748	17,669	13,297	88,440
2002	31,607	30,666	12,620	12,787	87,680
2003	1,472	29,696	11,575	9,000	51,743
2004	21,573	39,223	26,425	15,353	102,574
2005	40,643	44,441	71,123	14,562	170,770
2006	17,670	58,440	36,772	32,610	145,492
2007	22,730	46,657	38,785	23,763	131,935
2008	24,662	44,253	24,155	16,015	109,084
2009	20,556	36,731	21,243	14,449	92,979
2010	23,764	37,399	13,358	19,745	94,266
2011	26,263	50,495	26,981	20,526	124,265
2012	25,427	52,449	25,769	26,266	129,910
2013	24,649	61,666	51,318	34,531	172,163
2014	27,105	49,087	27,317	38,576	142,085
2015	30,630	58,756	35,862	27,578	152,826
2016 1/	39,998	57,125	32,039	Year to date	129,162
Percentage Change from the Same Period in Previous Year					
1983	-18.3	-29.5	43.0	20.6	-5.3
1984	23.0	44.8	-6.0	15.1	18.8
1985	-2.9	45.1	8.3	-9.5	16.0
1986	-31.5	-22.0	23.0	67.3	-3.9
1987	100.7	55.9	32.3	5.1	46.3
1988	34.0	-14.3	-1.6	0.9	1.4
1989	27.2	7.3	10.2	12.4	14.3
1990	2.7	28.7	50.9	61.5	30.6
1991	16.6	30.3	-27.6	-19.0	1.8
1992	-15.7	-47.2	-19.7	-3.8	-27.1
1993	-27.4	-16.1	15.1	-17.2	-12.6
1994	4.4	74.0	-4.3	-1.5	19.3
1995	-4.6	-10.3	-13.6	1.2	-8.3
1996	30.3	14.2	-6.6	18.4	13.9
1997	-3.4	7.8	27.7	17.9	10.0
1998	-26.4	1.2	-2.0	-8.4	-7.8
1999	-6.9	-5.3	-1.2	89.0	10.4
2000	29.6	32.2	-0.2	-37.2	6.0
2001	13.0	-14.6	-7.0	-14.1	-7.4
2002	45.5	-14.2	-28.6	-3.8	-0.9
2003	-95.3	-3.2	-8.3	-29.6	-41.0
2004	1,365.4	32.1	128.3	70.6	98.2
2005	88.4	13.3	169.2	-5.2	66.5
2006	-56.5	31.5	-48.3	123.9	-14.8
2007	28.6	-20.2	5.5	-27.1	-9.3
2008	8.5	-5.2	-37.7	-32.6	-17.3
2009	-16.6	-17.0	-12.1	-9.8	-14.8
2010	15.6	1.8	-37.1	36.7	1.4
2011	10.5	35.0	102.0	4.0	31.8
2012	-3.2	3.9	-4.5	28.0	4.5
2013	-3.1	17.6	99.1	31.5	32.5
2014	10.0	-20.4	-46.8	11.7	-17.5
2015	13.0	19.7	31.3	-28.5	7.6
2016 1/	30.6	-2.8	-10.7	Year to date	3.1

1/ Q2 revised from previous QSER.

Source: Hawaii State Department of Taxation and <[http://www.hawaii.gov/tax/a5\\_3txcolrpt.htm](http://www.hawaii.gov/tax/a5_3txcolrpt.htm)>.

**Table C-11. PAYMENT WITH RETURNS - CORPORATE**

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	Annual
In Thousands of Dollars					
1982	1,014	2,317	403	-668	3,065
1983	-1,131	306	1,221	-2,651	-2,255
1984	-58	1,417	763	38	2,159
1985	-1,552	1,889	1,210	240	1,787
1986	1,082	2,239	2,346	1,742	7,410
1987	2,517	2,994	1,864	3,495	10,870
1988	1,784	3,152	2,733	3,284	10,953
1989	2,169	3,867	2,062	3,349	11,447
1990	3,062	2,398	3,374	4,221	13,055
1991	3,335	4,006	2,303	2,708	12,352
1992	6,467	2,741	1,555	2,847	13,609
1993	4,321	1,881	2,899	2,150	11,252
1994	3,009	1,471	3,087	2,255	9,821
1995	1,925	1,531	1,796	1,640	6,891
1996	1,999	2,586	1,782	3,917	10,283
1997	2,273	3,481	2,126	2,410	10,290
1998	2,043	1,200	1,358	3,055	7,656
1999	2,469	1,588	1,573	2,199	7,828
2000	4,808	1,581	1,586	1,386	9,361
2001	2,329	1,707	2,466	5,929	12,430
2002	1,672	2,025	2,405	2,695	8,797
2003	-4,236	1,062	108	2,546	-521
2004	3,781	2,946	1,040	4,397	12,164
2005	2,803	11,174	2,553	4,337	20,867
2006	3,342	4,886	4,660	6,832	19,720
2007	3,791	7,369	2,779	6,646	20,585
2008	4,911	7,516	4,436	8,786	25,648
2009	2,288	7,798	4,452	4,691	19,229
2010	5,874	3,893	2,157	3,993	15,917
2011	2,793	5,039	2,789	4,889	15,510
2012	21,515	19,301	6,251	4,220	51,287
2013	4,159	5,956	3,979	4,185	18,279
2014	8,480	10,835	2,206	4,884	26,405
2015	8,121	-20,226	19,924	7,714	15,533
2016 1/	4,089	7,731	2,545	Year to date	14,366
Percentage Change from the Same Period in Previous Year					
1983	(2/)	-86.8	203.2	(2/)	(2/)
1984	(2/)	362.5	-37.5	(2/)	(2/)
1985	(2/)	33.4	58.7	528.2	-17.2
1986	(2/)	18.5	93.8	627.0	314.6
1987	132.5	33.7	-20.5	100.6	46.7
1988	-29.1	5.3	46.6	-6.0	0.8
1989	21.6	22.7	-24.6	2.0	4.5
1990	41.2	-38.0	63.6	26.0	14.1
1991	8.9	67.0	-31.8	-35.8	-5.4
1992	93.9	-31.6	-32.5	5.1	10.2
1993	-33.2	-31.4	86.5	-24.5	-17.3
1994	-30.4	-21.8	6.5	4.9	-12.7
1995	-36.0	4.1	-41.8	-27.3	-29.8
1996	3.8	68.9	-0.8	138.8	49.2
1997	13.7	34.6	19.3	-38.5	0.1
1998	-10.1	-65.5	-36.1	26.8	-25.6
1999	20.8	32.4	15.8	-28.0	2.2
2000	94.7	-0.4	0.9	-37.0	19.6
2001	-51.6	7.9	55.4	327.8	32.8
2002	-28.2	18.6	-2.5	-54.5	-29.2
2003	(2/)	-47.6	-95.5	-5.5	(2/)
2004	(2/)	177.4	867.5	72.7	(2/)
2005	-25.9	279.3	145.4	-1.4	71.5
2006	19.2	-56.3	82.5	57.5	-5.5
2007	13.4	50.8	-40.4	-2.7	4.4
2008	29.5	2.0	59.6	32.2	24.6
2009	-53.4	3.8	0.4	-46.6	-25.0
2010	156.8	-50.1	-51.6	-14.9	-17.2
2011	-52.4	29.4	29.3	22.4	-2.6
2012	670.3	283.0	124.1	-13.7	230.7
2013	-80.7	-69.1	-36.3	-0.8	-64.4
2014	103.9	81.9	-44.6	16.7	44.5
2015	-4.2	(2/)	803.3	58.0	-41.2
2016 1/	-49.6	(2/)	-87.2	Year to date	83.7

1/ Q2 revised from previous QSER.

2/ Percentage change involving negative numbers not meaningful.

Source: Hawaii State Department of Taxation and <[http://www.hawaii.gov/tax/a5\\_3txcolrpt.htm](http://www.hawaii.gov/tax/a5_3txcolrpt.htm)>.

**Table C-12. REFUNDS - CORPORATE**

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	Annual
In Thousands of Dollars					
1982	818	694	804	1,872	4,188
1983	842	817	898	1,239	3,795
1984	717	1,007	668	499	2,892
1985	992	689	862	2,061	4,605
1986	199	1,224	1,227	3,594	6,244
1987	2,719	1,572	2,236	2,970	9,497
1988	2,208	3,879	4,451	4,134	14,672
1989	2,215	2,315	3,080	7,476	15,086
1990	4,793	4,304	4,135	13,291	26,524
1991	7,873	6,486	12,808	16,167	43,334
1992	12,837	7,385	7,736	16,927	44,884
1993	15,081	5,710	9,340	23,566	53,697
1994	10,605	5,192	13,045	23,901	52,742
1995	6,270	8,559	6,264	19,219	40,311
1996	8,971	4,899	7,281	18,449	39,599
1997	5,868	4,180	11,205	22,030	43,283
1998	7,381	4,210	5,151	22,459	39,201
1999	9,873	7,128	6,503	26,798	50,302
2000	6,670	6,730	10,608	13,251	37,259
2001	6,122	8,190	8,911	29,378	52,602
2002	14,624	6,941	10,758	8,782	41,104
2003	22,654	8,046	3,529	11,805	46,033
2004	13,332	5,432	12,309	8,493	39,567
2005	31,033	8,836	6,585	12,594	59,048
2006	19,682	8,043	18,651	31,861	78,237
2007	17,385	11,691	14,267	29,164	72,507
2008	14,979	9,822	11,474	21,855	58,130
2009	13,642	20,270	13,243	28,369	75,525
2010	10,942	4,025	13,762	28,638	57,368
2011	37,258	9,611	19,108	54,250	120,227
2012	13,400	14,092	10,685	30,326	68,503
2013	13,898	3,038	15,827	22,341	55,104
2014	46,851	17,481	13,964	24,448	102,744
2015	29,119	30,413	5,703	26,662	91,897
2016 1/	61,365	13,255	16,107	Year-to-Date	90,728
Percentage Change from the Same Period in Previous Year					
1983	2.9	17.7	11.6	-33.8	-9.4
1984	-14.8	23.3	-25.5	-59.7	-23.8
1985	38.3	-31.6	29.0	313.2	59.2
1986	-80.0	77.5	42.3	74.4	35.6
1987	1,269.8	28.4	82.3	-17.4	52.1
1988	-18.8	146.8	99.1	39.2	54.5
1989	0.3	-40.3	-30.8	80.9	2.8
1990	116.4	85.9	34.3	77.8	75.8
1991	64.2	50.7	209.7	21.6	63.4
1992	63.1	13.9	-39.6	4.7	3.6
1993	17.5	-22.7	20.7	39.2	19.6
1994	-29.7	-9.1	39.7	1.4	-1.8
1995	-40.9	64.9	-52.0	-19.6	-23.6
1996	43.1	-42.8	16.2	-4.0	-1.8
1997	-34.6	-14.7	53.9	19.4	9.3
1998	25.8	0.7	-54.0	1.9	-9.4
1999	33.8	69.3	26.2	19.3	28.3
2000	-32.4	-5.6	63.1	-50.6	-25.9
2001	-8.2	21.7	-16.0	121.7	41.2
2002	138.9	-15.3	20.7	-70.1	-21.9
2003	54.9	15.9	-67.2	34.4	12.0
2004	-41.1	-32.5	248.9	-28.1	-14.0
2005	132.8	62.7	-46.5	48.3	49.2
2006	-36.6	-9.0	183.2	153.0	32.5
2007	-11.7	45.4	-23.5	-8.5	-7.3
2008	-13.8	-16.0	-19.6	-25.1	-19.8
2009	-8.9	106.4	15.4	29.8	29.9
2010	-19.8	-80.1	3.9	0.9	-24.0
2011	240.5	138.8	38.8	89.4	109.6
2012	-64.0	46.6	-44.1	-44.1	-43.0
2013	3.7	-78.4	48.1	-26.3	-19.6
2014	237.1	475.5	-11.8	9.4	86.5
2015	-37.8	74.0	-59.2	9.1	-10.6
2016 1/	110.7	-56.4	182.4	Year-to-Date	39.1

1/ Q2 revised from previous QSER.



**Table C-13. TRANSIENT ACCOMMODATIONS TAX REVENUES**

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	Annual
In Thousands of Dollars					
1987 1/	7,216	16,294	16,164	13,554	53,228
1988	18,468	19,093	17,890	15,239	70,689
1989	20,823	22,022	18,438	19,712	80,995
1990	22,359	21,928	21,292	17,877	83,456
1991	20,926	19,127	20,019	17,859	77,931
1992	20,903	21,195	19,355	19,395	80,848
1993	20,893	20,665	17,156	16,692	75,406
1994 2/	22,909	19,765	22,254	21,570	86,497
1995	27,219	26,997	26,601	24,801	105,618
1996	34,193	30,146	32,397	27,246	123,983
1997	32,015	33,797	31,899	29,181	126,892
1998	34,047	31,949	31,231	28,655	125,882
1999 3/	37,219	39,428	40,767	35,953	153,367
2000	46,216	45,631	41,949	41,564	175,361
2001	47,423	46,228	44,900	36,049	174,601
2002	35,919	40,765	48,199	36,750	161,633
2003	44,038	41,878	46,802	37,963	170,681
2004	50,204	46,879	53,338	39,487	189,908
2005	54,583	51,366	55,381	46,052	207,381
2006	59,698	55,865	56,782	48,204	220,550
2007	56,161	63,784	58,726	53,871	232,542
2008	61,952	54,829	59,640	47,700	224,122
2009 4/	52,211	51,062	52,518	56,483	212,274
2010	58,631	56,610	69,617	58,703	243,562
2011	79,592	76,551	79,292	69,116	304,551
2012	90,752	84,780	90,859	77,389	343,780
2013	102,663	97,645	98,264	86,148	384,720
2014	108,548	102,268	106,848	90,476	408,141
2015	113,836	109,810	115,292	96,088	435,025
2016 5/	123,793	111,609	149,652	Year-to-date	385,053
Percentage Change from the Same Period in Previous Year					
1988 1/	155.9	17.2	10.7	12.4	32.8
1989	12.7	15.3	3.1	29.4	14.6
1990	7.4	-0.4	15.5	-9.3	3.0
1991	-6.4	-12.8	-6.0	-0.1	-6.6
1992	-0.1	10.8	-3.3	8.6	3.7
1993	0.0	-2.5	-11.4	-13.9	-6.7
1994 2/	9.6	-4.4	29.7	29.2	14.7
1995	18.8	36.6	19.5	15.0	22.1
1996	25.6	11.7	21.8	9.9	17.4
1997	-6.4	12.1	-1.5	7.1	2.3
1998	6.3	-5.5	-2.1	-1.8	-0.8
1999 3/	9.3	23.4	30.5	25.5	21.8
2000	24.2	15.7	2.9	15.6	14.3
2001	2.6	1.3	7.0	-13.3	-0.4
2002	-24.3	-11.8	7.3	1.9	-7.4
2003	22.6	2.7	-2.9	3.3	5.6
2004	14.0	11.9	14.0	4.0	11.3
2005	8.7	9.6	3.8	16.6	9.2
2006	9.4	8.8	2.5	4.7	6.3
2007	-5.9	14.2	3.4	11.8	5.4
2008	10.3	-14.0	1.6	-11.5	-3.6
2009 4/	-15.7	-6.9	-11.9	18.4	-5.3
2010 4/	12.3	10.9	32.6	3.9	14.7
2011	35.8	35.2	13.9	17.7	25.0
2012	14.0	10.8	14.6	12.0	12.9
2013	13.1	15.2	8.1	11.3	11.9
2014	5.7	4.7	8.7	5.0	6.1
2015	4.9	7.4	7.9	6.2	6.6
2016 5/	8.7	1.6	29.8	Year-to-date	13.6

1/ Tax collection for this category began in February 1987 and therefore a large increase in 1st Q 1988.

2/ Rate increased from 5% to 6% on July 1, 1994.

3/ Rate increased from 6% to 7.25% and tax base increased to include time-share units on January 1, 1999.

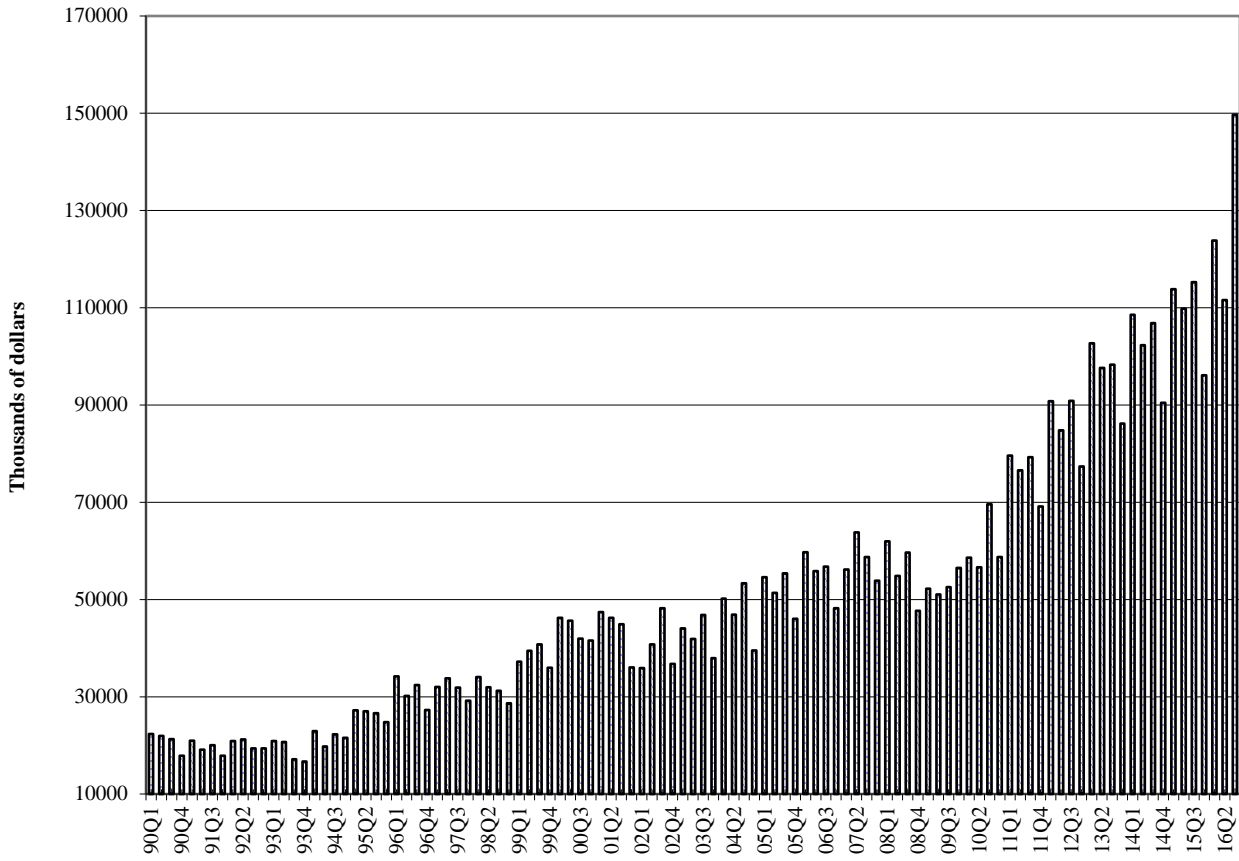
4/ Act 61, SLH 2009, increased the transient accommodations tax from 7.25% to 8.25% on July 1, 2009; and on July 1, 2010 to 9.25%.

5/ Q2 revised from previous QSER.

Source: Hawaii State Department of Taxation <[http://www6.hawaii.gov/tax/a5\\_3txcolrpt.htm](http://www6.hawaii.gov/tax/a5_3txcolrpt.htm)>.

**Figure 4. Transient Accommodations Tax Revenues**

[ Thousands of dollars]



Source: Table C-13. Transient Accommodations Tax Revenues.

**Table C-14. RETAILING TAX BASE**

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	Annual
In Thousands of Dollars					
1982	1,710,281	1,750,597	1,813,302	1,600,783	6,874,963
1983	1,948,082	1,885,630	1,830,416	1,774,065	7,438,193
1984	2,034,424	2,047,426	1,981,977	2,048,066	8,111,893
1985	2,148,440	2,101,998	2,136,843	2,111,973	8,499,254
1986	2,370,712	2,336,286	2,330,069	2,202,306	9,239,373
1987	2,392,313	2,277,522	2,374,945	2,404,893	9,449,673
1988	2,653,942	2,612,874	2,573,969	2,545,189	10,385,974
1989	3,016,917	2,814,070	2,884,282	2,892,510	11,607,779
1990	3,320,274	3,124,012	3,169,330	3,214,267	12,827,883
1991	3,658,962	3,068,027	3,525,630	3,145,763	13,398,382
1992	3,668,603	3,282,789	3,484,491	3,410,449	13,846,332
1993	3,617,266	3,394,978	3,594,944	3,368,861	13,976,049
1994	3,848,492	3,527,809	3,697,657	3,495,841	14,569,798
1995	3,931,088	3,576,608	3,845,592	3,696,824	15,050,113
1996	4,206,451	3,826,770	4,247,406	3,810,802	16,091,429
1997	4,030,822	4,023,946	3,968,269	3,950,919	15,973,955
1998	4,087,163	3,834,383	3,843,435	3,965,877	15,730,858
1999	4,050,978	3,992,427	4,024,697	3,889,277	15,957,379
2000	4,606,401	4,342,393	4,186,470	4,318,671	17,453,936
2001	4,669,056	4,297,529	4,387,085	4,469,628	17,823,297
2002	4,091,384	4,302,040	5,122,051	4,358,012	17,873,487
2003	4,668,769	4,657,861	4,812,325	4,696,086	18,835,041
2004	5,417,977	5,080,797	5,385,246	5,165,632	21,049,652
2005	6,081,366	5,945,365	6,197,716	5,632,927	23,857,373
2006	6,912,004	6,069,155	6,220,418	5,992,700	25,194,277
2007	6,727,451	6,568,361	6,643,955	6,509,009	26,448,776
2008	6,588,242	6,442,290	6,573,006	5,894,989	25,498,526
2009	5,986,987	5,863,222	5,847,500	5,869,743	23,567,451
2010	6,304,979	5,896,802	6,182,402	5,914,471	24,298,654
2011	6,941,789	6,847,961	7,051,703	6,908,811	27,750,265
2012	7,716,519	7,418,084	7,570,567	7,271,254	29,976,425
2013	7,197,579	7,596,756	7,531,736	7,340,944	29,667,015
2014	8,106,084	8,172,751	7,135,692	7,351,659	30,766,185
2015	7,574,591	7,925,270	8,308,361	7,254,487	31,062,710
2016	6,642,756	7,292,179	(NA)	Year to date	13,934,935
Percentage Change from the Same Period in Previous Year					
1983	13.9	7.7	0.9	10.8	8.2
1984	4.4	8.6	8.3	15.4	9.1
1985	5.6	2.7	7.8	3.1	4.8
1986	10.3	11.1	9.0	4.3	8.7
1987	0.9	-2.5	1.9	9.2	2.3
1988	10.9	14.7	8.4	5.8	9.9
1989	13.7	7.7	12.1	13.6	11.8
1990	10.1	11.0	9.9	11.1	10.5
1991	10.2	-1.8	11.2	-2.1	4.4
1992	0.3	7.0	-1.2	8.4	3.3
1993	-1.4	3.4	3.2	-1.2	0.9
1994	6.4	3.9	2.9	3.8	4.2
1995	2.1	1.4	4.0	5.7	3.3
1996	7.0	7.0	10.4	3.1	6.9
1997	-4.2	5.2	-6.6	3.7	-0.7
1998	1.4	-4.7	-3.1	0.4	-1.5
1999	-0.9	4.1	4.7	-1.9	1.4
2000	13.7	8.8	4.0	11.0	9.4
2001	1.4	-1.0	4.8	3.5	2.1
2002	-12.4	0.1	16.8	-2.5	0.3
2003	14.1	8.3	-6.0	7.8	5.4
2004	16.0	9.1	11.9	10.0	11.8
2005	12.2	17.0	15.1	9.0	13.3
2006	13.7	2.1	0.4	6.4	5.6
2007	-2.7	8.2	6.8	8.6	5.0
2008	-2.1	-1.9	-1.1	-9.4	-3.6
2009	-9.1	-9.0	-11.0	-0.4	-7.6
2010	5.3	0.6	5.7	0.8	3.1
2011	10.1	16.1	14.1	16.8	14.2
2012	11.2	8.3	7.4	5.2	8.0
2013	-6.7	2.4	-0.5	1.0	-1.0
2014	12.6	7.6	-5.3	0.1	3.7
2015	-6.6	-3.0	16.4	-1.3	1.0
2016	-12.3	-8.0	(NA)	Year to date	-10.1

NA Not available.

Source: Hawaii State Department of Taxation <[http://hawaii.gov/tax/a5\\_3txcolrpt.htm](http://hawaii.gov/tax/a5_3txcolrpt.htm)>.

**Table C-15. SERVICES TAX BASE**

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	Annual
In Thousands of Dollars					
1982	448,031	497,732	497,222	462,083	1,905,068
1983	519,248	566,201	536,793	512,282	2,134,524
1984	560,466	619,006	599,583	589,360	2,368,415
1985	592,615	646,397	627,910	614,747	2,481,669
1986	660,272	703,850	714,171	705,876	2,784,169
1987	713,389	725,796	732,601	724,373	2,896,159
1988	773,998	837,229	813,591	862,897	3,287,715
1989	904,992	937,746	918,812	937,453	3,699,003
1990	1,020,581	1,106,744	1,061,941	1,087,610	4,276,876
1991	1,235,423	1,229,726	1,253,564	1,169,451	4,888,164
1992	1,260,576	1,279,770	1,284,820	1,207,516	5,032,682
1993	1,233,391	1,316,712	1,300,445	1,242,108	5,092,656
1994	1,359,555	1,300,699	1,413,352	1,197,238	5,270,844
1995	1,371,021	1,312,002	1,342,238	1,325,818	5,351,079
1996	1,372,410	1,433,612	1,480,344	1,331,660	5,618,027
1997	1,340,742	1,423,370	1,361,714	1,288,866	5,414,691
1998	1,391,578	1,405,487	1,393,036	1,354,900	5,545,001
1999	1,422,571	1,463,868	1,422,224	1,338,985	5,647,648
2000	1,511,314	1,549,332	1,510,073	1,474,977	6,045,695
2001	1,597,791	1,612,081	1,601,639	1,614,942	6,426,452
2002	1,635,523	1,701,907	1,812,937	1,681,279	6,831,646
2003	1,753,575	1,865,362	1,880,554	1,797,268	7,296,759
2004	2,011,484	2,039,851	2,035,240	2,021,673	8,108,248
2005	2,367,480	2,355,615	2,533,842	2,449,635	9,706,571
2006	2,667,163	2,663,755	2,795,145	2,598,776	10,724,839
2007	2,817,123	2,994,012	2,673,800	2,712,811	11,197,746
2008	2,816,835	2,869,281	2,844,864	2,668,630	11,199,610
2009	2,637,094	2,908,324	2,789,983	2,658,579	10,993,980
2010	2,892,003	2,812,988	2,954,857	2,696,496	11,356,344
2011	3,103,143	3,189,334	3,137,297	3,031,027	12,460,801
2012	3,255,487	3,272,797	3,217,792	3,152,552	12,898,627
2013	3,157,484	3,457,651	3,439,362	3,286,945	13,341,442
2014	3,516,467	3,551,825	3,072,965	3,386,420	13,527,677
2015	3,341,243	3,560,433	3,668,571	3,418,844	13,989,090
2016	3,041,871	3,537,823	(NA)	Year to date	6,579,694
Percentage Change from the Same Period in Previous Year					
1983	15.9	13.8	8.0	10.9	12.0
1984	7.9	9.3	11.7	15.0	11.0
1985	5.7	4.4	4.7	4.3	4.8
1986	11.4	8.9	13.7	14.8	12.2
1987	8.0	3.1	2.6	2.6	4.0
1988	8.5	15.4	11.1	19.1	13.5
1989	16.9	12.0	12.9	8.6	12.5
1990	12.8	18.0	15.6	16.0	15.6
1991	21.1	11.1	18.0	7.5	14.3
1992	2.0	4.1	2.5	3.3	3.0
1993	-2.2	2.9	1.2	2.9	1.2
1994	10.2	-1.2	8.7	-3.6	3.5
1995	0.8	0.9	-5.0	10.7	1.5
1996	0.1	9.3	10.3	0.4	5.0
1997	-2.3	-0.7	-8.0	-3.2	-3.6
1998	3.8	-1.3	2.3	5.1	2.4
1999	2.2	4.2	2.1	-1.2	1.9
2000	6.2	5.8	6.2	10.2	7.0
2001	5.7	4.1	6.1	9.5	6.3
2002	2.4	5.6	13.2	4.1	6.3
2003	7.2	9.6	3.7	6.9	6.8
2004	14.7	9.4	8.2	12.5	11.1
2005	17.7	15.5	24.5	21.2	19.7
2006	12.7	13.1	10.3	6.1	10.5
2007	5.6	12.4	-4.3	4.4	4.4
2008	0.0	-4.2	6.4	-1.6	0.0
2009	-6.4	1.4	-1.9	-0.4	-1.8
2010	9.7	-3.3	5.9	1.4	3.3
2011	7.3	13.4	6.2	12.4	9.7
2012	4.9	2.6	2.6	4.0	3.5
2013	-3.0	5.6	6.9	4.3	3.4
2014	11.4	2.7	-10.7	3.0	1.4
2015	-5.0	0.2	19.4	1.0	3.4
2016	-9.0	-0.6	(NA)	Year to date	-4.7

NA Not available.

Source: Hawaii State Department of Taxation <[http://hawaii.gov/tax/a5\\_3txcolrpt.htm](http://hawaii.gov/tax/a5_3txcolrpt.htm)>.

**Table C-16. CONTRACTING TAX BASE**

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	Annual
In Thousands of Dollars					
1982	334,272	338,664	334,815	287,120	1,294,871
1983	340,254	359,006	334,889	319,256	1,353,405
1984	312,026	361,768	320,497	248,638	1,242,929
1985	257,651	311,747	364,373	433,962	1,367,733
1986	394,202	467,996	497,432	448,394	1,808,024
1987	450,880	484,490	521,333	546,353	2,003,056
1988	544,825	587,327	601,054	754,365	2,487,571
1989	640,644	757,843	795,745	918,614	3,112,846
1990	870,004	922,296	1,108,676	1,102,674	4,003,650
1991	1,126,100	1,043,738	1,164,504	999,709	4,334,051
1992	1,023,106	1,051,525	977,649	960,408	4,012,688
1993	964,878	960,832	965,176	912,719	3,803,605
1994	827,452	837,888	838,504	818,495	3,322,339
1995	776,553	760,576	751,328	845,053	3,133,510
1996	824,546	814,374	838,572	807,614	3,285,106
1997	685,943	777,106	734,054	747,325	2,944,427
1998	757,080	706,282	793,592	759,022	3,015,977
1999	732,065	736,979	758,140	764,017	2,991,201
2000	877,591	869,143	894,905	971,846	3,613,485
2001	920,452	918,441	893,249	1,034,262	3,766,404
2002	913,738	1,025,016	1,213,709	1,122,492	4,274,956
2003	1,122,284	1,139,346	1,179,566	1,095,127	4,536,323
2004	1,143,340	1,126,029	1,345,886	1,306,258	4,921,512
2005	1,440,933	1,429,833	1,608,131	1,545,100	6,023,997
2006	1,714,742	1,677,120	1,920,215	1,911,257	7,223,334
2007	1,990,972	2,081,107	1,924,935	2,075,898	8,072,912
2008	1,885,061	1,977,543	2,095,930	2,028,592	7,987,126
2009	1,779,892	1,726,610	1,580,058	1,555,100	6,641,660
2010	1,426,981	1,301,908	1,487,692	1,373,185	5,589,766
2011	1,382,930	1,443,626	1,468,186	1,542,702	5,837,445
2012	1,561,390	1,680,769	1,858,493	1,905,481	7,006,133
2013	1,847,561	1,935,348	1,844,945	1,702,106	7,329,960
2014	1,732,266	1,766,648	1,666,409	1,858,721	7,024,044
2015	1,801,389	1,995,322	2,212,250	2,103,276	8,112,238
2016	1,745,439	2,123,874	(NA)	Year to date	3,869,312
Percentage Change from the Same Period in Previous Year					
1983	1.8	6.0	0.0	11.2	4.5
1984	-8.3	0.8	-4.3	-22.1	-8.2
1985	-17.4	-13.8	13.7	74.5	10.0
1986	53.0	50.1	36.5	3.3	32.2
1987	14.4	3.5	4.8	21.8	10.8
1988	20.8	21.2	15.3	38.1	24.2
1989	17.6	29.0	32.4	21.8	25.1
1990	35.8	21.7	39.3	20.0	28.6
1991	29.4	13.2	5.0	-9.3	8.3
1992	-9.1	0.7	-16.0	-3.9	-7.4
1993	-5.7	-8.6	-1.3	-5.0	-5.2
1994	-14.2	-12.8	-13.1	-10.3	-12.7
1995	-6.2	-9.2	-10.4	3.2	-5.7
1996	6.2	7.1	11.6	-4.4	4.8
1997	-16.8	-4.6	-12.5	-7.5	-10.4
1998	10.4	-9.1	8.1	1.6	2.4
1999	-3.3	4.3	-4.5	0.7	-0.8
2000	19.9	17.9	18.0	27.2	20.8
2001	4.9	5.7	-0.2	6.4	4.2
2002	-0.7	11.6	35.9	8.5	13.5
2003	22.8	11.2	-2.8	-2.4	6.1
2004	1.9	-1.2	14.1	19.3	8.5
2005	26.0	27.0	19.5	18.3	22.4
2006	19.0	17.3	19.4	23.7	19.9
2007	16.1	24.1	0.2	8.6	11.8
2008	-5.3	-5.0	8.9	-2.3	-1.1
2009	-5.6	-12.7	-24.6	-23.3	-16.8
2010	-19.8	-24.6	-5.8	-11.7	-15.8
2011	-3.1	10.9	-1.3	12.3	4.4
2012	12.9	16.4	26.6	23.5	20.0
2013	18.3	15.1	-0.7	-10.7	4.6
2014	-6.2	-8.7	-9.7	9.2	-4.2
2015	4.0	12.9	32.8	13.2	15.5
2016	-3.1	6.4	(NA)	Year to date	1.9

NA Not available.

Source: Hawaii State Department of Taxation <[http://hawaii.gov/tax/a5\\_3txcolrpt.htm](http://hawaii.gov/tax/a5_3txcolrpt.htm)>.

**Table C-17. HOTEL RENTALS TAX BASE**

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	Annual
In Thousands of Dollars					
1982	195,584	243,439	209,859	196,044	844,926
1983	214,692	253,165	189,028	219,342	876,227
1984	232,715	275,023	246,471	230,309	984,518
1985	295,480	326,170	246,638	253,980	1,122,268
1986	275,501	359,893	297,845	279,543	1,212,782
1987	353,207	361,774	346,049	308,371	1,369,401
1988	400,643	361,727	328,343	318,178	1,408,891
1989	374,604	419,068	341,650	369,749	1,505,071
1990	419,848	417,017	377,150	358,979	1,572,994
1991	403,527	366,835	395,916	346,712	1,512,990
1992	409,099	424,199	406,846	381,607	1,621,751
1993	398,447	419,241	355,320	354,033	1,527,041
1994	436,808	417,732	421,288	390,579	1,666,406
1995	478,430	447,116	434,281	416,701	1,776,527
1996	518,041	518,184	548,120	473,455	2,057,800
1997	531,801	561,954	561,841	499,723	2,155,319
1998	584,846	550,858	524,625	486,887	2,147,217
1999	561,297	539,708	559,379	497,809	2,158,193
2000	637,549	622,051	580,275	579,412	2,419,287
2001	635,679	654,739	632,841	498,554	2,421,813
2002	490,145	563,821	672,811	500,563	2,227,341
2003	626,061	552,681	636,857	506,835	2,322,434
2004	680,980	619,439	662,828	554,810	2,518,058
2005	770,498	739,112	848,838	655,139	3,013,586
2006	918,681	828,551	979,459	726,568	3,453,259
2007	901,824	871,811	879,847	753,097	3,406,579
2008	881,770	806,297	829,303	613,389	3,130,759
2009	705,048	664,363	676,599	572,851	2,618,860
2010	719,362	637,699	768,600	629,353	2,755,013
2011	840,985	784,912	843,134	716,452	3,185,483
2012	969,649	901,307	986,042	809,327	3,666,325
2013	1,053,756	1,021,794	1,091,781	902,535	4,069,865
2014	1,195,930	1,088,813	1,060,966	968,378	4,314,087
2015	1,225,481	1,072,680	1,241,762	953,060	4,492,983
2016	1,165,451	1,081,514	(NA)	Year to date	2,246,964
Percentage Change from the Same Period in Previous Year					
1983	9.8	4.0	-9.9	11.9	3.7
1984	8.4	8.6	30.4	5.0	12.4
1985	27.0	18.6	0.1	10.3	14.0
1986	-6.8	10.3	20.8	10.1	8.1
1987	28.2	0.5	16.2	10.3	12.9
1988	13.4	0.0	-5.1	3.2	2.9
1989	-6.5	15.9	4.1	16.2	6.8
1990	12.1	-0.5	10.4	-2.9	4.5
1991	-3.9	-12.0	5.0	-3.4	-3.8
1992	1.4	15.6	2.8	10.1	7.2
1993	-2.6	-1.2	-12.7	-7.2	-5.8
1994	9.6	-0.4	18.6	10.3	9.1
1995	9.5	7.0	3.1	6.7	6.6
1996	8.3	15.9	26.2	13.6	15.8
1997	2.7	8.4	2.5	5.5	4.7
1998	10.0	-2.0	-6.6	-2.6	-0.4
1999	-4.0	-2.0	6.6	2.2	0.5
2000	13.6	15.3	3.7	16.4	12.1
2001	-0.3	5.3	9.1	-14.0	0.1
2002	-22.9	-13.9	6.3	0.4	-8.0
2003	27.7	-2.0	-5.3	1.3	4.3
2004	8.8	12.1	4.1	9.5	8.4
2005	13.1	19.3	28.1	18.1	19.7
2006	19.2	12.1	15.4	10.9	14.6
2007	-1.8	5.2	-10.2	3.7	-1.4
2008	-2.2	-7.5	-5.7	-18.6	-8.1
2009	-20.0	-17.6	-18.4	-6.6	-16.4
2010	2.0	-4.0	13.6	9.9	5.2
2011	16.9	23.1	9.7	13.8	15.6
2012	15.3	14.8	16.9	13.0	15.1
2013	8.7	13.4	10.7	11.5	11.0
2014	13.5	6.6	-2.8	7.3	6.0
2015	2.5	-1.5	17.0	-1.6	4.1
2016	-4.9	0.8	(NA)	Year to date	-2.2

NA Not available.

Source: Hawaii State Department of Taxation <[http://hawaii.gov/tax/a5\\_3txcolrpt.htm](http://hawaii.gov/tax/a5_3txcolrpt.htm)>.

## D. TOURISM

Visitor arrivals continue to be strong with both domestic and international visitor arrivals increasing in the third quarter of 2016. Due to slightly shorter lengths of stay, the daily visitor census increased less than the increase of visitor arrivals in the quarter. Since visitors spent more on a daily basis during the third quarter of 2016, total visitor spending increased more than the growth of the average total daily visitor census in the quarter. With the exception of the fourth quarter of 2013, visitor arrivals have increased since the third quarter of 2009.

The total number of visitor arrivals by air increased 72,996 or 3.3 percent in the third quarter of 2016, compared to the same quarter of 2015 (Tables D-1 and D-2). The total average daily census was up 6,399 or 3.0 percent in the quarter. In the first three quarters of 2016, total visitor arrivals by air increased 188,573 or 2.9 percent, while the average daily census increased 3,868 or 1.8 percent from the same period last year.

In the third quarter of 2016, total visitor arrivals on domestic flights increased 58,170 or 3.9 percent compared to the same quarter of 2015 (Table D-3). In the first three quarters of 2016, domestic arrivals were up 133,398 or 3.1 percent from the same period last year.

Arrivals on international flights increased 14,826 or 2.1 percent in the third quarter of 2016 compared to the third quarter of 2015 (Table D-4). In the first three quarters of 2016, international arrivals were up 55,175 or 2.7 percent from the same period last year.

In terms of major market areas, from the third quarter of 2015 to the same period of 2016, arrivals from the U.S. West increased 41,054 or 4.5 percent (Table D-5), arrivals from the U.S. East increased 24,728 or 5.6 percent (Table D-6), and arrivals from Japan decreased 7,504 or 1.8 percent (Table D-7). In the first three quarters of 2016, arrivals from the U.S. West were up 109,101 or 4.1 percent; arrivals from the U.S. East were up 48,548 or 3.5 percent; and Japanese arrivals were up 3,628 or 0.3 percent from the same period last year.

While visitor arrivals have increased, the length of stay per visitor has decreased slightly. Due to the shorter length of stay, the average total daily visitor census increased less than the growth of visitor arrivals in the quarter. The total average daily visitor census was up 3.0 percent or 6,399 visitors per day in the third quarter of 2016, over the same quarter of 2015 (Table D-8). The domestic average daily census increased 2.5 percent or 3,915 visitors per day (Table D-9), while the international average daily census increased 4.3 percent or 2,484 visitors per day (Table D-10). In the first three quarters of 2016, the domestic average daily census increased 1,512 or 1.0 percent; and the international average daily census increased 2,356 or 4.1 percent from the same period last year.

Nominal visitor expenditures by air totaled \$3,919.0 million in the third quarter of 2016, up 5.4 percent or \$200.8 million from the same quarter of 2015 (Table D-11). In the first three quarters of 2016, visitor expenditures increased \$411.0 million or 3.7 percent compared with the same period last year.

Total airline capacity, as measured by the number of available seats flown to Hawaii, decreased 0.03 percent or 869 seats (Table D-12) in the third quarter of 2016, domestic seats increased 1.3 percent or 27,266 seats (Table D-13); international seats decreased 3.1 percent or 28,135 seats (Table D-14), compared to the same quarter of 2015. In the first three quarters of 2016, the number of total available seats increased 0.9 percent or 85,484 seats from the same period last year.

According to the most recent data available, in the second quarter of 2016, the statewide hotel occupancy rate averaged 77.6 percent, 0.1 of a percentage point lower than that of the same quarter of 2015 (Table D-15). In the first half of 2016, the statewide hotel occupancy rate averaged 79.3 percent, 0.5 of a percentage point higher than the same period last year.

Readers interested in visitor statistics on a monthly basis can find them on the DBEDT website: <http://dbedt.hawaii.gov/visitor/> and those interested in daily passenger arrival data at: <http://dbedt.hawaii.gov/visitor/daily-passenger-counts/>.

**Table D-1. VISITOR ARRIVALS AND AVERAGE DAILY VISITOR CENSUS - BY AIR**

Year	Visitor Arrivals 1/			Average Daily Visitor Census		
	Total	Domestic	International	Total	Domestic	International
1990	6,723,531	4,315,161	2,408,370	154,517	113,066	41,450
1991	6,518,460	4,068,508	2,449,952	147,323	105,686	41,637
1992	6,473,669	3,791,945	2,681,724	152,249	106,589	45,660
1993	6,070,995	3,570,059	2,500,936	147,498	100,430	47,068
1994	6,364,674	3,813,279	2,551,395	156,630	107,904	48,726
1995	6,546,759	3,743,474	2,803,285	157,098	105,649	51,450
1996	6,723,141	3,794,113	2,929,028	158,297	106,404	51,892
1997	6,761,135	3,890,798	2,870,337	157,187	108,019	49,168
1998	6,595,790	4,014,140	2,581,650	157,389	112,068	45,320
1999	6,741,037	4,255,621	2,485,416	164,439	117,998	46,441
2000	6,948,595	4,446,936	2,501,659	168,637	123,442	45,196
2001	6,303,789	4,224,321	2,079,468	158,247	118,106	40,141
2002	6,389,059	4,358,851	2,030,208	160,195	121,029	39,165
2003	6,380,439	4,531,289	1,849,150	161,048	123,389	37,659
2004	6,912,094	4,892,960	2,019,134	171,481	132,355	39,126
2005	7,416,574	5,313,281	2,103,293	185,445	144,396	41,049
2006	7,528,106	5,550,125	1,977,981	189,441	149,545	39,895
2007	7,496,820	5,582,530	1,914,290	189,412	150,960	38,452
2008	6,713,436	4,901,893	1,811,543	172,487	135,239	37,248
2009	6,420,448	4,672,001	1,748,447	165,082	129,100	35,983
2010	6,916,894	4,957,352	1,959,542	177,949	136,407	41,542
2011	7,174,397	5,127,291	2,047,106	185,824	142,027	43,797
2012	7,867,143	5,403,025	2,464,118	201,267	148,887	52,380
2013	8,003,474	5,405,300	2,598,174	202,876	149,213	53,663
2014	8,196,342	5,486,059	2,710,283	206,217	151,076	55,141
2015	8,563,018	5,782,140	2,780,878	213,934	156,026	57,908
2001 1 Qtr.	1,715,088	1,079,787	635,301	176,954	126,606	50,348
2 Qtr.	1,673,990	1,129,578	544,413	159,596	120,781	38,816
3 Qtr.	1,647,049	1,091,324	555,725	162,674	119,887	42,787
4 Qtr.	1,267,662	923,632	344,030	134,185	105,365	28,821
2002 1 Qtr.	1,537,636	1,042,844	494,792	162,745	122,622	40,124
2 Qtr.	1,583,029	1,115,788	467,241	153,178	119,430	33,749
3 Qtr.	1,694,239	1,170,113	524,126	167,584	126,274	41,310
4 Qtr.	1,574,155	1,030,106	544,049	157,250	115,809	41,441
2003 1 Qtr.	1,562,878	1,049,338	513,540	163,475	118,886	44,588
2 Qtr.	1,501,363	1,168,919	332,444	150,775	123,760	27,016
3 Qtr.	1,719,130	1,234,881	484,249	171,357	131,942	39,415
4 Qtr.	1,597,067	1,078,150	518,917	158,528	118,874	39,654
2004 1 Qtr.	1,639,213	1,138,607	500,606	171,479	128,237	43,242
2 Qtr.	1,712,588	1,252,707	459,881	164,897	131,766	33,132
3 Qtr.	1,852,939	1,318,363	534,576	180,936	140,130	40,806
4 Qtr.	1,707,354	1,183,283	524,071	168,540	129,234	39,306
2005 1 Qtr.	1,821,151	1,279,704	541,447	192,126	146,732	45,394
2 Qtr.	1,787,046	1,304,549	482,497	172,635	137,683	34,952
3 Qtr.	1,995,901	1,452,425	543,476	196,484	153,816	42,667
4 Qtr.	1,812,476	1,276,603	535,873	180,542	139,332	41,209
2006 1 Qtr.	1,836,867	1,300,840	536,027	198,665	149,596	49,069
2 Qtr.	1,865,545	1,410,404	455,141	180,356	147,415	32,942
3 Qtr.	1,992,088	1,496,473	495,615	195,968	156,511	39,457
4 Qtr.	1,833,607	1,342,409	491,198	182,876	144,638	38,238
2007 1 Qtr.	1,826,527	1,323,255	503,272	193,365	149,663	43,701
2 Qtr.	1,856,609	1,434,445	422,164	184,702	150,976	33,726
3 Qtr.	2,002,719	1,491,746	510,973	195,509	156,793	38,716
4 Qtr.	1,810,966	1,333,085	477,881	184,106	146,380	37,727
2008 1 Qtr.	1,841,516	1,347,836	493,680	196,032	152,981	43,051
2 Qtr.	1,668,379	1,251,941	416,438	166,503	134,204	32,299
3 Qtr.	1,670,428	1,202,383	468,045	167,502	129,701	37,801
4 Qtr.	1,533,113	1,099,733	433,380	160,101	124,250	35,851
2009 1 Qtr.	1,568,857	1,106,530	462,327	169,946	130,386	39,561
2 Qtr.	1,595,081	1,232,085	362,996	161,808	130,589	31,219
3 Qtr.	1,715,358	1,253,208	462,150	169,752	133,326	36,426
4 Qtr.	1,541,152	1,080,178	460,974	158,893	122,142	36,751
2010 1 Qtr.	1,638,407	1,118,852	519,555	177,714	131,507	46,207
2 Qtr.	1,696,892	1,261,393	435,499	169,223	133,002	36,221
3 Qtr.	1,856,948	1,351,315	505,633	186,931	144,558	42,373
4 Qtr.	1,724,647	1,225,792	498,855	177,829	136,417	41,412
2011 1 Qtr.	1,781,445	1,241,338	540,107	196,827	146,802	50,025
2 Qtr.	1,724,205	1,297,685	426,520	173,967	138,108	35,858
3 Qtr.	1,872,833	1,335,712	537,121	186,064	143,099	42,965
4 Qtr.	1,795,914	1,252,556	543,358	186,549	140,159	46,391
2012 1 Qtr.	1,933,991	1,301,730	632,261	210,680	151,796	58,884
2 Qtr.	1,910,870	1,368,575	542,295	191,073	146,486	44,587
3 Qtr.	2,042,534	1,389,278	653,256	201,523	148,332	53,191
4 Qtr.	1,979,748	1,343,442	636,306	201,785	148,940	52,845
2013 1 Qtr.	2,022,871	1,356,149	666,722	216,218	156,744	59,474
2 Qtr.	1,974,892	1,399,913	574,979	194,526	148,513	46,013
3 Qtr.	2,077,453	1,392,557	684,896	205,127	149,990	55,138
4 Qtr.	1,928,258	1,256,681	671,577	195,832	141,761	54,072
2014 1 Qtr.	2,028,633	1,318,882	709,751	217,477	154,902	62,576
2 Qtr.	2,011,759	1,402,026	609,733	198,049	149,363	48,687
3 Qtr.	2,120,639	1,424,360	696,279	204,784	151,815	52,969
4 Qtr.	2,035,311	1,340,791	694,520	204,713	148,289	56,424
2015 1 Qtr.	2,097,862	1,371,980	725,882	224,128	158,420	65,709
2 Qtr.	2,145,806	1,513,399	632,407	208,378	157,721	50,657
3 Qtr.	2,197,037	1,483,636	713,401	212,094	154,700	57,394
4 Qtr.	2,122,312	1,413,124	709,188	211,299	153,335	57,963
2/ 2016 1 Qtr.	2,173,346	1,427,864	745,482	226,438	158,609	67,829
2/ 2 Qtr.	2,185,900	1,532,744	653,156	211,144	158,110	53,034
2/ 3 Qtr.	2,270,033	1,541,806	728,227	218,493	158,615	59,878

1/ Staying overnight or longer.

2/ 2016 data are preliminary.

Source: Hawaii State Department of Business, Economic Development & Tourism and <http://www.hawaii.gov/dbedt/info/visitor-stats/> and Hawaii Tourism Authority, Tourism Research.



**Table D-1. VISITOR ARRIVALS AND AVERAGE DAILY VISITOR CENSUS - BY AIR - Con.**

Year	Visitor Arrivals 1/			Average Daily Visitor Census		
	Total	Domestic	International	Total	Domestic	International
Percentage Change from the Same Period in Previous Year						
1991	-3.1	-5.7	1.7	-4.7	-6.5	0.5
1992	-0.7	-6.8	9.5	3.3	0.9	9.7
1993	-6.2	-5.9	-6.7	-3.1	-5.8	3.1
1994	4.8	6.8	2.0	6.2	7.4	3.5
1995	2.9	-1.8	9.9	0.3	-2.1	5.6
1996	2.7	1.4	4.5	0.8	0.7	0.9
1997	0.6	2.5	-2.0	-0.7	1.5	-5.2
1998	-2.4	3.2	-10.1	0.1	3.7	-7.8
1999	2.2	6.0	-3.7	4.5	5.3	2.5
2000	3.1	4.5	0.7	2.6	4.6	-2.7
2001	-9.3	-5.0	-16.9	-6.2	-4.3	-11.2
2002	1.4	3.2	-2.4	1.2	2.5	-2.4
2003	-0.1	4.0	-8.9	0.5	1.9	-3.8
2004	8.3	8.0	9.2	6.5	7.3	3.9
2005	7.3	8.6	4.2	8.1	9.1	4.9
2006	1.5	4.5	-6.0	2.2	3.6	-2.8
2007	-0.4	0.6	-3.2	0.0	0.9	-3.6
2008	-10.4	-12.2	-5.4	-8.9	-10.4	-3.1
2009	-4.4	-4.7	-3.5	-4.3	-4.5	-3.4
2010	7.7	6.1	12.1	7.8	5.7	15.4
2011	3.7	3.4	4.5	4.4	4.1	5.4
2012	9.7	5.4	20.4	8.3	4.8	19.6
2013	1.7	0.0	5.4	0.8	0.2	2.4
2014	2.4	1.5	4.3	1.6	1.2	2.8
2015	4.5	5.4	2.6	3.7	3.3	5.0
2002 1 Qtr.	-10.3	-3.4	-22.1	-8.0	-3.1	-20.3
2 Qtr.	-5.4	-1.2	-14.2	-4.0	-1.1	-13.1
3 Qtr.	2.9	7.2	-5.7	3.0	5.3	-3.5
4 Qtr.	24.2	11.5	58.1	17.2	9.9	43.8
2003 1 Qtr.	1.6	0.6	3.8	0.4	-3.0	11.1
2 Qtr.	-5.2	4.8	-28.8	-1.6	3.6	-20.0
3 Qtr.	1.5	5.5	-7.6	2.3	4.5	-4.6
4 Qtr.	1.5	4.7	-4.6	0.8	2.6	-4.3
2004 1 Qtr.	4.9	8.5	-2.5	4.9	7.9	-3.0
2 Qtr.	14.1	7.2	38.3	9.4	6.5	22.6
3 Qtr.	7.8	6.8	10.4	5.6	6.2	3.5
4 Qtr.	6.9	9.8	1.0	6.3	8.7	-0.9
2005 1 Qtr.	11.1	12.4	8.2	12.0	14.4	5.0
2 Qtr.	4.3	4.1	4.9	4.7	4.5	5.5
3 Qtr.	7.7	10.2	1.7	8.6	9.8	4.6
4 Qtr.	6.2	7.9	2.3	7.1	7.8	4.8
2006 1 Qtr.	0.9	1.7	-1.0	3.4	2.0	8.1
2 Qtr.	4.4	8.1	-5.7	4.5	7.1	-5.8
3 Qtr.	-0.2	3.0	-8.8	-0.3	1.8	-7.5
4 Qtr.	1.2	5.2	-8.3	1.3	3.8	-7.2
2007 1 Qtr.	-0.6	1.7	-6.1	-2.7	0.0	-10.9
2 Qtr.	-0.5	1.7	-7.2	2.4	2.4	2.4
3 Qtr.	0.5	-0.3	3.1	-0.2	0.2	-1.9
4 Qtr.	-1.2	-0.7	-2.7	0.7	1.2	-1.3
2008 1 Qtr.	0.8	1.9	-1.9	1.4	2.2	-1.5
2 Qtr.	-10.1	-12.7	-1.4	-9.9	-11.1	-4.2
3 Qtr.	-16.6	-19.4	-8.4	-14.3	-17.3	-2.4
4 Qtr.	-15.3	-17.5	-9.3	-13.0	-15.1	-5.0
2009 1 Qtr.	-14.8	-17.9	-6.4	-13.3	-14.8	-8.1
2 Qtr.	-4.4	-1.6	-12.8	-2.8	-2.7	-3.3
3 Qtr.	2.7	4.2	-1.3	1.3	2.8	-3.6
4 Qtr.	0.5	-1.8	6.4	-0.8	-1.7	2.5
2010 1 Qtr.	4.4	1.1	12.4	4.6	0.9	16.8
2 Qtr.	6.4	2.4	20.0	4.6	1.8	16.0
3 Qtr.	8.3	7.8	9.4	10.1	8.4	16.3
4 Qtr.	11.9	13.5	8.2	11.9	11.7	12.7
2011 1 Qtr.	8.7	10.9	4.0	10.8	11.6	8.3
2 Qtr.	1.6	2.9	-2.1	2.8	3.8	-1.0
3 Qtr.	0.9	-1.2	6.2	-0.5	-1.0	1.4
4 Qtr.	4.1	2.2	8.9	4.9	2.7	12.0
2012 1 Qtr.	8.6	4.9	17.1	7.0	3.4	17.7
2 Qtr.	10.8	5.5	27.1	9.8	6.1	24.3
3 Qtr.	9.1	4.0	21.6	8.3	3.7	23.8
4 Qtr.	10.2	7.3	17.1	8.2	6.3	13.9
2013 1 Qtr.	4.6	4.2	5.5	2.6	3.3	1.0
2 Qtr.	3.4	2.3	6.0	1.8	1.4	3.2
3 Qtr.	1.7	0.2	4.8	1.8	1.1	3.7
4 Qtr.	-2.6	-6.5	5.5	-3.0	-4.8	2.3
2014 1 Qtr.	0.3	-2.7	6.5	0.6	-1.2	5.2
2 Qtr.	1.9	0.2	6.0	1.8	0.6	5.8
3 Qtr.	2.1	2.3	1.7	-0.2	1.2	-3.9
4 Qtr.	5.6	6.7	3.4	4.5	4.6	4.4
2015 1 Qtr.	3.4	4.0	2.3	3.1	2.3	5.0
2 Qtr.	6.7	7.9	3.7	5.2	5.6	4.0
3 Qtr.	3.6	4.2	2.5	3.6	1.9	8.4
4 Qtr.	4.3	5.4	2.1	3.2	3.4	2.7
2/ 2016 1 Qtr.	3.6	4.1	2.7	1.0	0.1	3.2
2/ 2 Qtr.	1.9	1.3	3.3	1.3	0.2	4.7
2/ 3 Qtr.	3.3	3.9	2.1	3.0	2.5	4.3

1/ Staying overnight or longer.

2/ 2016 data are preliminary.

Source: Hawaii State Department of Business, Economic Development & Tourism and <http://www.hawaii.gov/dbedt/info/visitor-stats/> and Hawaii Tourism Authority, Tourism Research.

**Table D-2. TOTAL VISITOR ARRIVALS - BY AIR**

<i>Year</i>	<i>First Quarter</i>	<i>Second Quarter</i>	<i>Third Quarter</i>	<i>Fourth Quarter</i>	<i>Annual</i>
In Persons 1/					
1990	1,655,161	1,663,777	1,803,195	1,601,398	6,723,531
1991	1,447,222	1,623,820	1,847,875	1,599,544	6,518,460
1992	1,613,620	1,589,013	1,692,377	1,578,659	6,473,669
1993	1,548,386	1,460,771	1,575,663	1,486,175	6,070,995
1994	1,599,015	1,507,791	1,677,357	1,580,510	6,364,674
1995	1,591,918	1,566,221	1,765,085	1,623,535	6,546,759
1996	1,713,427	1,638,364	1,785,297	1,586,054	6,723,141
1997	1,704,050	1,616,539	1,798,790	1,641,757	6,761,135
1998	1,668,494	1,616,987	1,724,849	1,585,460	6,595,790
1999	1,688,751	1,615,842	1,799,719	1,636,726	6,741,037
2000	1,720,922	1,739,432	1,818,701	1,669,539	6,948,594
2001	1,715,088	1,673,990	1,647,049	1,267,662	6,303,789
2002	1,537,636	1,583,029	1,694,239	1,574,155	6,389,059
2003	1,562,878	1,501,363	1,719,130	1,597,067	6,380,439
2004	1,639,213	1,712,588	1,852,939	1,707,354	6,912,094
2005	1,821,151	1,787,046	1,995,901	1,812,476	7,416,574
2006	1,836,867	1,865,545	1,992,088	1,833,607	7,528,106
2007	1,826,527	1,856,609	2,002,719	1,810,966	7,496,820
2008	1,841,516	1,668,379	1,670,428	1,533,113	6,713,436
2009	1,568,857	1,595,081	1,715,358	1,541,152	6,420,448
2010	1,638,407	1,696,892	1,856,948	1,724,647	6,916,894
2011	1,781,445	1,724,205	1,872,833	1,795,914	7,174,397
2012	1,933,991	1,910,870	2,042,534	1,979,748	7,867,143
2013	2,022,871	1,974,892	2,077,453	1,928,258	8,003,474
2014	2,028,633	2,011,759	2,120,639	2,035,311	8,196,342
2015	2,097,862	2,145,806	2,197,037	2,122,312	8,563,018
2016 2/	2,173,346	2,185,900	2,270,033	Year-to-date	6,629,279
Percentage Change from the Same Period in Previous Year					
1991	-12.6	-2.4	2.5	-0.1	-3.1
1992	11.5	-2.1	-8.4	-1.3	-0.7
1993	-4.0	-8.1	-6.9	-5.9	-6.2
1994	3.3	3.2	6.5	6.3	4.8
1995	-0.4	3.9	5.2	2.7	2.9
1996	7.6	4.6	1.1	-2.3	2.7
1997	-0.5	-1.3	0.8	3.5	0.6
1998	-2.1	0.0	-4.1	-3.4	-2.4
1999	1.2	-0.1	4.3	3.2	2.2
2000	1.9	7.6	1.1	2.0	3.1
2001	-0.3	-3.8	-9.4	-24.1	-9.3
2002	-10.3	-5.4	2.9	24.2	1.4
2003	1.6	-5.2	1.5	1.5	-0.1
2004	4.9	14.1	7.8	6.9	8.3
2005	11.1	4.3	7.7	6.2	7.3
2006	0.9	4.4	-0.2	1.2	1.5
2007	-0.6	-0.5	0.5	-1.2	-0.4
2008	0.8	-10.1	-16.6	-15.3	-10.4
2009	-14.8	-4.4	2.7	0.5	-4.4
2010	4.4	6.4	8.3	11.9	7.7
2011	8.7	1.6	0.9	4.1	3.7
2012	8.6	10.8	9.1	10.2	9.7
2013	4.6	3.4	1.7	-2.6	1.7
2014	0.3	1.9	2.1	5.6	2.4
2015	3.4	6.7	3.6	4.3	4.5
2016 2/	3.6	1.9	3.3	Year-to-date	2.9

1/ Staying overnight or longer.

2/ 2016 data are preliminary.

Source: Hawaii State Department of Business, Economic Development & Tourism and  
<http://www.hawaii.gov/dbedt/info/visitor-stats/> and Hawaii Tourism Authority, Tourism Research.

**Table D-3. DOMESTIC VISITOR ARRIVALS - BY AIR**

<i>Year</i>	<i>First Quarter</i>	<i>Second Quarter</i>	<i>Third Quarter</i>	<i>Fourth Quarter</i>	<i>Annual</i>
In Persons 1/					
1990	1,039,445	1,108,654	1,151,752	1,015,310	4,315,161
1991	932,347	1,053,156	1,127,974	955,031	4,068,508
1992	922,725	948,382	976,407	944,431	3,791,945
1993	899,585	890,477	908,086	871,911	3,570,059
1994	936,856	951,487	988,317	936,619	3,813,279
1995	940,217	941,555	955,961	905,741	3,743,474
1996	962,066	976,277	991,937	863,833	3,794,113
1997	952,515	966,338	1,021,590	950,355	3,890,798
1998	973,221	1,035,106	1,040,587	965,226	4,014,140
1999	1,021,745	1,058,106	1,132,114	1,043,657	4,255,621
2000	1,070,247	1,165,262	1,159,909	1,051,518	4,446,936
2001	1,079,787	1,129,578	1,091,324	923,632	4,224,321
2002	1,042,844	1,115,788	1,170,113	1,030,106	4,358,851
2003	1,049,338	1,168,919	1,234,881	1,078,150	4,531,289
2004	1,138,607	1,252,707	1,318,363	1,183,283	4,892,960
2005	1,279,704	1,304,549	1,452,425	1,276,603	5,313,281
2006	1,300,840	1,410,404	1,496,473	1,342,409	5,550,125
2007	1,323,255	1,434,445	1,491,746	1,333,085	5,582,530
2008	1,347,836	1,251,941	1,202,383	1,099,733	4,901,893
2009	1,106,530	1,232,085	1,253,208	1,080,178	4,672,001
2010	1,118,852	1,261,393	1,351,315	1,225,792	4,957,352
2011	1,241,338	1,297,685	1,335,712	1,252,556	5,127,291
2012	1,301,730	1,368,575	1,389,278	1,343,442	5,403,025
2013	1,356,149	1,399,913	1,392,557	1,256,681	5,405,300
2014	1,318,882	1,402,026	1,424,360	1,340,791	5,486,059
2015	1,371,980	1,513,399	1,483,636	1,413,124	5,782,140
2016 2/	1,427,864	1,532,744	1,541,806	Year-to-date	4,502,414
Percentage Change from the Same Period in Previous Year					
1991	-10.3	-5.0	-2.1	-5.9	-5.7
1992	-1.0	-9.9	-13.4	-1.1	-6.8
1993	-2.5	-6.1	-7.0	-7.7	-5.9
1994	4.1	6.9	8.8	7.4	6.8
1995	0.4	-1.0	-3.3	-3.3	-1.8
1996	2.3	3.7	3.8	-4.6	1.4
1997	-1.0	-1.0	3.0	10.0	2.5
1998	2.2	7.1	1.9	1.6	3.2
1999	5.0	2.2	8.8	8.1	6.0
2000	4.7	10.1	2.5	0.8	4.5
2001	0.9	-3.1	-5.9	-12.2	-5.0
2002	-3.4	-1.2	7.2	11.5	3.2
2003	0.6	4.8	5.5	4.7	4.0
2004	8.5	7.2	6.8	9.8	8.0
2005	12.4	4.1	10.2	7.9	8.6
2006	1.7	8.1	3.0	5.2	4.5
2007	1.7	1.7	-0.3	-0.7	0.6
2008	1.9	-12.7	-19.4	-17.5	-12.2
2009	-17.9	-1.6	4.2	-1.8	-4.7
2010	1.1	2.4	7.8	13.5	6.1
2011	10.9	2.9	-1.2	2.2	3.4
2012	4.9	5.5	4.0	7.3	5.4
2013	4.2	2.3	0.2	-6.5	0.0
2014	-2.7	0.2	2.3	6.7	1.5
2015	4.0	7.9	4.2	5.4	5.4
2016 2/	4.1	1.3	3.9	Year-to-date	3.1

1/ Staying overnight or longer.

2/ 2016 data are preliminary.

Source: Hawaii State Department of Business, Economic Development & Tourism and <http://www.hawaii.gov/dbedt/info/visitor-stats/> and Hawaii Tourism Authority, Tourism Research.

**Table D-4. INTERNATIONAL VISITOR ARRIVALS - BY AIR**

<i>Year</i>	<i>First Quarter</i>	<i>Second Quarter</i>	<i>Third Quarter</i>	<i>Fourth Quarter</i>	<i>Annual</i>
In Thousands of Persons 1/					
1990	615,716	555,123	651,442	586,088	2,408,370
1991	514,875	570,664	719,901	644,512	2,449,952
1992	690,895	640,631	715,970	634,228	2,681,724
1993	648,801	570,294	667,577	614,264	2,500,936
1994	662,159	556,304	689,040	643,891	2,551,395
1995	651,701	624,666	809,124	717,794	2,803,285
1996	751,361	662,087	793,360	722,221	2,929,028
1997	751,535	650,201	777,200	691,402	2,870,337
1998	695,273	581,881	684,262	620,234	2,581,650
1999	667,006	557,736	667,605	593,069	2,485,416
2000	650,675	574,171	658,792	618,021	2,501,659
2001	635,301	544,413	555,725	344,030	2,079,468
2002	494,792	467,241	524,126	544,049	2,030,208
2003	513,540	332,444	484,249	518,917	1,849,150
2004	500,606	459,881	534,576	524,071	2,019,134
2005	541,447	482,497	543,476	535,873	2,103,293
2006	536,027	455,141	495,615	491,198	1,977,981
2007	503,272	422,164	510,973	477,881	1,914,290
2008	493,680	416,438	468,045	433,380	1,811,543
2009	462,327	362,996	462,150	460,974	1,748,447
2010	519,555	435,499	505,633	498,855	1,959,542
2011	540,107	426,520	537,121	543,358	2,047,106
2012	632,261	542,295	653,256	636,306	2,464,118
2013	666,722	574,979	684,896	671,577	2,598,174
2014	709,751	609,733	696,279	694,520	2,710,283
2015	725,882	632,407	713,401	709,188	2,780,878
2016 2/	745,482	653,156	728,227	Year-to-date	2,126,865
Percentage Change from the Same Period in Previous Year					
1991	-16.4	2.8	10.5	10.0	1.7
1992	34.2	12.3	-0.5	-1.6	9.5
1993	-6.1	-11.0	-6.8	-3.1	-6.7
1994	2.1	-2.5	3.2	4.8	2.0
1995	-1.6	12.3	17.4	11.5	9.9
1996	15.3	6.0	-1.9	0.6	4.5
1997	0.0	-1.8	-2.0	-4.3	-2.0
1998	-7.5	-10.5	-12.0	-10.3	-10.1
1999	-4.1	-4.1	-2.4	-4.4	-3.7
2000	-2.4	2.9	-1.3	4.2	0.7
2001	-2.4	-5.2	-15.6	-44.3	-16.9
2002	-22.1	-14.2	-5.7	58.1	-2.4
2003	3.8	-28.8	-7.6	-4.6	-8.9
2004	-2.5	38.3	10.4	1.0	9.2
2005	8.2	4.9	1.7	2.3	4.2
2006	-1.0	-5.7	-8.8	-8.3	-6.0
2007	-6.1	-7.2	3.1	-2.7	-3.2
2008	-1.9	-1.4	-8.4	-9.3	-5.4
2009	-6.4	-12.8	-1.3	6.4	-3.5
2010	12.4	20.0	9.4	8.2	12.1
2011	4.0	-2.1	6.2	8.9	4.5
2012	17.1	27.1	21.6	17.1	20.4
2013	5.5	6.0	4.8	5.5	5.4
2014	6.5	6.0	1.7	3.4	4.3
2015	2.3	3.7	2.5	2.1	2.6
2016 2/	2.7	3.3	2.1	Year-to-date	2.7

1/ Staying overnight or longer.

2/ 2015 data are revised and 2016 data are preliminary.

Source: Hawaii State Department of Business, Economic Development & Tourism and  
<http://www.hawaii.gov/dbedt/info/visitor-stats/> and Hawaii Tourism Authority, Tourism Research.

**Table D-5. VISITOR ARRIVALS - US WEST**

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	Annual
In Persons 1/					
1989	466,373	541,491	577,419	540,178	2,125,460
1990	487,785	606,791	607,149	517,923	2,219,649
1991	432,094	588,140	673,083	532,521	2,225,838
1992	436,504	533,627	546,112	518,267	2,034,510
1993	449,967	505,363	493,791	460,690	1,909,811
1994	448,497	529,366	558,888	512,590	2,049,341
1995	453,939	528,594	560,206	492,591	2,035,329
1996	469,927	556,051	567,063	472,107	2,065,147
1997	438,959	539,591	574,317	518,555	2,071,423
1998	458,681	576,202	578,160	512,950	2,125,993
1999	492,934	595,307	649,293	571,304	2,308,838
2000	519,103	654,522	678,186	580,633	2,432,444
2001	536,370	645,139	649,202	541,359	2,372,070
2002	547,569	657,698	700,803	580,845	2,486,914
2003	543,030	696,887	751,194	618,751	2,609,862
2004	583,594	725,192	782,123	677,095	2,768,002
2005	662,916	760,780	867,512	741,284	3,032,492
2006	670,186	840,421	908,762	800,579	3,219,948
2007	717,131	843,873	894,178	789,525	3,244,707
2008	724,869	714,537	699,783	630,040	2,769,229
2009	595,438	731,767	756,228	635,384	2,718,818
2010	614,182	764,670	812,901	732,677	2,924,430
2011	667,394	787,267	799,648	740,423	2,994,731
2012	705,974	820,085	835,317	817,448	3,178,824
2013	765,146	859,294	825,826	761,163	3,211,429
2014	719,236	852,161	859,704	824,374	3,255,475
2015	793,786	934,257	904,188	875,421	3,507,652
2016 2/	833,991	962,099	945,242	Year-to-date	2,741,331
Percentage Change from the Same Period in Previous Year					
1990	4.6	12.1	5.1	-4.1	4.4
1991	-11.4	-3.1	10.9	2.8	0.3
1992	1.0	-9.3	-18.9	-2.7	-8.6
1993	3.1	-5.3	-9.6	-11.1	-6.1
1994	-0.3	4.7	13.2	11.3	7.3
1995	1.2	-0.1	0.2	-3.9	-0.7
1996	3.5	5.2	1.2	-4.2	1.5
1997	-6.6	-3.0	1.3	9.8	0.3
1998	4.5	6.8	0.7	-1.1	2.6
1999	7.5	3.3	12.3	11.4	8.6
2000	5.3	9.9	4.4	1.6	5.4
2001	3.3	-1.4	-4.3	-6.8	-2.5
2002	2.1	1.9	7.9	7.3	4.8
2003	-0.8	6.0	7.2	6.5	4.9
2004	7.5	4.1	4.1	9.4	6.1
2005	13.6	4.9	10.9	9.5	9.6
2006	1.1	10.5	4.8	8.0	6.2
2007	7.0	0.4	-1.6	-1.4	0.8
2008	1.1	-15.3	-21.7	-20.2	-14.7
2009	-17.9	2.4	8.1	0.8	-1.8
2010	3.1	4.5	7.5	15.3	7.6
2011	8.7	3.0	-1.6	1.1	2.4
2012	5.8	4.2	4.5	10.4	6.1
2013	8.4	4.8	-1.1	-6.9	1.0
2014	-6.0	-0.8	4.1	8.3	1.4
2015	10.4	9.6	5.2	6.2	7.7
2016 2/	5.1	3.0	4.5	Year-to-date	4.1

1/ Staying overnight or longer.

2/ 2016 data are preliminary.

Source: Hawaii State Department of Business, Economic Development & Tourism and <http://www.hawaii.gov/dbedt/info/visitor-stats/> and Hawaii Tourism Authority, Tourism Research.

**Table D-6. VISITOR ARRIVALS - US EAST**

<i>Year</i>	<i>First Quarter</i>	<i>Second Quarter</i>	<i>Third Quarter</i>	<i>Fourth Quarter</i>	<i>Annual</i>
<b>In Persons 1/</b>					
1989	596,938	510,969	482,240	469,476	2,059,623
1990	525,001	500,153	484,219	425,623	1,934,996
1991	472,752	499,120	485,440	433,816	1,891,128
1992	430,347	411,722	392,717	378,467	1,613,254
1993	431,203	345,339	326,984	316,080	1,419,605
1994	441,419	349,537	323,737	346,401	1,461,094
1995	417,332	340,176	346,984	353,115	1,457,608
1996	445,277	384,365	364,485	329,390	1,523,516
1997	411,704	342,756	337,163	352,723	1,444,346
1998	412,354	388,260	357,111	350,973	1,508,698
1999	452,146	394,559	372,747	381,785	1,601,238
2000	471,596	431,367	413,329	396,419	1,712,711
2001	475,569	420,960	363,767	327,868	1,588,164
2002	439,218	408,506	378,364	356,475	1,582,563
2003	439,470	416,640	417,243	380,003	1,653,356
2004	485,487	456,446	451,175	412,269	1,805,377
2005	534,048	474,085	488,325	432,836	1,929,294
2006	544,446	491,385	483,280	434,205	1,953,316
2007	510,399	501,066	479,856	410,181	1,901,502
2008	498,365	443,513	392,388	348,846	1,683,112
2009	412,539	415,079	395,517	338,334	1,561,468
2010	408,812	416,228	416,499	368,882	1,610,421
2011	445,330	412,478	409,962	374,509	1,642,279
2012	456,121	439,283	421,446	382,774	1,699,625
2013	458,123	441,287	433,683	368,760	1,701,852
2014	462,762	441,280	424,253	384,790	1,713,085
2015	470,119	473,975	439,892	419,683	1,803,670
2016 2/	492,069	475,845	464,620	Year-to-date	1,432,534
<b>Percentage Change from the Same Period in Previous Year</b>					
1990	-12.1	-2.1	0.4	-9.3	-6.1
1991	-10.0	-0.2	0.3	1.9	-2.3
1992	-9.0	-17.5	-19.1	-12.8	-14.7
1993	0.2	-16.1	-16.7	-16.5	-12.0
1994	2.4	1.2	-1.0	9.6	2.9
1995	-5.5	-2.7	7.2	1.9	-0.2
1996	6.7	13.0	5.0	-6.7	4.5
1997	-7.5	-10.8	-7.5	7.1	-5.2
1998	0.2	13.3	5.9	-0.5	4.5
1999	9.7	1.6	4.4	8.8	6.1
2000	4.3	9.3	10.9	3.8	7.0
2001	0.8	-2.4	-12.0	-17.3	-7.3
2002	-7.6	-3.0	4.0	8.7	-0.4
2003	0.1	2.0	10.3	6.6	4.5
2004	10.5	9.6	8.1	8.5	9.2
2005	10.0	3.9	8.2	5.0	6.9
2006	1.9	3.6	-1.0	0.3	1.2
2007	-6.3	2.0	-0.7	-5.5	-2.7
2008	-2.4	-11.5	-18.2	-15.0	-11.5
2009	-17.2	-6.4	0.8	-3.0	-7.2
2010	-0.9	0.3	5.3	9.0	3.1
2011	8.9	-0.9	-1.6	1.5	2.0
2012	2.4	6.5	2.8	2.2	3.5
2013	0.4	0.5	2.9	-3.7	0.1
2014	1.0	0.0	-2.2	4.3	0.7
2015	1.6	7.4	3.7	9.1	5.3
2016 2/	4.7	0.4	5.6	Year-to-date	3.5

1/ Staying overnight or longer.

2/ 2016 data are preliminary.

Source: Hawaii State Department of Business, Economic Development & Tourism and <<http://www.hawaii.gov/dbedt/info/visitor-stats/>> and Hawaii Tourism Authority, Tourism Research.

**Table D-7. VISITOR ARRIVALS - JAPAN**

<i>Year</i>	<i>First Quarter</i>	<i>Second Quarter</i>	<i>Third Quarter</i>	<i>Fourth Quarter</i>	<i>Annual</i>
In Persons 1/					
1989	345,803	307,901	380,100	326,446	1,360,249
1990	390,807	324,293	395,050	382,636	1,492,786
1991	286,006	321,777	442,532	388,269	1,438,585
1992	463,344	390,581	455,710	396,225	1,705,860
1993	380,443	368,229	473,076	444,527	1,666,275
1994	435,663	406,760	526,962	449,948	1,819,332
1995	463,858	472,995	591,904	519,654	2,048,411
1996	544,749	475,377	598,843	527,915	2,146,883
1997	560,956	497,754	626,863	531,317	2,216,890
1998	535,149	451,371	556,731	461,103	2,004,354
1999	468,374	412,403	526,292	418,518	1,825,587
2000	460,862	423,728	485,885	447,169	1,817,644
2001	452,715	413,455	434,059	228,334	1,528,563
2002	337,213	337,633	397,114	411,162	1,483,121
2003	353,386	224,748	363,338	398,561	1,340,033
2004	342,945	340,511	407,119	391,511	1,482,085
2005	386,239	347,289	403,439	380,472	1,517,439
2006	347,786	304,752	368,279	342,059	1,362,876
2007	314,009	282,784	373,081	326,549	1,296,423
2008	305,544	266,296	319,743	283,615	1,175,198
2009	297,070	235,161	330,311	305,538	1,168,080
2010	301,472	278,736	353,494	305,604	1,239,307
2011	304,221	241,751	372,293	323,540	1,241,805
2012	345,895	317,323	424,351	378,085	1,465,654
2013	375,544	325,479	427,726	389,768	1,518,517
2014	376,652	326,713	425,446	382,929	1,511,739
2015	354,237	327,688	420,938	379,440	1,482,304
2016 2/	361,523	331,534	413,434	Year-to-date	1,106,491
Percentage Change from the Same Period in Previous Year					
1990	13.0	5.3	3.9	17.2	9.7
1991	-26.8	-0.8	12.0	1.5	-3.6
1992	62.0	21.4	3.0	2.0	18.6
1993	-17.9	-5.7	3.8	12.2	-2.3
1994	14.5	10.5	11.4	1.2	9.2
1995	6.5	16.3	12.3	15.5	12.6
1996	17.4	0.5	1.2	1.6	4.8
1997	3.0	4.7	4.7	0.6	3.3
1998	-4.6	-9.3	-11.2	-13.2	-9.6
1999	-12.5	-8.6	-5.5	-9.2	-8.9
2000	-1.6	2.7	-7.7	6.8	-0.4
2001	-1.8	-2.4	-10.7	-48.9	-15.9
2002	-25.5	-18.3	-8.5	80.1	-3.0
2003	4.8	-33.4	-8.5	-3.1	-9.6
2004	-3.0	51.5	12.0	-1.8	10.6
2005	12.6	2.0	-0.9	-2.8	2.4
2006	-10.0	-12.2	-8.7	-10.1	-10.2
2007	-9.7	-7.2	1.3	-4.5	-4.9
2008	-2.7	-5.8	-14.3	-13.1	-9.4
2009	-2.8	-11.7	3.3	7.7	-0.6
2010	1.5	18.5	7.0	0.0	6.1
2011	0.9	-13.3	5.3	5.9	0.2
2012	13.7	31.3	14.0	16.9	18.0
2013	8.6	2.6	0.8	3.1	3.6
2014	0.3	0.4	-0.5	-1.8	-0.4
2015	-6.0	0.3	-1.1	-0.9	-1.9
2016 2/	2.1	1.2	-1.8	Year-to-date	0.3

1/ Staying overnight or longer.

2/ 2016 data are preliminary.

Source: Hawaii State Department of Business, Economic Development & Tourism and <<http://www.hawaii.gov/dbedt/info/visitor-stats/>> and Hawaii Tourism Authority, Tourism Research.

**Table D-8. AVERAGE DAILY VISITOR CENSUS - TOTAL**

<i>Year</i>	<i>First Quarter</i>	<i>Second Quarter</i>	<i>Third Quarter</i>	<i>Fourth Quarter</i>	<i>Annual</i>
In Persons 1/					
1990	153,433	154,837	164,211	145,565	154,517
1991	133,709	148,630	164,788	141,881	147,323
1992	151,630	151,089	157,684	148,571	152,249
1993	152,152	143,526	151,195	143,177	147,498
1994	158,799	150,606	163,160	153,936	156,630
1995	156,122	152,567	165,953	153,680	157,098
1996	162,055	157,296	166,586	147,280	158,297
1997	159,456	152,281	165,342	151,665	157,187
1998	168,313	148,818	158,423	154,146	157,389
1999	174,588	151,621	169,672	161,956	164,439
2000	175,797	164,816	171,435	162,537	168,637
2001	176,954	159,596	162,674	134,185	158,247
2002	162,745	153,178	167,584	157,250	160,195
2003	163,475	150,775	171,357	158,528	161,048
2004	171,479	164,897	180,936	168,540	171,481
2005	192,126	172,635	196,484	180,542	185,445
2006	198,665	180,356	195,968	182,876	189,441
2007	193,365	184,702	195,509	184,106	189,412
2008	196,032	166,503	167,502	160,101	172,487
2009	169,946	161,808	169,752	158,893	165,082
2010	177,714	169,223	186,931	177,829	177,949
2011	196,827	173,967	186,064	186,549	185,824
2012	210,680	191,073	201,523	201,785	201,267
2013	216,218	194,526	205,127	195,832	202,876
2014	217,477	198,049	204,784	204,713	206,217
2015	224,128	208,378	212,094	211,299	213,934
2016 2/	226,438	211,144	218,493	Year-to-Date	218,691
Percentage Change from the Same Period in Previous Year					
1991	-12.9	-4.0	0.4	-2.5	-4.7
1992	13.4	1.7	-4.3	4.7	3.3
1993	0.3	-5.0	-4.1	-3.6	-3.1
1994	4.4	4.9	7.9	7.5	6.2
1995	-1.7	1.3	1.7	-0.2	0.3
1996	3.8	3.1	0.4	-4.2	0.8
1997	-1.6	-3.2	-0.7	3.0	-0.7
1998	5.6	-2.3	-4.2	1.6	0.1
1999	3.7	1.9	7.1	5.1	4.5
2000	0.7	8.7	1.0	0.4	2.6
2001	0.7	-3.2	-5.1	-17.4	-6.2
2002	-8.0	-4.0	3.0	17.2	1.2
2003	0.4	-1.6	2.3	0.8	0.5
2004	4.9	9.4	5.6	6.3	6.5
2005	12.0	4.7	8.6	7.1	8.1
2006	3.4	4.5	-0.3	1.3	2.2
2007	-2.7	2.4	-0.2	0.7	0.0
2008	1.4	-9.9	-14.3	-13.0	-8.9
2009	-13.3	-2.8	1.3	-0.8	-4.3
2010	4.6	4.6	10.1	11.9	7.8
2011	10.8	2.8	-0.5	4.9	4.4
2012	7.0	9.8	8.3	8.2	8.3
2013	2.6	1.8	1.8	-3.0	0.8
2014	0.6	1.8	-0.2	4.5	1.6
2015	3.1	5.2	3.6	3.2	3.7
2016 2/	1.0	1.3	3.0	Year-to-Date	1.8

NA Not available.

1/ Staying overnight or longer.

2/ 2016 data are preliminary.

Source: Hawaii State Department of Business, Economic Development & Tourism and  
<http://www.hawaii.gov/dbedt/info/visitor-stats/> and Hawaii Tourism Authority, Tourism Research.



**Table D-9. AVERAGE DAILY VISITOR CENSUS - DOMESTIC**

<i>Year</i>	<i>First Quarter</i>	<i>Second Quarter</i>	<i>Third Quarter</i>	<i>Fourth Quarter</i>	<i>Annual</i>
In Persons 1/					
1990	110,456	116,515	119,729	105,546	113,066
1991	98,222	109,730	116,248	98,425	105,686
1992	104,319	107,219	109,188	105,612	106,589
1993	102,631	100,476	101,349	97,312	100,430
1994	107,513	107,992	110,953	105,149	107,904
1995	107,614	106,582	107,037	101,414	105,649
1996	108,516	110,119	110,669	96,377	106,404
1997	107,247	107,608	112,524	104,678	108,019
1998	117,377	110,319	111,721	108,952	112,068
1999	120,018	112,905	121,730	117,326	117,998
2000	124,638	125,173	126,075	117,911	123,442
2001	126,606	120,781	119,887	105,365	118,106
2002	122,622	119,430	126,274	115,809	121,029
2003	118,886	123,760	131,942	118,874	123,389
2004	128,237	131,766	140,130	129,234	132,355
2005	146,732	137,683	153,816	139,332	144,396
2006	149,596	147,415	156,511	144,638	149,545
2007	149,663	150,976	156,793	146,380	150,960
2008	152,981	134,204	129,701	124,250	135,239
2009	130,386	130,589	133,326	122,142	129,100
2010	131,507	133,002	144,558	136,417	136,407
2011	146,802	138,108	143,099	140,159	142,027
2012	151,796	146,486	148,332	148,940	148,887
2013	156,744	148,513	149,990	141,761	149,213
2014	154,902	149,363	151,815	148,289	151,076
2015	158,420	157,721	154,700	153,335	156,026
2016 2/	158,609	158,110	158,615	Year-to-date	158,445
Percentage Change from the Same Period in Previous Year					
1991	-11.1	-5.8	-2.9	-6.7	-6.5
1992	6.2	-2.3	-6.1	7.3	0.9
1993	-1.6	-6.3	-7.2	-7.9	-5.8
1994	4.8	7.5	9.5	8.1	7.4
1995	0.1	-1.3	-3.5	-3.6	-2.1
1996	0.8	3.3	3.4	-5.0	0.7
1997	-1.2	-2.3	1.7	8.6	1.5
1998	9.4	2.5	-0.7	4.1	3.7
1999	2.3	2.3	9.0	7.7	5.3
2000	3.8	10.9	3.6	0.5	4.6
2001	1.6	-3.5	-4.9	-10.6	-4.3
2002	-3.1	-1.1	5.3	9.9	2.5
2003	-3.0	3.6	4.5	2.6	1.9
2004	7.9	6.5	6.2	8.7	7.3
2005	14.4	4.5	9.8	7.8	9.1
2006	2.0	7.1	1.8	3.8	3.6
2007	0.0	2.4	0.2	1.2	0.9
2008	2.2	-11.1	-17.3	-15.1	-10.4
2009	-14.8	-2.7	2.8	-1.7	-4.5
2010	0.9	1.8	8.4	11.7	5.7
2011	11.6	3.8	-1.0	2.7	4.1
2012	3.4	6.1	3.7	6.3	4.8
2013	3.3	1.4	1.1	-4.8	0.2
2014	-1.2	0.6	1.2	4.6	1.2
2015	2.3	5.6	1.9	3.4	3.3
2016 2/	0.1	0.2	2.5	Year-to-date	1.0

1/ Staying overnight or longer.

2/ 2016 data are preliminary.

Source: Hawaii State Department of Business, Economic Development & Tourism and  
<http://www.hawaii.gov/dbedt/info/visitor-stats/> and Hawaii Tourism Authority, Tourism Research.

**Table D-10. AVERAGE DAILY VISITOR CENSUS - INTERNATIONAL**

<i>Year</i>	<i>First Quarter</i>	<i>Second Quarter</i>	<i>Third Quarter</i>	<i>Fourth Quarter</i>	<i>Annual</i>
In Persons 1/					
1990	42,977	38,322	44,482	40,020	41,450
1991	35,487	38,900	48,540	43,457	41,637
1992	47,312	43,870	48,496	42,959	45,660
1993	49,520	43,050	49,846	45,865	47,068
1994	51,285	42,613	52,207	48,786	48,726
1995	48,508	45,985	58,916	52,266	51,450
1996	53,539	47,177	55,917	50,903	51,892
1997	52,209	44,673	52,819	46,988	49,168
1998	50,936	38,499	46,701	45,193	45,320
1999	54,570	38,716	47,942	44,630	46,441
2000	51,158	39,642	45,360	44,626	45,196
2001	50,348	38,816	42,787	28,821	40,141
2002	40,124	33,749	41,310	41,441	39,165
2003	44,588	27,016	39,415	39,654	37,659
2004	43,242	33,132	40,806	39,306	39,126
2005	45,394	34,952	42,667	41,209	41,049
2006	49,069	32,942	39,457	38,238	39,895
2007	43,701	33,726	38,716	37,727	38,452
2008	43,051	32,299	37,801	35,851	37,248
2009	39,561	31,219	36,426	36,751	35,983
2010	46,207	36,221	42,373	41,412	41,542
2011	50,025	35,858	42,965	46,391	43,797
2012	58,884	44,587	53,191	52,845	52,380
2013	59,474	46,013	55,138	54,072	53,663
2014	62,576	48,687	52,969	56,424	55,141
2015	65,709	50,657	57,394	57,963	57,908
2016 2/	67,829	53,034	59,878	Year-to-Date	60,245
Percentage Change from the Same Period in Previous Year					
1991	-17.4	1.5	9.1	8.6	0.5
1992	33.3	12.8	-0.1	-1.1	9.7
1993	4.7	-1.9	2.8	6.8	3.1
1994	3.6	-1.0	4.7	6.4	3.5
1995	-5.4	7.9	12.9	7.1	5.6
1996	10.4	2.6	-5.1	-2.6	0.9
1997	-2.5	-5.3	-5.5	-7.7	-5.2
1998	-2.4	-13.8	-11.6	-3.8	-7.8
1999	7.1	0.6	2.7	-1.2	2.5
2000	-6.3	2.4	-5.4	0.0	-2.7
2001	-1.6	-2.1	-5.7	-35.4	-11.2
2002	-20.3	-13.1	-3.5	43.8	-2.4
2003	11.1	-20.0	-4.6	-4.3	-3.8
2004	-3.0	22.6	3.5	-0.9	3.9
2005	5.0	5.5	4.6	4.8	4.9
2006	8.1	-5.8	-7.5	-7.2	-2.8
2007	-10.9	2.4	-1.9	-1.3	-3.6
2008	-1.5	-4.2	-2.4	-5.0	-3.1
2009	-8.1	-3.3	-3.6	2.5	-3.4
2010	16.8	16.0	16.3	12.7	15.4
2011	8.3	-1.0	1.4	12.0	5.4
2012	17.7	24.3	23.8	13.9	19.6
2013	1.0	3.2	3.7	2.3	2.4
2014	5.2	5.8	-3.9	4.4	2.8
2015	5.0	4.0	8.4	2.7	5.0
2016 2/	3.2	4.7	4.3	Year-to-Date	4.1

1/ Staying overnight or longer.

2/ 2016 data are preliminary.

Source: Hawaii State Department of Business, Economic Development & Tourism and <http://www.hawaii.gov/dbedt/info/visitor-stats/> and Hawaii Tourism Authority, Tourism Research.

**Table D-11. VISITOR EXPENDITURES - BY AIR**

<i>Year</i>	<i>First Quarter</i>	<i>Second Quarter</i>	<i>Third Quarter</i>	<i>Fourth Quarter</i>	<i>Annual</i>
In Millions of Dollars 1/					
2003	2,468.0	2,202.4	2,594.5	2,579.5	9,844.4
2004	2,576.7	2,539.7	2,797.3	2,733.8	10,647.6
2005	2,820.1	2,673.4	3,158.5	2,998.1	11,650.2
2006	2,985.8	2,930.7	3,249.7	3,076.6	12,242.7
2007	3,114.7	3,015.4	3,280.7	3,167.5	12,578.3
2008	3,122.5	2,734.1	2,750.3	2,574.9	11,181.8
2009	2,568.0	2,326.8	2,450.5	2,449.0	9,794.3
2010	2,602.5	2,490.0	2,965.1	2,908.9	10,966.6
2011	3,110.6	2,740.1	3,063.2	3,133.6	12,047.4
2012	3,582.9	3,301.8	3,649.0	3,658.9	14,192.7
2013	3,795.8	3,367.9	3,644.9	3,543.8	14,352.4
2014	3,834.3	3,458.7	3,727.6	3,788.0	14,808.6
2015	3,820.0	3,630.6	3,718.2	3,769.8	14,938.5
2016 2/	3,954.2	3,706.5	3,919.0	Year-to-date	11,579.7
Percentage Change from the Same Period in Previous Year					
2003	4.5	-0.9	-1.0	4.9	1.9
2004	4.4	15.3	7.8	6.0	8.2
2005	9.4	5.3	12.9	9.7	9.4
2006	5.9	9.6	2.9	2.6	5.1
2007	4.3	2.9	1.0	3.0	2.7
2008	0.2	-9.3	-16.2	-18.7	-11.1
2009	-17.8	-14.9	-10.9	-4.9	-12.4
2010	1.3	7.0	21.0	18.8	12.0
2011	19.5	10.0	3.3	7.7	9.9
2012	15.2	20.5	19.1	16.8	17.8
2013	5.9	2.0	-0.1	-3.1	1.1
2014	1.0	2.7	2.3	6.9	3.2
2015	-0.4	5.0	-0.3	-0.5	0.9
2016 2/	3.5	2.1	5.4	Year-to-date	3.7

1/ By persons arriving by air and staying overnight or longer. Excludes supplemental business expenditures.

2/ Q1 and Q2 revised from previous QSER. 2016 data are preliminary.

Source: Hawaii State Department of Business, Economic Development & Tourism and  
<http://www.hawaii.gov/dbedt/info/visitor-stats/> and Hawaii Tourism Authority, Tourism Research.

**Table D-12. AIR SEATS OPERATED TO HAWAII - TOTAL**

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	Annual
<b>Total Seats (Scheduled + Chartered)</b>					
1999	(NA)	(NA)	(NA)	(NA)	(NA)
2000	(NA)	(NA)	(NA)	(NA)	(NA)
2001	(NA)	(NA)	2,192,010	1,923,953	(NA)
2002	1,995,837	2,097,859	2,304,618	2,255,438	8,653,752
2003	2,225,300	2,087,538	2,339,117	2,224,956	8,876,911
2004	2,328,139	2,329,177	2,506,098	2,468,236	9,631,650
2005	2,571,187	2,617,980	2,642,047	2,477,098	10,308,312
2006	2,556,265	2,630,440	2,771,804	2,634,993	10,593,502
2007	2,629,341	2,591,214	2,653,122	2,530,151	10,403,828
2008	2,636,838	2,246,199	2,277,991	2,182,465	9,343,493
2009	2,154,749	2,235,548	2,263,754	2,132,670	8,786,721
2010	2,260,814	2,327,445	2,415,229	2,296,425	9,299,913
2011	2,354,347	2,326,988	2,395,944	2,315,012	9,392,291
2012	2,462,035	2,452,327	2,696,734	2,603,303	10,214,399
2013	2,731,273	2,687,642	2,797,923	2,679,977	10,896,815
2014	2,787,960	2,763,365	2,922,971	2,821,836	11,296,132
2015	2,944,353	3,007,594	3,055,627	2,930,152	11,937,726
2016 1/	3,037,230	3,001,070	3,054,758	Year-to-Date	9,093,058
<b>Scheduled Seats</b>					
1999	2,166,977	2,076,688	2,241,009	2,251,245	8,735,919
2000	2,312,601	2,279,033	2,364,292	2,359,088	9,315,014
2001	2,297,909	2,132,015	2,113,464	1,867,016	8,410,404
2002	1,906,555	1,995,969	2,200,970	2,148,812	8,252,306
2003	2,161,729	2,016,915	2,257,507	2,121,619	8,557,770
2004	2,259,346	2,264,991	2,418,798	2,374,110	9,317,245
2005	2,496,267	2,564,740	2,577,441	2,385,158	10,023,606
2006	2,482,495	2,580,060	2,717,404	2,581,093	10,361,052
2007	2,561,381	2,545,294	2,595,892	2,488,131	10,190,698
2008	2,572,018	2,210,759	2,237,211	2,142,025	9,162,013
2009	2,126,021	2,210,420	2,238,295	2,102,037	8,676,773
2010	2,227,202	2,308,181	2,387,334	2,267,523	9,190,240
2011	2,326,688	2,303,612	2,364,133	2,281,389	9,275,822
2012	2,428,801	2,427,149	2,661,554	2,578,072	10,095,576
2013	2,690,206	2,659,002	2,765,575	2,653,936	10,768,719
2014	2,755,562	2,739,228	2,883,402	2,792,540	11,170,732
2015	2,919,243	2,985,730	3,027,796	2,900,671	11,833,440
2016 1/	3,011,576	2,980,756	3,027,523	Year-to-Date	9,019,855
<b>Chartered Seats</b>					
1999	(NA)	(NA)	(NA)	(NA)	(NA)
2000	(NA)	(NA)	(NA)	(NA)	(NA)
2001	(NA)	(NA)	78,546	56,937	(NA)
2002	89,282	101,890	103,648	106,626	401,446
2003	63,571	70,623	81,610	103,337	319,141
2004	68,793	64,186	87,300	94,126	314,405
2005	74,920	53,240	64,606	91,940	284,706
2006	73,770	50,380	54,400	53,900	232,450
2007	67,960	45,920	57,230	42,020	213,130
2008	64,820	35,440	40,780	40,440	181,480
2009	28,728	25,128	25,459	30,633	109,948
2010	33,612	19,264	27,895	28,902	109,673
2011	27,659	23,376	31,811	33,623	116,469
2012	33,234	25,178	35,180	25,231	118,823
2013	41,067	28,640	32,348	26,041	128,096
2014	32,398	24,137	39,569	29,296	125,400
2015	25,110	21,864	27,831	29,481	104,286
2016 1/	25,654	20,314	27,235	Year-to-Date	73,203

NA Not available.

1/ Q1 for Total, Domestic and International and Q2 for Total and Domestic revised from previous QSER.

Source: Hawaii State Department of Business, Economic Development & Tourism and <<http://www.hawaii.gov/dbedt/info/visitor-stats/>> and Hawaii Tourism Authority, Tourism Research.

**Table D-12. AIR SEATS OPERATED TO HAWAII - TOTAL- Con.**

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	Annual
<b>[Percentage change from the same period in previous year]</b>					
Total Seats (Scheduled + Chartered) - in percent					
2000	(NA)	(NA)	(NA)	(NA)	(NA)
2001	(NA)	(NA)	(NA)	(NA)	(NA)
2002	(NA)	(NA)	5.1	17.2	(NA)
2003	11.5	-0.5	1.5	-1.4	2.6
2004	4.6	11.6	7.1	10.9	8.5
2005	10.4	12.4	5.4	0.4	7.0
2006	-0.6	0.5	4.9	6.4	2.8
2007	2.9	-1.5	-4.3	-4.0	-1.8
2008	0.3	-13.3	-14.1	-13.7	-10.2
2009	-18.3	-0.5	-0.6	-2.3	-6.0
2010	4.9	4.1	6.7	7.7	5.8
2011	4.1	0.0	-0.8	0.8	1.0
2012	4.6	5.4	12.6	12.5	8.8
2013	10.9	9.6	3.8	2.9	6.7
2014	2.1	2.8	4.5	5.3	3.7
2015	5.6	8.8	4.5	3.8	5.7
2016 1/	3.2	-0.2	0.0	Year-to-Date	0.9
Scheduled Seats - in percent					
2000	6.7	9.7	5.5	4.8	6.6
2001	-0.6	-6.5	-10.6	-20.9	-9.7
2002	-17.0	-6.4	4.1	15.1	-1.9
2003	13.4	1.0	2.6	-1.3	3.7
2004	4.5	12.3	7.1	11.9	8.9
2005	10.5	13.2	6.6	0.5	7.6
2006	-0.6	0.6	5.4	8.2	3.4
2007	3.2	-1.3	-4.5	-3.6	-1.6
2008	0.4	-13.1	-13.8	-13.9	-10.1
2009	-17.3	0.0	0.0	-1.9	-5.3
2010	4.8	4.4	6.7	7.9	5.9
2011	4.5	-0.2	-1.0	0.6	0.9
2012	4.4	5.4	12.6	13.0	8.8
2013	10.8	9.6	3.9	2.9	6.7
2014	2.4	3.0	4.3	5.2	3.7
2015	5.9	9.0	5.0	3.9	5.9
2016 1/	3.2	-0.2	0.0	Year-to-Date	1.0
Chartered Seats - in percent					
2000	(NA)	(NA)	(NA)	(NA)	(NA)
2001	(NA)	(NA)	(NA)	(NA)	(NA)
2002	(NA)	(NA)	32.0	87.3	(NA)
2003	-28.8	-30.7	-21.3	-3.1	-20.5
2004	8.2	-9.1	7.0	-8.9	-1.5
2005	8.9	-17.1	-26.0	-2.3	-9.4
2006	-1.5	-5.4	-15.8	-41.4	-18.4
2007	-7.9	-8.9	5.2	-22.0	-8.3
2008	-4.6	-22.8	-28.7	-3.8	-14.9
2009	-55.7	-29.1	-37.6	-24.3	-39.4
2010	17.0	-23.3	9.6	-5.7	-0.3
2011	-17.7	21.3	14.0	16.3	6.2
2012	20.2	7.7	10.6	-25.0	2.0
2013	23.6	13.8	-8.1	3.2	7.8
2014	-21.1	-15.7	22.3	12.5	-2.1
2015	-22.5	-9.4	-29.7	0.6	-16.8
2016 1/	2.2	-7.1	-2.1	Year-to-Date	-2.1

NA Not available.

1/ Q1 for Total, Domestic and International and Q2 for Total and Domestic revised from previous QSER.

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

<<http://www.hawaii.gov/dbedt/info/visitor-stats/>> and Hawaii Tourism Authority, Tourism Research.

**Table D-13. AIR SEATS OPERATED TO HAWAII - DOMESTIC**

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	Annual
<b>Total Seats (Scheduled + Chartered)</b>					
1999	(NA)	(NA)	(NA)	(NA)	(NA)
2000	(NA)	(NA)	(NA)	(NA)	(NA)
2001	(NA)	(NA)	1,401,305	1,283,898	(NA)
2002	1,324,661	1,406,941	1,565,011	1,497,980	5,794,593
2003	1,461,443	1,528,413	1,661,770	1,558,075	6,209,701
2004	1,654,050	1,682,217	1,773,314	1,724,617	6,834,198
2005	1,809,471	1,891,777	1,892,885	1,742,418	7,336,551
2006	1,808,635	1,958,862	2,060,688	1,898,119	7,726,304
2007	1,855,547	1,894,335	1,954,422	1,856,518	7,560,822
2008	1,949,847	1,636,823	1,657,331	1,560,743	6,804,744
2009	1,539,210	1,633,614	1,654,555	1,498,743	6,326,122
2010	1,572,490	1,718,216	1,791,648	1,659,178	6,741,532
2011	1,639,049	1,692,366	1,703,130	1,595,122	6,629,667
2012	1,627,240	1,706,459	1,873,359	1,772,984	6,980,042
2013	1,804,082	1,825,370	1,887,603	1,746,508	7,263,563
2014	1,806,392	1,875,149	2,038,800	1,906,284	7,626,625
2015	1,966,533	2,118,551	2,133,742	2,005,738	8,224,564
2016 1/	2,042,791	2,104,694	2,161,008	Year-to-Date	6,308,493
<b>Scheduled Seats</b>					
1999	1,233,878	1,244,910	1,370,212	1,342,235	5,191,235
2000	1,413,788	1,423,766	1,483,918	1,453,831	5,775,303
2001	1,422,430	1,349,219	1,328,649	1,228,725	5,329,023
2002	1,258,617	1,322,385	1,471,423	1,409,133	5,461,558
2003	1,403,566	1,462,693	1,589,798	1,495,587	5,951,644
2004	1,598,197	1,629,951	1,700,354	1,648,491	6,576,993
2005	1,766,151	1,854,537	1,851,079	1,700,478	7,172,245
2006	1,769,075	1,918,882	2,019,848	1,858,219	7,566,024
2007	1,813,587	1,854,815	1,905,972	1,825,698	7,400,072
2008	1,908,987	1,603,763	1,626,551	1,531,103	6,670,404
2009	1,517,682	1,612,086	1,634,959	1,476,663	6,241,390
2010	1,553,170	1,700,552	1,773,708	1,640,962	6,668,392
2011	1,621,937	1,674,702	1,685,190	1,577,182	6,559,011
2012	1,608,748	1,689,899	1,858,179	1,758,080	6,914,906
2013	1,790,282	1,811,018	1,873,251	1,731,604	7,206,155
2014	1,781,028	1,851,306	2,017,260	1,886,710	7,536,304
2015	1,944,214	2,098,146	2,117,316	1,985,760	8,145,436
2016	2,024,558	2,086,927	2,145,779	Year-to-Date	6,257,264
<b>Chartered Seats</b>					
1999	(NA)	(NA)	(NA)	(NA)	(NA)
2000	(NA)	(NA)	(NA)	(NA)	(NA)
2001	(NA)	(NA)	72,656	55,173	(NA)
2002	66,044	84,556	93,588	88,847	333,035
2003	57,877	65,720	71,972	62,488	258,057
2004	55,853	52,266	72,960	76,126	257,205
2005	43,320	37,240	41,806	41,940	164,306
2006	39,640	41,260	40,840	39,900	161,640
2007	41,960	39,520	48,450	30,820	160,750
2008	40,860	33,060	30,780	29,640	134,340
2009	21,528	21,528	19,596	22,080	84,732
2010	19,320	17,664	17,940	18,216	73,140
2011	17,112	17,664	17,940	17,940	70,656
2012	18,492	16,560	15,180	14,904	65,136
2013	13,800	14,352	14,352	14,904	57,408
2014	25,364	23,843	21,540	19,574	90,321
2015	22,319	20,405	16,426	19,978	79,128
2016 1/	18,233	17,767	15,229	Year-to-Date	51,229

NA Not available.

1/ Q1 revised from previous QSER.

Source: Hawaii State Department of Business, Economic Development & Tourism and <http://www.hawaii.gov/dbedt/info/visitor-stats/> and Hawaii Tourism Authority, Tourism Research.

**Table D-13. AIR SEATS OPERATED TO HAWAII - DOMESTIC- Con.**

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	Annual
<b>[Percentage change from the same period in previous year]</b>					
Total Seats (Scheduled + Chartered) - in percent					
2000	(NA)	(NA)	(NA)	(NA)	(NA)
2001	(NA)	(NA)	(NA)	(NA)	(NA)
2002	(NA)	(NA)	11.7	16.7	(NA)
2003	10.3	8.6	6.2	4.0	7.2
2004	13.2	10.1	6.7	10.7	10.1
2005	9.4	12.5	6.7	1.0	7.4
2006	0.0	3.5	8.9	8.9	5.3
2007	2.6	-3.3	-5.2	-2.2	-2.1
2008	5.1	-13.6	-15.2	-15.9	-10.0
2009	-21.1	-0.2	-0.2	-4.0	-7.0
2010	2.2	5.2	8.3	10.7	6.6
2011	4.2	-1.5	-4.9	-3.9	-1.7
2012	-0.7	0.8	10.0	11.2	5.3
2013	10.9	7.0	0.8	-1.5	4.1
2014	0.1	2.7	8.0	9.1	5.0
2015	8.9	13.0	4.7	5.2	7.8
2016 1/	3.9	-0.7	1.3	Year-to-Date	1.4
Scheduled Seats - in percent					
2000	14.6	14.4	8.3	8.3	11.3
2001	0.6	-5.2	-10.5	-15.5	-7.7
2002	-11.5	-2.0	10.7	14.7	2.5
2003	11.5	10.6	8.0	6.1	9.0
2004	13.9	11.4	7.0	10.2	10.5
2005	10.5	13.8	8.9	3.2	9.1
2006	0.2	3.5	9.1	9.3	5.5
2007	2.5	-3.3	-5.6	-1.8	-2.2
2008	5.3	-13.5	-14.7	-16.1	-9.9
2009	-20.5	0.5	0.5	-3.6	-6.4
2010	2.3	5.5	8.5	11.1	6.8
2011	4.4	-1.5	-5.0	-3.9	-1.6
2012	-0.8	0.9	10.3	11.5	5.4
2013	11.3	7.2	0.8	-1.5	4.2
2014	-0.5	2.2	7.7	9.0	4.6
2015	9.2	13.3	5.0	5.2	8.1
2016	4.1	-0.5	1.3	Year-to-Date	1.6
Chartered Seats - in percent					
2000	(NA)	(NA)	(NA)	(NA)	(NA)
2001	(NA)	(NA)	(NA)	(NA)	(NA)
2002	(NA)	(NA)	28.8	61.0	(NA)
2003	-12.4	-22.3	-23.1	-29.7	-22.5
2004	-3.5	-20.5	1.4	21.8	-0.3
2005	-22.4	-28.7	-42.7	-44.9	-36.1
2006	-8.5	10.8	-2.3	-4.9	-1.6
2007	5.9	-4.2	18.6	-22.8	-0.6
2008	-2.6	-16.3	-36.5	-3.8	-16.4
2009	-47.3	-34.9	-36.3	-25.5	-36.9
2010	-10.3	-17.9	-8.5	-17.5	-13.7
2011	-11.4	0.0	0.0	-1.5	-3.4
2012	8.1	-6.3	-15.4	-16.9	-7.8
2013	-25.4	-13.3	-5.5	0.0	-11.9
2014	83.8	66.1	50.1	31.3	57.3
2015	-12.0	-14.4	-23.7	2.1	-12.4
2016 1/	-18.3	-12.9	-7.3	Year-to-Date	-13.4

NA Not available.

1/ Q1 revised from previous QSER.

Source: Hawaii State Department of Business, Economic Development & Tourism and  
 <<http://www.hawaii.gov/dbedt/info/visitor-stats/>> and Hawaii Tourism Authority, Tourism Research.

**Table D-14. AIR SEATS OPERATED TO HAWAII - INTERNATIONAL**

<i>Year</i>	<i>First Quarter</i>	<i>Second Quarter</i>	<i>Third Quarter</i>	<i>Fourth Quarter</i>	<i>Annual</i>
<b>Total Seats (Scheduled + Chartered)</b>					
1999	(NA)	(NA)	(NA)	(NA)	(NA)
2000	(NA)	(NA)	(NA)	(NA)	(NA)
2001	(NA)	(NA)	790,705	640,055	(NA)
2002	671,176	690,918	739,607	757,458	2,859,159
2003	763,857	559,125	677,347	666,881	2,667,210
2004	674,089	646,960	732,784	743,619	2,797,452
2005	761,716	726,203	749,162	734,680	2,971,761
2006	747,630	671,578	711,116	736,874	2,867,198
2007	773,794	696,879	698,700	673,633	2,843,006
2008	686,991	609,376	620,660	621,722	2,538,749
2009	615,539	601,934	609,199	633,927	2,460,599
2010	688,324	609,229	623,581	637,247	2,558,381
2011	715,298	634,622	692,814	719,890	2,762,624
2012	834,795	745,868	823,375	830,319	3,234,357
2013	927,191	862,272	910,320	933,469	3,633,252
2014	981,568	888,510	884,171	915,552	3,669,801
2015	977,820	889,043	921,885	924,414	3,713,162
2016 1/	994,439	896,376	893,750	Year-to-Date	2,784,565
<b>Scheduled Seats</b>					
1999	933,099	831,778	870,797	909,010	3,544,684
2000	898,813	855,267	880,374	905,257	3,539,711
2001	875,479	782,796	784,815	638,291	3,081,381
2002	647,938	673,584	729,547	739,679	2,790,748
2003	758,163	554,222	667,709	626,032	2,606,126
2004	661,149	635,040	718,444	725,619	2,740,252
2005	730,116	710,203	726,362	684,680	2,851,361
2006	713,420	661,178	697,556	722,874	2,795,028
2007	747,794	690,479	689,920	662,433	2,790,626
2008	663,031	606,996	610,660	610,922	2,491,609
2009	608,339	598,334	603,336	625,374	2,435,383
2010	674,032	607,629	613,626	626,561	2,521,848
2011	704,751	628,910	678,943	704,207	2,716,811
2012	820,053	737,250	803,375	819,992	3,180,670
2013	899,924	847,984	892,324	922,332	3,562,564
2014	974,534	887,922	866,142	905,830	3,634,428
2015	975,029	887,584	910,480	914,911	3,688,004
2016 1/	987,018	893,829	881,744	Year-to-Date	2,762,591
<b>Chartered Seats</b>					
1999	(NA)	(NA)	(NA)	(NA)	(NA)
2000	(NA)	(NA)	(NA)	(NA)	(NA)
2001	(NA)	(NA)	5,890	1,764	(NA)
2002	23,238	17,334	10,060	17,779	68,411
2003	5,694	4,903	9,638	40,849	61,084
2004	12,940	11,920	14,340	18,000	57,200
2005	31,600	16,000	22,800	50,000	120,400
2006	34,210	10,400	13,560	14,000	72,170
2007	26,000	6,400	8,780	11,200	52,380
2008	23,960	2,380	10,000	10,800	47,140
2009	7,200	3,600	5,863	8,553	25,216
2010	14,292	1,600	9,955	10,686	36,533
2011	10,547	5,712	13,871	15,683	45,813
2012	14,742	8,618	20,000	10,327	53,687
2013	27,267	14,288	17,996	11,137	70,688
2014	7,034	588	18,029	9,722	35,373
2015	2,791	1,459	11,405	9,503	25,158
2016	7,421	2,547	12,006	Year-to-Date	21,974

NA Not available.

1/ Q1 and Q2 revised from previous *QSER*.

Source: Hawaii State Department of Business, Economic Development & Tourism and <http://www.hawaii.gov/dbedt/info/visitor-stats/> and Hawaii Tourism Authority, Tourism Research.



**Table D-14. AIR SEATS OPERATED TO HAWAII - INT'L- Con.**

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	Annual
<b>[Percentage change from the same period in previous year]</b>					
<b>Total Seats (Scheduled + Chartered) - in percent</b>					
2000	(NA)	(NA)	(NA)	(NA)	(NA)
2001	(NA)	(NA)	(NA)	(NA)	(NA)
2002	(NA)	(NA)	-6.5	18.3	(NA)
2003	13.8	-19.1	-8.4	-12.0	-6.7
2004	-11.8	15.7	8.2	11.5	4.9
2005	13.0	12.2	2.2	-1.2	6.2
2006	-1.8	-7.5	-5.1	0.3	-3.5
2007	3.5	3.8	-1.7	-8.6	-0.8
2008	-11.2	-12.6	-11.2	-7.7	-10.7
2009	-10.4	-1.2	-1.8	2.0	-3.1
2010	11.8	1.2	2.4	0.5	4.0
2011	3.9	4.2	11.1	13.0	8.0
2012	16.7	17.5	18.8	15.3	17.1
2013	11.1	15.6	10.6	12.4	12.3
2014	5.9	3.0	-2.9	-1.9	1.0
2015	-0.4	0.1	4.3	1.0	1.2
2016 1/	1.7	0.8	-3.1	Year-to-Date	-0.2
<b>Scheduled Seats - in percent</b>					
2000	-3.7	2.8	1.1	-0.4	-0.1
2001	-2.6	-8.5	-10.9	-29.5	-12.9
2002	-26.0	-14.0	-7.0	15.9	-9.4
2003	17.0	-17.7	-8.5	-15.4	-6.6
2004	-12.8	14.6	7.6	15.9	5.1
2005	10.4	11.8	1.1	-5.6	4.1
2006	-2.3	-6.9	-4.0	5.6	-2.0
2007	4.8	4.4	-1.1	-8.4	-0.2
2008	-11.3	-12.1	-11.5	-7.8	-10.7
2009	-8.2	-1.4	-1.2	2.4	-2.3
2010	10.8	1.6	1.7	0.2	3.6
2011	4.6	3.5	10.6	12.4	7.7
2012	16.4	17.2	18.3	16.4	17.1
2013	9.7	15.0	11.1	12.5	12.0
2014	8.3	4.7	-2.9	-1.8	2.0
2015	0.1	0.0	5.1	1.0	1.5
2016 1/	1.2	0.7	-3.2	Year-to-Date	-0.4
<b>Chartered Seats - in percent</b>					
2000	(NA)	(NA)	(NA)	(NA)	(NA)
2001	(NA)	(NA)	(NA)	(NA)	(NA)
2002	(NA)	(NA)	70.8	907.9	(NA)
2003	-75.5	-71.7	-4.2	129.8	-10.7
2004	127.3	143.1	48.8	-55.9	-6.4
2005	144.2	34.2	59.0	177.8	110.5
2006	8.3	-35.0	-40.5	-72.0	-40.1
2007	-24.0	-38.5	-35.3	-20.0	-27.4
2008	-7.8	-62.8	13.9	-3.6	-10.0
2009	-69.9	51.3	-41.4	-20.8	-46.5
2010	98.5	-55.6	69.8	24.9	44.9
2011	-26.2	257.0	39.3	46.8	25.4
2012	39.8	50.9	44.2	-34.2	17.2
2013	85.0	65.8	-10.0	7.8	31.7
2014	-74.2	-95.9	0.2	-12.7	-50.0
2015	-60.3	148.1	-36.7	-2.3	-28.9
2016	165.9	74.5	5.3	Year-to-Date	40.4

NA Not available.

1/ Q1 and Q2 revised from previous QSER.

Source: Hawaii State Department of Business, Economic Development & Tourism and  
<http://www.hawaii.gov/dbedt/info/visitor-stats/> and Hawaii Tourism Authority, Tourism Research.

**Table D-15. HOTEL OCCUPANCY RATE**

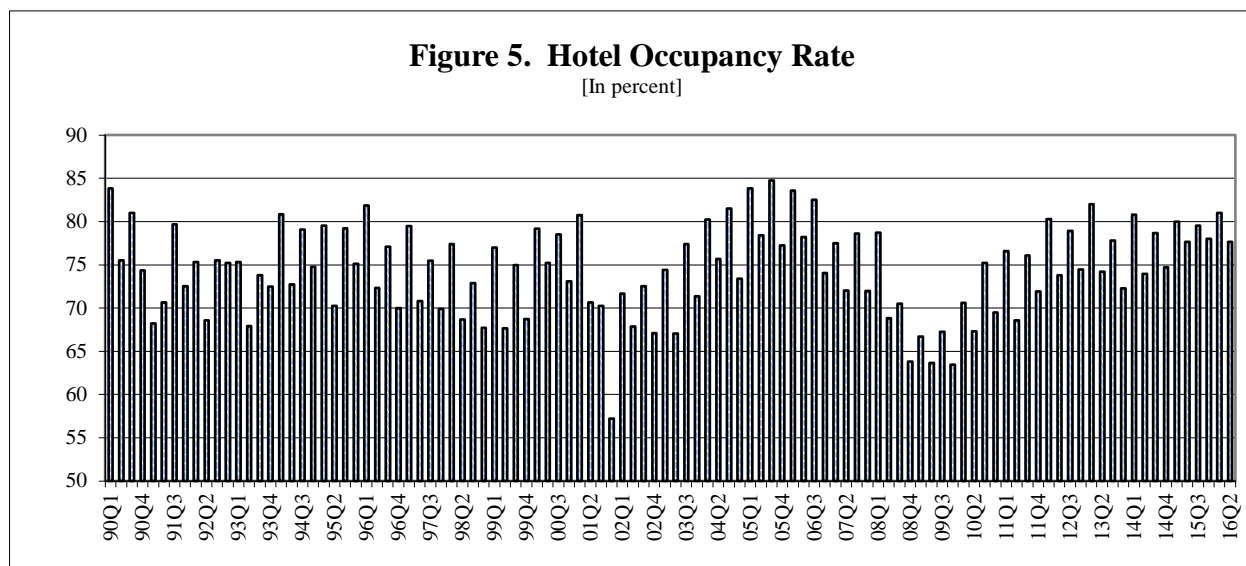
Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	Annual Average
In Percent					
1982	79.0	65.9	70.9	66.7	70.4
1983	75.2	68.1	71.7	66.5	69.7
1984	84.0	75.6	74.6	75.1	76.0
1985	88.1	69.1	75.0	72.5	76.1
1986	87.0	78.8	79.9	76.8	81.7
1987	88.0	77.1	82.1	77.8	81.1
1988	81.7	75.1	81.3	75.1	78.5
1989	85.9	73.9	81.0	75.7	79.0
1990	83.9	75.5	81.0	74.3	78.8
1991	68.2	70.7	79.7	72.5	72.4
1992	75.3	68.6	75.5	75.2	72.7
1993	75.3	67.9	73.8	72.5	72.0
1994	80.9	72.7	79.1	74.8	76.5
1995	79.5	70.3	79.2	75.1	75.8
1996	81.9	72.3	77.1	70.0	75.2
1997	79.5	70.8	75.5	69.9	73.9
1998	77.4	68.7	72.9	67.7	71.5
1999	77.0	67.7	75.0	68.7	72.1
2000	79.2	75.2	78.5	73.1	76.0
2001	80.7	70.7	70.3	57.2	69.2
2002	71.7	67.9	72.5	67.1	69.7
2003	74.4	67.1	77.4	71.3	72.6
2004	80.2	75.7	81.5	73.4	77.7
2005	83.8	78.4	84.8	77.2	81.1
2006	83.6	78.2	82.5	74.1	79.5
2007	77.5	72.0	78.6	72.0	75.0
2008	78.7	68.8	70.5	63.8	70.4
2009	66.7	63.7	67.3	63.5	64.8
2010	70.6	67.3	75.2	69.5	70.7
2011	76.6	68.6	76.1	71.9	73.2
2012	80.3	73.8	78.9	74.5	76.9
2013	82.0	74.2	77.8	72.3	76.5
2014	80.8	74.0	78.7	74.7	77.0
2015 1/	80.0	77.7	79.5	78.0	78.8
2016 1/	81.0	77.6	(NA)	Year-to-Date	79.3

NA Not available.

The 2nd, 3rd, and 4th Quarter averages are computed by Hawaii State Department of Business, Economic Development & Tourism from PKF-Hawaii monthly averages through January 1995 and Hospitality Advisors LLC monthly averages from February 1995. The 1st quarter and Annual are as released or revised by source.

1/ Source revises each month of previous year when current year is released, i.e. 2016Q1.

Source: Hawaii State Department of Business, Economic Development & Tourism, PKF-Hawaii and Hospitality Advisors LLC.



## E. CONSTRUCTION

The indicators of Hawaii's construction industry were mixed in the third quarter of 2016. The construction jobs, and government contracts awarded increased, but State CIP expenditures decreased.

Construction has been one of the steady contributors to job growth in Hawaii over the past few years. In the third quarter of 2016, the construction sector added 4,200 jobs or 11.8 percent compared with the same quarter of 2015. In the first three quarters of 2016, the construction sector added 5,600 jobs or 16.5 percent (Table A-7) from the same period in 2015. Before the recession, specifically the period 2002 through 2007, construction job growth averaged 8.0 percent per year. In the fourth quarter of 2007, the average number of construction jobs reached a peak of 40,000 jobs. The strength of the current construction job market is a sharp contrast to the recession period. From the second quarter of 2008 until the second quarter of 2011 quarter-over-quarter construction job growth was negative in all quarters.

The third quarter of 2016, private building authorizations in the state could not yet be computed as Maui building permits had not yet been released for September (Table E-8). Please check back as the tables will be updated and uploaded as feasible.

In the third quarter of 2016, private building authorizations in Honolulu increased \$41.6 million or 7.1 percent, compared with the third quarter of 2015 (Table E-8). In the first three quarters of 2016, private building authorizations in Honolulu decreased \$185.9 million or 10.5 percent compared with the same period last year.

In the third quarter of 2016, private building authorizations in Hawaii County decreased \$23.3 million or 13.9 percent, compared with the third quarter of 2015 (Table E-8). In the first three quarters of 2016, private building authorizations in Hawaii County decreased \$70.2 million or 13.5 percent compared with the same period last year.

In the third quarter of 2016, private building authorizations (residential only) in Kauai increased \$10.8 million or 37.0 percent, compared with the

third quarter of 2015 (Table E-8). In the first three quarters of 2016, private building authorizations in Kauai increased \$21.9 million or 26.6 percent compared with the same period last year.

Government contracts awarded increased \$428.0 million or 87.9 percent in the third quarter of 2016 compared with the previous year. In the first three quarters of 2016, government contracts awarded increased \$49.7 million or 3.6 percent compared with the previous year (Table E-1). State government CIP expenditures decreased \$7.8 million or 3.0 percent in the third quarter of 2016 (Table E-2). In the first three quarters of 2016, CIP expenditures increased \$57.4 million or 6.3 percent compared with the same period last year.

The Honolulu Construction Cost Index increased 3.0 percent in the third quarter of 2016 compared to the same quarter of 2015 for Single Family Residence (Table E-6) and 1.8 percent for High-Rise Building (Table E-7). In the first three quarters of 2016 compared to 2015 the index for Single Family Residence increased 1.9 percent and 1.8 percent for High-Rise Building.

In the second quarter of 2016, Honolulu's median price for single family resales was \$730,000, an increase of \$40,000 or 5.8 percent from the same quarter of 2015 (Table E-11). The median price for condominium units was \$390,000, up \$35,000 or 9.9 percent from the same quarter of the previous year (Table E-12). In the third quarter of 2016, the number of single-family unit resales was down 1.5 percent, and the number of condominium unit resales was up 2.0 percent compared with the third quarter of 2015 (Tables E-13 and E-14). In the first three quarters of 2016, the number of single-family unit resales was up 4.2 percent, and condominium unit resales was up 7.5 percent compared with the same period last year.

In the third quarter of 2016, in Maui County single-family unit resales decreased 15.8 percent, and condominium unit resales increased 12.5 percent compared to the same quarter of 2015 (Tables E-19 and E-20).

**Table E-1. ESTIMATED VALUE OF COMPLETED CONSTRUCTION, NEW PRIVATE BUILDING AUTHORIZATIONS, AND GOVERNMENT CONTRACTS AWARDED**

Year	Contracting tax base 1/	Private Building Authorization 4/			Government Contracts Awarded	
		Total Private Authorizations	Residential 4/	Commercial & Industrial 2/		Additions & Alterations
In Millions of Dollars						
1982	1,294.9	683.1	299.2	242.9	141.1	391.6
1983	1,353.4	685.2	296.2	203.2	185.9	275.0
1984	1,242.9	581.5	327.7	104.0	149.9	388.7
1985	1,367.7	888.9	500.1	208.8	180.1	248.9
1986	1,808.0	1,025.2	455.5	267.4	302.3	422.7
1987	2,003.1	1,161.9	507.0	344.4	310.5	370.9
1988	2,487.6	1,546.5	689.2	541.2	316.1	665.0
1989	3,112.8	1,882.4	910.7	561.8	409.9	725.2
1990	4,003.7	2,101.8	952.3	698.0	451.5	825.5
1991	4,334.1	2,151.8	1,192.0	556.2	403.7	729.4
1992	4,012.7	1,751.9	811.1	532.3	408.5	1,159.1
1993	3,803.6	1,505.4	742.1	308.0	455.3	651.8
1994	3,322.3	1,612.9	849.3	370.3	393.4	693.0
1995	3,133.5	1,531.3	745.5	368.3	417.5	490.2
1996	3,285.1	1,117.8	487.0	252.8	378.0	885.5
1997	2,944.4	1,179.2	542.5	264.5	372.2	615.6
1998	3,016.0	1,054.3	485.5	205.6	363.2	685.1
1999	2,991.2	1,320.2	628.8	306.2	385.3	584.8
2000 3/	3,613.5	1,512.6	800.1	246.2	466.2	810.9
2001	3,766.4	1,585.7	882.4	329.1	374.2	715.7
2002 4/	4,275.0	1,772.0	1,112.9	254.2	404.9	768.3
2003 4/	4,536.3	2,361.2	1,345.1	507.5	508.6	633.4
2004 4/	4,921.5	2,726.5	1,767.7	303.3	655.6	1,384.6
2005 4/	6,024.0	3,492.0	2,259.3	433.5	799.1	725.1
2006 4/	7,223.3	3,770.1	1,811.8	732.0	1,226.2	853.8
2007 4/	8,072.9	3,585.4	1,855.4	703.9	1,026.2	869.5
2008 4/	7,987.1	2,906.6	1,381.6	427.1	1,097.9	952.8
2009 4/	6,641.7	1,998.9	799.2	284.8	914.9	778.6
2010 4/	5,589.8	1,980.3	779.0	377.5	823.8	1,057.6
2011 4/	5,837.4	1,858.8	687.9	285.9	884.9	430.7
2012 4/	7,006.1	2,643.8	837.2	271.1	1,535.5	772.9
2013 4/	7,330.0	2,720.5	1,025.0	296.5	1,399.0	1,194.2
2014 4/	7,024.0	3,315.1	985.9	498.5	1,830.6	1,096.6
2015 4/	8,112.2	3,963.6	1,651.3	702.9	1,609.4	1,554.6
1998 1 Qtr.	757.1	260.4	118.2	50.4	91.9	155.3
2 Qtr.	706.3	246.7	121.3	48.4	76.9	127.5
3 Qtr.	793.6	296.0	123.5	55.1	117.3	218.7
4 Qtr.	759.0	251.3	122.6	51.7	77.0	183.5
1999 1 Qtr.	732.1	342.9	141.6	125.0	76.3	177.3
2 Qtr.	737.0	314.3	153.4	72.3	88.5	104.6
3 Qtr.	758.1	314.0	151.1	63.9	99.0	147.1
4 Qtr.	764.0	349.0	182.6	45.0	121.4	155.8
2000 1 Qtr.	877.6	351.8	203.3	61.3	87.3	217.1
2 Qtr.	869.1	392.9	194.9	72.9	125.1	96.6
3 Qtr.	894.9	377.4	204.1	59.1	114.2	405.1
3/ 4 Qtr.	971.8	390.4	197.9	52.9	139.6	92.1
2001 1 Qtr.	920.5	362.5	186.3	96.6	79.6	178.0
2 Qtr.	918.4	423.6	234.3	77.9	111.5	175.7
3 Qtr.	893.2	421.0	256.3	68.3	96.4	113.1
4 Qtr.	1,034.3	378.6	205.6	86.3	86.7	248.9
2002 4/ 1 Qtr.	913.7	336.3	191.7	47.0	97.6	250.8
4/ 2 Qtr.	1,025.0	437.1	276.9	59.3	100.9	133.6
4/ 3 Qtr.	1,213.7	497.6	346.6	47.2	103.8	255.7
4/ 4 Qtr.	1,122.5	501.1	297.7	100.7	102.6	128.2
2003 4/ 1 Qtr.	1,122.3	655.1	326.0	217.9	111.3	168.3
4/ 2 Qtr.	1,139.3	716.7	398.1	155.3	163.3	86.0
4/ 3 Qtr.	1,179.6	531.0	316.5	87.9	126.6	228.3
4/ 4 Qtr.	1,095.1	458.4	304.6	46.4	107.4	150.8
2004 4/ 1 Qtr.	1,143.3	780.8	542.5	107.4	130.8	256.7
4/ 2 Qtr.	1,126.0	718.9	440.5	50.8	227.6	804.1
4/ 3 Qtr.	1,345.9	597.6	366.0	73.0	158.6	187.2
4/ 4 Qtr.	1,306.3	629.3	418.7	72.1	138.5	136.6
2005 4/ 1 Qtr.	1,440.9	706.5	420.3	48.7	237.6	213.6
4/ 2 Qtr.	1,429.8	728.5	450.7	103.4	174.4	105.5
4/ 3 Qtr.	1,608.1	1,050.5	662.1	220.1	168.4	314.4
4/ 4 Qtr.	1,545.1	1,006.4	726.2	61.4	218.8	91.5
2006 4/ 1 Qtr.	1,714.7	766.2	481.1	61.1	224.0	297.2
4/ 2 Qtr.	1,677.1	908.1	451.6	160.7	295.9	174.4
4/ 3 Qtr.	1,920.2	1,051.5	460.5	206.5	384.5	220.6
4/ 4 Qtr.	1,911.3	1,044.2	418.6	303.8	321.8	161.6
2007 4/ 1 Qtr.	1,991.0	737.1	412.1	59.7	265.3	180.1
4/ 2 Qtr.	2,081.1	1,085.7	668.8	222.6	194.2	317.7
4/ 3 Qtr.	1,924.9	896.3	412.1	144.3	339.9	255.1
4/ 4 Qtr.	2,075.9	866.3	362.3	277.2	226.8	116.5
2008 4/ 1 Qtr.	1,885.1	741.1	353.2	94.0	293.9	196.2
4/ 2 Qtr.	1,977.5	1,048.5	517.4	154.7	376.5	132.8
4/ 3 Qtr.	2,095.9	690.0	346.5	132.3	211.3	351.8
4/ 4 Qtr.	2,028.6	426.8	164.5	46.2	216.2	272.0
2009 4/ 1 Qtr.	1,779.9	542.2	276.3	38.8	227.0	167.2
4/ 2 Qtr.	1,726.6	470.7	160.5	97.3	212.8	197.3
4/ 3 Qtr.	1,580.1	558.8	193.4	56.5	308.9	233.8
4/ 4 Qtr.	1,555.1	427.3	169.0	92.1	166.1	180.4
2010 4/ 1 Qtr.	1,427.0	455.3	235.4	53.1	166.9	83.1
4/ 2 Qtr.	1,301.9	537.3	184.9	123.5	228.9	353.7
4/ 3 Qtr.	1,487.7	552.4	196.3	84.3	271.8	352.6
4/ 4 Qtr.	1,373.2	435.3	162.5	116.6	156.2	268.2
2011 4/ 1 Qtr.	1,382.9	380.9	146.8	48.1	186.1	75.4
4/ 2 Qtr.	1,443.6	438.4	178.4	47.2	212.7	63.0
4/ 3 Qtr.	1,468.2	537.7	206.7	80.2	250.8	124.5
4/ 4 Qtr.	1,542.7	501.8	156.1	110.4	235.3	167.7
2012 4/ 1 Qtr.	1,561.4	556.7	145.3	61.5	349.9	71.4
4/ 2 Qtr.	1,680.8	647.3	246.6	50.6	350.1	280.6
4/ 3 Qtr.	1,858.5	686.6	200.2	75.7	410.7	323.3
4/ 4 Qtr.	1,905.5	753.2	245.1	83.3	424.8	97.5
2013 4/ 1 Qtr.	1,847.6	629.1	289.1	46.9	293.0	228.8
4/ 2 Qtr.	1,935.3	714.0	193.3	145.7	375.1	371.0
4/ 3 Qtr.	1,844.9	688.4	317.4	27.5	343.6	481.4
4/ 4 Qtr.	1,702.1	689.0	225.2	76.5	387.3	113.1
2014 4/ 1 Qtr.	1,732.3	758.4	150.6	94.9	512.9	155.7
4/ 2 Qtr.	1,766.6	806.5	305.6	80.7	420.2	291.3
4/ 3 Qtr.	1,666.4	789.6	230.4	73.8	485.4	394.9
4/ 4 Qtr.	1,858.7	960.6	299.3	249.2	412.1	254.7
2015 4/ 1 Qtr.	1,801.4	1,297.6	482.5	383.6	431.5	225.0
4/ 2 Qtr.	1,995.3	840.4	412.7	113.9	313.7	680.8
4/ 3 Qtr.	2,212.3	892.2	338.3	111.0	442.9	487.1
4/ 4 Qtr.	2,103.3	933.4	417.8	94.4	421.2	161.7
2016 4/ 1 Qtr.	1,745.4	545.6	223.1	30.2	292.3	175.0
4/ 2 Qtr.	2,123.9	960.2	429.6	75.6	455.0	352.5
4/ 3 Qtr.	(NA)	(NA)	(NA)	(NA)	(NA)	915.1

NA Not available.

First Hawaiian Bank has discontinued compiling Government Contracts Awarded. Hawaii State Department of Business, Economic Development & Tourism has compiled preliminary estimates beginning with the fourth quarter 1997 based on data in Building Industry.

1/ Formerly, this category was "Value of Construction Completed", subject to revision by Hawaii State Department of Taxation.

2/ Includes hotels.

3/ Kauai County Private Building Authorizations data for November consist of residential data only.

4/ Beginning with 2002 Kauai Private Building Authorizations data available for residential only.

Source: Hawaii State Department of Taxation; county building departments; U.S. Census Bureau; First Hawaiian Bank; Building Industry.

**Table E-1. ESTIMATED VALUE OF COMPLETED CONSTRUCTION, NEW PRIVATE BUILDING AUTHORIZATIONS, AND GOVERNMENT CONTRACTS AWARDED - Con.**

Year	Contracting tax base 1/	Private Building Authorization 4/				Government Contracts Awarded
		Total Private Authorizations	Residential 4/	Commercial & Industrial 2/	Additions & Alterations	
Percentage Change from the Same Period in Previous Year						
1983	4.5	0.3	-1.0	-16.3	31.8	-29.8
1984	-8.2	-15.1	10.6	-48.8	-19.4	41.3
1985	10.0	52.9	52.6	100.8	20.1	-36.0
1986	32.2	15.3	-8.9	28.1	67.9	69.8
1987	10.8	13.3	11.3	28.8	2.7	-12.3
1988	24.2	33.1	35.9	57.1	1.8	79.3
1989	25.1	21.7	32.1	3.8	29.7	9.1
1990	28.6	11.7	4.6	24.2	10.1	13.8
1991	8.3	2.4	25.2	-20.3	-10.6	-11.6
1992	-7.4	-18.6	-32.0	-4.3	1.2	58.9
1993	-5.2	-14.1	-8.5	-42.1	11.5	-43.8
1994	-12.7	7.1	14.4	20.2	-13.6	6.3
1995	-5.7	-5.1	-12.2	-0.5	6.1	-29.3
1996	4.8	-27.0	-34.7	-31.4	-9.5	80.6
1997	-10.4	5.5	11.4	4.6	-1.5	-30.5
1998	2.4	-10.6	-10.5	-22.3	-2.4	11.3
1999	-0.8	25.2	29.5	48.9	6.1	-14.6
2000 3/	20.8	14.6	27.3	-19.6	21.0	38.7
2001	4.2	4.8	10.3	33.7	-19.7	-11.7
2002 4/	13.5	11.7	26.1	-22.8	8.2	7.3
2003 4/	6.1	33.3	20.9	99.7	25.6	-17.6
2004 4/	8.5	15.5	31.4	-40.2	28.9	118.6
2005 4/	22.4	28.1	27.8	43.0	21.9	-47.6
2006 4/	19.9	8.0	-19.8	68.8	53.4	17.8
2007 4/	11.8	-4.9	2.4	-3.8	-16.3	1.8
2008 4/	-1.1	-18.9	-25.5	-39.3	7.0	9.6
2009 4/	-16.8	-31.2	-42.2	-33.3	-16.7	-18.3
2010 4/	-15.8	-0.9	-2.5	32.5	-10.0	35.8
2011 4/	4.4	-6.1	-11.7	-24.3	7.4	-59.3
2012 4/	20.0	42.2	21.7	-5.2	73.5	79.4
2013 4/	4.6	2.9	22.4	9.4	-8.9	54.5
2014 4/	-4.2	21.9	-3.8	68.1	30.8	-8.2
2015 4/	15.5	19.6	67.5	41.0	-12.1	41.8
1999 1 Qtr.	-3.3	31.7	19.8	148.2	-17.0	14.1
2 Qtr.	4.3	27.4	26.5	49.4	15.1	-18.0
3 Qtr.	-4.5	6.1	22.4	15.9	-15.6	-32.8
4 Qtr.	0.7	38.9	49.0	-13.1	57.7	-15.1
2000 1 Qtr.	19.9	2.6	43.6	-51.0	14.4	22.4
2 Qtr.	17.9	25.0	27.0	0.8	41.3	-7.6
3 Qtr.	18.0	20.2	35.0	-7.4	15.3	175.4
3/ 4 Qtr.	27.2	11.9	8.4	17.6	15.0	-40.9
2001 1 Qtr.	4.9	3.0	-8.3	57.6	-8.8	-18.0
2 Qtr.	5.7	7.8	20.2	6.8	-10.9	81.9
3 Qtr.	-0.2	11.5	25.6	15.5	-15.6	-72.1
4 Qtr.	6.4	-3.0	3.9	63.3	-37.9	170.2
2002 4/ 1 Qtr.	-0.7	-7.2	2.9	-51.4	22.6	40.9
4/ 2 Qtr.	11.6	3.2	18.2	-23.8	-9.5	-24.0
4/ 3 Qtr.	35.9	18.2	35.2	-31.0	7.7	126.1
4/ 4 Qtr.	8.5	32.4	44.8	16.7	18.4	-48.5
2003 4/ 1 Qtr.	22.8	94.8	70.0	364.0	14.0	-32.9
4/ 2 Qtr.	11.2	64.0	43.8	161.6	61.9	-35.6
4/ 3 Qtr.	-2.8	6.7	-8.7	86.3	22.0	-10.7
4/ 4 Qtr.	-2.4	-8.5	2.3	-53.9	4.7	17.6
2004 4/ 1 Qtr.	1.9	19.2	66.4	-50.7	17.6	52.5
4/ 2 Qtr.	-1.2	0.3	10.6	-67.3	39.4	835.0
4/ 3 Qtr.	14.1	12.5	15.7	-17.0	25.3	-18.0
4/ 4 Qtr.	19.3	37.3	37.5	55.2	29.0	-9.4
2005 4/ 1 Qtr.	26.0	-9.5	-22.5	-54.7	81.6	-16.8
4/ 2 Qtr.	27.0	1.3	2.3	103.7	-23.4	-86.9
4/ 3 Qtr.	19.5	75.8	80.9	201.6	6.2	68.0
4/ 4 Qtr.	18.3	59.9	73.4	-14.8	57.9	-33.0
2006 4/ 1 Qtr.	19.0	8.5	14.5	25.6	-5.7	39.1
4/ 2 Qtr.	17.3	24.7	0.2	55.4	69.6	65.3
4/ 3 Qtr.	19.4	0.1	-30.4	-6.2	128.4	-29.8
4/ 4 Qtr.	23.7	3.8	-42.3	394.5	47.1	76.6
2007 4/ 1 Qtr.	16.1	-3.8	-14.3	-2.3	18.4	-39.4
4/ 2 Qtr.	24.1	19.6	48.1	38.6	-34.4	82.1
4/ 3 Qtr.	0.2	-14.8	-10.5	-30.1	-11.6	15.7
4/ 4 Qtr.	8.6	-17.0	-13.4	-8.7	-29.5	-27.9
2008 4/ 1 Qtr.	-5.3	0.5	-14.3	57.4	10.8	8.9
4/ 2 Qtr.	-5.0	-3.4	-22.6	-30.5	93.8	-58.2
4/ 3 Qtr.	8.9	-23.0	-15.9	-8.3	-37.8	37.9
4/ 4 Qtr.	-2.3	-50.7	-54.6	-83.3	-4.7	133.4
2009 4/ 1 Qtr.	-5.6	-26.8	-21.8	-58.7	-22.8	-14.8
4/ 2 Qtr.	-12.7	-55.1	-69.0	-37.1	-43.5	48.5
4/ 3 Qtr.	-24.6	-19.0	-44.2	-57.3	46.2	-33.5
4/ 4 Qtr.	-23.3	0.1	2.8	99.3	-23.1	-33.7
2010 4/ 1 Qtr.	-19.8	-16.0	-14.8	36.7	-26.5	-50.3
4/ 2 Qtr.	-24.6	14.2	15.2	26.9	7.6	79.3
4/ 3 Qtr.	-5.8	-1.2	1.5	49.1	-12.0	50.8
4/ 4 Qtr.	-11.7	1.9	-3.9	26.6	-6.0	48.7
2011 4/ 1 Qtr.	-3.1	-16.4	-37.7	-9.5	11.5	-9.2
4/ 2 Qtr.	10.9	-18.4	-3.5	-61.8	-7.1	-82.2
4/ 3 Qtr.	-1.3	-2.7	5.3	-4.8	-7.7	-64.7
4/ 4 Qtr.	12.3	15.3	-3.9	-5.3	50.6	-37.4
2012 4/ 1 Qtr.	12.9	46.2	-1.0	27.9	88.1	-5.3
4/ 2 Qtr.	16.4	47.7	38.2	7.2	64.6	345.3
4/ 3 Qtr.	26.6	27.7	-3.1	-5.6	63.8	159.6
4/ 4 Qtr.	23.5	50.1	57.0	-24.6	80.5	-41.9
2013 4/ 1 Qtr.	18.3	13.0	99.0	-23.7	-16.3	220.2
4/ 2 Qtr.	15.1	10.3	-21.6	187.8	7.1	32.2
4/ 3 Qtr.	-0.7	0.3	58.6	-63.7	-16.3	48.9
4/ 4 Qtr.	-10.7	-8.5	-8.1	-8.2	-8.8	16.0
2014 4/ 1 Qtr.	-6.2	20.6	-47.9	102.3	75.0	-31.9
4/ 2 Qtr.	-8.7	12.9	58.1	-44.6	12.0	-21.5
4/ 3 Qtr.	-9.7	14.7	-27.4	168.5	41.3	-18.0
4/ 4 Qtr.	9.2	39.4	32.9	225.8	6.4	125.2
2015 4/ 1 Qtr.	4.0	71.1	220.3	304.3	-15.9	44.5
4/ 2 Qtr.	12.9	4.2	35.1	41.2	-25.3	133.7
4/ 3 Qtr.	32.8	13.0	46.8	50.3	-8.8	23.4
4/ 4 Qtr.	13.2	-2.8	39.6	-62.1	2.2	-36.5
2016 4/ 1 Qtr.	-3.1	-58.0	-53.8	-92.1	-32.3	-22.2
4/ 2 Qtr.	6.4	14.3	4.1	-33.7	45.0	-48.2
4/ 3 Qtr.	(NA)	(NA)	(NA)	(NA)	(NA)	87.9

NA Not available.

First Hawaiian Bank has discontinued compiling Government Contracts Awarded. Hawaii State Department of Business, Economic Development & Tourism has compiled preliminary estimates beginning with the fourth quarter 1997 based on data in Building Industry.

1/ Formerly, this category was "Value of Construction Completed", subject to revision by Hawaii State Department of Taxation.

2/ Includes hotels.

3/ Kauai data for November consist of residential data only.

4/ Beginning in 2002 Kauai data available for residential only.

Source: Hawaii State Department of Taxation; county building departments; U.S. Census Bureau; First Hawaiian Bank; Building Industry.

**Table E-2. STATE GOVERNMENT CAPITAL IMPROVEMENT  
PROJECT EXPENDITURES**

Year	Total Expenditures	General Oblig. Bond 1/	Revenue Bond 2/	General Fund (Cash)	Special Fund	Federal Funds 3/
In Thousands of Dollars						
1990	995,163	248,379	368,502	133,529	79,998	164,755
1991	1,027,189	210,022	326,414	121,108	164,915	204,730
1992	1,323,450	331,720	512,432	138,867	124,605	215,826
1993	1,188,315	472,515	225,431	89,917	147,351	253,101
1994	1,214,487	492,048	327,980	56,662	135,440	202,357
1995	822,327	342,423	77,560	19,672	169,901	212,772
1996	720,580	286,472	66,625	6,719	165,426	195,338
1997	898,496	345,440	220,496	3,181	163,130	166,249
1998	818,181	329,218	199,294	1,963	192,397	95,309
1999	626,916	293,229	35,735	348	212,446	85,159
2000	612,559	295,988	34,114	305	179,336	102,817
2001	611,167	328,885	44,123	331	114,234	123,594
2002	654,804	387,088	45,962	133	123,084	98,538
2003	847,667	416,975	197,475	1	119,653	113,563
2004	400,707	236,176	-67,498	38	92,046	139,944
2005	765,953	337,222	98,672	-973	173,610	157,422
2006	652,664	349,222	48,946	1,873	157,239	95,384
2007	1,131,450	545,559	95,979	33,812	247,366	208,734
2008	980,061	387,376	165,319	53,366	137,322	236,677
2009	1,102,080	507,997	114,942	24,568	223,789	230,784
2010	1,052,636	496,579	106,669	5,948	213,535	229,905
2011	1,004,491	517,179	95,371	2,579	182,313	207,049
2012	1,300,621	557,695	264,699	645	267,253	210,329
2013	1,150,213	588,437	150,063	1,970	215,374	194,369
2014	1,277,887	573,308	247,380	555	195,183	261,460
2015	1,265,048	659,172	196,761	17	158,538	250,559
2002 1 Qtr.	121,679	64,628	13,482	54	22,683	20,832
2 Qtr.	178,987	112,419	11,584	52	32,207	22,724
3 Qtr.	181,365	110,889	5,562	18	34,222	30,674
4 Qtr.	172,774	99,151	15,335	9	33,971	24,308
2003 1 Qtr.	169,524	87,674	14,837	0	39,003	28,010
2 Qtr.	358,774	127,436	166,097	0	32,368	32,873
3 Qtr.	159,404	101,960	8,979	0	23,290	25,174
4 Qtr.	159,965	99,905	7,562	0	24,992	27,506
2004 1 Qtr.	94,169	47,430	4,885	33	19,092	22,729
2 Qtr.	40,185	71,596	-86,215	3	24,038	30,763
3 Qtr.	135,001	62,052	6,288	3	23,121	43,537
4 Qtr.	131,352	55,099	7,544	0	25,795	42,915
2005 1 Qtr.	151,389	67,637	22,324	-973	24,947	37,454
2 Qtr.	248,284	106,252	58,577	0	35,076	48,379
3 Qtr.	165,864	74,692	9,050	0	44,490	37,632
4 Qtr.	200,416	88,640	8,722	0	69,096	33,957
2006 1 Qtr.	150,483	66,393	16,355	0	39,343	28,392
2 Qtr.	204,923	120,021	19,844	1,611	38,593	24,854
3 Qtr.	144,883	84,102	4,103	0	37,867	18,812
4 Qtr.	152,375	78,707	8,644	262	41,436	23,326
2007 1 Qtr.	292,980	150,020	11,894	5,571	74,589	50,906
2 Qtr.	264,572	114,646	21,488	8,799	59,681	59,958
3 Qtr.	263,935	127,198	21,735	10,341	56,481	48,180
4 Qtr.	309,963	153,695	40,861	9,102	56,615	49,690
2008 1 Qtr.	235,135	97,527	32,379	10,213	44,688	50,328
2 Qtr.	254,233	113,438	29,866	6,393	40,591	63,945
3 Qtr.	264,175	78,109	78,741	22,655	27,450	57,219
4 Qtr.	226,517	98,301	24,333	14,105	24,593	65,185
2009 1 Qtr.	241,809	103,766	27,827	8,187	47,964	54,065
2 Qtr.	279,653	124,933	33,489	8,176	49,754	63,300
3 Qtr.	317,911	169,637	22,579	6,803	62,518	56,375
4 Qtr.	262,707	109,661	31,046	1,403	63,553	57,044
2010 1 Qtr.	310,966	130,724	55,435	1,655	54,771	68,381
2 Qtr.	275,978	141,421	13,315	1,802	61,607	57,833
3 Qtr.	273,489	138,696	21,981	1,243	53,937	57,631
4 Qtr.	192,202	85,739	15,937	1,247	43,220	46,060
2011 1 Qtr.	208,602	91,389	21,690	663	35,018	59,842
2 Qtr.	311,430	178,094	28,710	343	46,171	58,111
3 Qtr.	223,862	100,458	19,558	750	56,140	46,956
4 Qtr.	260,598	147,238	25,413	823	44,985	42,140
2012 1 Qtr.	238,553	107,262	22,943	383	55,412	52,554
2 Qtr.	494,187	164,697	178,274	60	90,075	61,081
3 Qtr.	255,990	127,106	25,104	165	56,987	46,629
4 Qtr.	311,890	158,629	38,378	38	64,779	50,066
2013 1 Qtr.	295,735	122,859	81,145	621	47,676	43,435
2 Qtr.	275,615	156,027	26,152	465	40,252	52,719
3 Qtr.	277,644	148,406	19,276	390	64,628	44,944
4 Qtr.	301,219	161,146	23,490	495	62,818	53,271
2014 1 Qtr.	343,352	113,564	123,343	526	49,223	56,696
2 Qtr.	353,937	194,736	41,362	18	51,681	66,139
3 Qtr.	331,618	157,680	40,351	7	49,870	83,711
4 Qtr.	248,979	107,329	42,323	5	44,409	54,914
2015 1 Qtr.	263,824	103,945	74,266	5	33,090	52,519
2 Qtr.	380,961	198,859	44,414	0	45,574	92,115
3 Qtr.	262,964	139,891	43,781	1	27,831	51,460
4 Qtr.	357,299	216,478	34,300	11	52,043	54,466
2016 1 Qtr.	258,881	132,248	47,991	2	30,510	48,130
2 Qtr.	451,160	308,937	37,805	0	35,037	69,382
3 Qtr.	255,140	141,698	27,050	284	44,061	42,047

This table is not directly comparable to Contracts Awarded data in Table E-1.

1/ Consists of general obligation bonds and reimbursable general obligation bonds.

2/ Consists of revenue bonds and special purpose revenue bonds.

3/ Includes special federal aid: interstate, primary, secondary; and federal funds.

Source: Hawaii State Department of Accounting and General Services, Report 300s.

**Table E-2. STATE GOVERNMENT CAPITAL IMPROVEMENT  
PROJECT EXPENDITURES**

Year	Total Expenditures	General Oblig. Bond 1/	Revenue Bond 2/	General Fund (Cash)	Special Fund	Federal Funds 3/
Percent change from corresponding period in previous year						
1991	3.2	-15.4	-11.4	-9.3	106.1	24.3
1992	28.8	57.9	57.0	14.7	-24.4	5.4
1993	-10.2	42.4	-56.0	-35.2	18.3	17.3
1994	2.2	4.1	45.5	-37.0	-8.1	-20.0
1995	-32.3	-30.4	-76.4	-65.3	25.4	5.1
1996	-12.4	-16.3	-14.1	-65.8	-2.6	-8.2
1997	24.7	20.6	231.0	-52.7	-1.4	-14.9
1998	-8.9	-4.7	-9.6	-38.3	17.9	-42.7
1999	-23.4	-10.9	-82.1	-82.3	10.4	-10.6
2000	-2.3	0.9	-4.5	-12.3	-15.6	20.7
2001	-0.2	11.1	29.3	8.4	-36.3	20.2
2002	7.1	17.7	4.2	-59.9	7.7	-20.3
2003	29.5	7.7	329.6	-99.6	-2.8	15.2
2004	-52.7	-43.4	(4/)	7,595.1	-23.1	23.2
2005	91.2	42.8	(4/)	(4/)	88.6	12.5
2006	-14.8	3.6	-50.4	(4/)	-9.4	-39.4
2007	73.4	56.2	96.1	1,705.0	57.3	118.8
2008	-13.4	-29.0	72.2	57.8	-44.5	13.4
2009	12.5	31.1	-30.5	-54.0	63.0	-2.5
2010	-4.5	-2.2	-7.2	-75.8	-4.6	-0.4
2011	-4.6	4.1	-10.6	-56.6	-14.6	-9.9
2012	29.5	7.8	177.5	-75.0	46.6	1.6
2013	-11.6	5.5	-43.3	205.3	-19.4	-7.6
2014	11.1	-2.6	64.9	-71.8	-9.4	34.5
2015	-1.0	15.0	-20.5	-96.9	-18.8	-4.2
2003 1 Qtr.	39.3	35.7	10.1	(4/)	71.9	34.5
2 Qtr.	100.4	13.4	1,333.8	(4/)	0.5	44.7
3 Qtr.	-12.1	-8.1	61.4	(4/)	-31.9	-17.9
4 Qtr.	-7.4	0.8	-50.7	(4/)	-26.4	13.2
2004 1 Qtr.	-44.5	-45.9	-67.1	(4/)	-51.0	-18.9
2 Qtr.	-88.8	-43.8	(4/)	(4/)	-25.7	-6.4
3 Qtr.	-15.3	-39.1	-30.0	(4/)	-0.7	72.9
4 Qtr.	-17.9	-44.8	-0.2	(4/)	3.2	56.0
2005 1 Qtr.	60.8	42.6	357.0	(4/)	30.7	64.8
2 Qtr.	517.8	48.4	(4/)	(4/)	45.9	57.3
3 Qtr.	22.9	20.4	43.9	(4/)	92.4	-13.6
4 Qtr.	52.6	60.9	15.6	(4/)	167.9	-20.9
2006 1 Qtr.	-0.6	-1.8	-26.7	(4/)	57.7	-24.2
2 Qtr.	-17.5	13.0	-66.1	(4/)	10.0	-48.6
3 Qtr.	-12.6	12.6	-54.7	(4/)	-14.9	-50.0
4 Qtr.	-24.0	-11.2	-0.9	(4/)	-40.0	-31.3
2007 1 Qtr.	94.7	126.0	-27.3	(4/)	89.6	79.3
2 Qtr.	29.1	-4.5	8.3	446.0	54.6	141.2
3 Qtr.	82.2	51.2	429.8	(4/)	49.2	156.1
4 Qtr.	103.4	95.3	372.7	3,376.8	36.6	113.0
2008 1 Qtr.	-19.7	-35.0	172.2	83.3	-40.1	-1.1
2 Qtr.	-3.9	-1.1	39.0	-27.3	-32.0	6.6
3 Qtr.	0.1	-38.6	262.3	119.1	-51.4	18.8
4 Qtr.	-26.9	-36.0	-40.4	55.0	-56.6	31.2
2009 1 Qtr.	2.8	6.4	-14.1	-19.8	7.3	7.4
2 Qtr.	10.0	10.1	12.1	27.9	22.6	-1.0
3 Qtr.	20.3	117.2	-71.3	-70.0	127.7	-1.5
4 Qtr.	16.0	11.6	27.6	-90.1	158.4	-12.5
2010 1 Qtr.	28.6	26.0	99.2	-79.8	14.2	26.5
2 Qtr.	-1.3	13.2	-60.2	-78.0	23.8	-8.6
3 Qtr.	-14.0	-18.2	-2.6	-81.7	-13.7	2.2
4 Qtr.	-26.8	-21.8	-48.7	-11.1	-32.0	-19.3
2011 1 Qtr.	-32.9	-30.1	-60.9	-59.9	-36.1	-12.5
2 Qtr.	12.8	25.9	115.6	-81.0	-25.1	0.5
3 Qtr.	-18.1	-27.6	-11.0	-39.7	4.1	-18.5
4 Qtr.	35.6	71.7	59.5	-34.0	4.1	-8.5
2012 1 Qtr.	14.4	17.4	5.8	-42.3	58.2	-12.2
2 Qtr.	58.7	-7.5	520.9	-82.6	95.1	5.1
3 Qtr.	14.4	26.5	28.4	-78.0	1.5	-0.7
4 Qtr.	19.7	7.7	51.0	-95.4	44.0	18.8
2013 1 Qtr.	24.0	14.5	253.7	62.2	-14.0	-17.4
2 Qtr.	-44.2	-5.3	-85.3	678.5	-55.3	-13.7
3 Qtr.	8.5	16.8	-23.2	136.0	13.4	-3.6
4 Qtr.	-3.4	1.6	-38.8	1,208.3	-3.0	6.4
2014 1 Qtr.	16.1	-7.6	52.0	-15.3	3.2	30.5
2 Qtr.	28.4	24.8	58.2	-96.0	28.4	25.5
3 Qtr.	19.4	6.2	109.3	-98.3	-22.8	86.3
4 Qtr.	-17.3	-33.4	80.2	-99.1	-29.3	3.1
2015 1 Qtr.	-23.2	-8.5	-39.8	-99.1	-32.8	-7.4
2 Qtr.	7.6	2.1	7.4	(4/)	-11.8	39.3
3 Qtr.	-20.7	-11.3	8.5	-86.4	-44.2	-38.5
4 Qtr.	43.5	101.7	-19.0	149.8	17.2	-0.8
2016 1 Qtr.	-1.9	27.2	-35.4	-62.8	-7.8	-8.4
2 Qtr.	18.4	55.4	-14.9	(4/)	-23.1	-24.7
3 Qtr.	-3.0	1.3	-38.2	(4/)	58.3	-18.3

This table is not directly comparable to Contracts Awarded data in Table E-1.  
1/ Consists of general obligation bonds and reimbursable general obligation bonds.  
2/ Consists of revenue bonds and special purpose revenue bonds.  
3/ Includes special federal aid: interstate, primary, secondary; and federal funds.  
4/ Not meaningful.  
Source: Hawaii State Department of Accounting and General Services, Report 300s.

**Table E-3. PRIVATE RESIDENTIAL BUILDING PERMITS -  
NUMBER OF UNITS AUTHORIZED**

<i>Year</i>	<i>First Quarter</i>	<i>Second Quarter</i>	<i>Third Quarter</i>	<i>Fourth Quarter</i>	<i>Annual</i>
<b>Number of Units</b>					
1982	785	718	2,457	2,919	6,879
1983	907	1,110	1,920	811	4,748
1984	1,153	1,655	1,249	1,406	5,463
1985	1,947	1,932	1,989	1,581	7,449
1986	2,172	1,526	1,818	1,619	7,135
1987	2,011	2,206	1,528	1,780	7,525
1988	1,751	2,469	2,624	2,049	8,893
1989	1,783	3,121	2,657	2,234	9,795
1990	2,417	2,166	1,481	2,610	8,674
1991	3,424	1,983	2,067	2,155	9,629
1992	1,837	1,542	2,607	1,333	7,319
1993	1,419	1,865	2,184	1,704	7,172
1994	1,388	1,937	2,056	2,000	7,381
1995	2,086	1,428	2,054	970	6,538
1996	976	738	1,323	852	3,889
1997	630	1,412	936	832	3,810
1998	808	788	903	857	3,356
1999	902	1,031	1,036	1,154	4,123
2000	1,108	1,147	1,265	1,233	4,753
2001	1,081	1,274	1,374	1,090	4,819
2002	877	1,618	1,679	1,672	5,846
2003	1,726	1,992	1,464	1,525	6,707
2004	2,687	2,088	1,667	2,129	8,571
2005	1,845	2,173	2,678	3,010	9,706
2006	1,941	1,699	1,764	1,579	6,983
2007	1,622	2,640	1,411	1,195	6,868
2008	919	2,017	1,001	831	4,768
2009	882	556	650	634	2,722
2010	1,354	813	714	499	3,380
2011	485	600	1,036	649	2,770
2012	636	1,008	664	947	3,255
2013	949	631	1,282	699	3,561
2014	400	753	590	1,076	2,819
2015	1,410	1,131	1,205	1,502	5,248
2016	627	1,192	(NA)	Year-to-Date	1,819
<b>Percentage Change from the Same Period in Previous Year</b>					
1983	15.5	54.6	-21.9	-72.2	-31.0
1984	27.1	49.1	-34.9	73.4	15.1
1985	68.9	16.7	59.2	12.4	36.4
1986	11.6	-21.0	-8.6	2.4	-4.2
1987	-7.4	44.6	-16.0	9.9	5.5
1988	-12.9	11.9	71.7	15.1	18.2
1989	1.8	26.4	1.3	9.0	10.1
1990	35.6	-30.6	-44.3	16.8	-11.4
1991	41.7	-8.4	39.6	-17.4	11.0
1992	-46.3	-22.2	26.1	-38.1	-24.0
1993	-22.8	20.9	-16.2	27.8	-2.0
1994	-2.2	3.9	-5.9	17.4	2.9
1995	50.3	-26.3	-0.1	-51.5	-11.4
1996	-53.2	-48.3	-35.6	-12.2	-40.5
1997	-35.5	91.3	-29.3	-2.3	-2.0
1998	28.3	-44.2	-3.5	3.0	-11.9
1999	11.6	30.8	14.7	34.7	22.9
2000	22.8	11.3	22.1	6.8	15.3
2001	-2.4	11.1	8.6	-11.6	1.4
2002	-18.9	27.0	22.2	53.4	21.3
2003	96.8	23.1	-12.8	-8.8	14.7
2004	55.7	4.8	13.9	39.6	27.8
2005	-31.3	4.1	60.6	41.4	13.2
2006	5.2	-21.8	-34.1	-47.5	-28.1
2007	-16.4	55.4	-20.0	-24.3	-1.6
2008	-43.3	-23.6	-29.1	-30.5	-30.6
2009	-4.0	-72.4	-35.1	-23.7	-42.9
2010	53.5	46.2	9.8	-21.3	24.2
2011	-64.2	-26.2	45.1	30.1	-18.0
2012	31.1	68.0	-35.9	45.9	17.5
2013	49.2	-37.4	93.1	-26.2	9.4
2014	-57.9	19.3	-54.0	53.9	-20.8
2015	252.5	50.2	104.2	39.6	86.2
2016	-55.5	5.4	(NA)	Year-to-Date	-28.4

NA Not available.

Source: County building departments and U.S. Census Bureau.



**Table E-4. PRIVATE RESIDENTIAL BUILDING PERMITS -  
NUMBER OF SINGLE FAMILY UNITS AUTHORIZED**

<i>Year</i>	<i>First Quarter</i>	<i>Second Quarter</i>	<i>Third Quarter</i>	<i>Fourth Quarter</i>	<i>Annual</i>
<b>Number of Units</b>					
1982	472	536	626	651	2,285
1983	896	952	862	707	3,417
1984	1,092	1,324	1,115	911	4,442
1985	796	1,236	1,644	1,269	4,945
1986	925	1,227	1,309	1,195	4,656
1987	1,523	1,639	1,429	1,475	6,066
1988	1,323	1,767	2,096	1,114	6,300
1989	1,474	1,620	1,993	1,777	6,864
1990	1,922	1,476	1,132	1,472	6,002
1991	1,094	1,010	1,303	1,419	4,826
1992	1,317	1,058	1,388	816	4,579
1993	1,147	1,309	1,064	1,228	4,748
1994	961	963	1,426	1,226	4,576
1995	796	1,138	1,180	778	3,892
1996	756	630	882	540	2,808
1997	533	757	784	628	2,702
1998	679	742	748	785	2,954
1999	799	858	776	983	3,416
2000	976	1,114	1,004	1,014	4,108
2001	1,035	1,095	1,014	781	3,925
2002	839	1,218	1,259	1,218	4,534
2003	1,385	1,648	1,326	1,432	5,791
2004	1,451	1,395	1,335	1,320	5,501
2005	1,708	1,578	1,991	1,660	6,937
2006	1,647	1,415	1,484	1,181	5,727
2007	1,173	1,338	1,151	1,110	4,772
2008	886	931	801	419	3,037
2009	713	529	614	481	2,337
2010	401	529	487	445	1,862
2011	401	461	407	394	1,663
2012	427	534	548	455	1,964
2013	411	603	612	578	2,204
2014	399	645	590	493	2,127
2015	564	732	575	509	2,380
2016	514	526	(NA)	Year-to-Date	1,040
<b>Percentage Change from the Same Period in Previous Year</b>					
1983	89.8	77.6	37.7	8.6	49.5
1984	21.9	39.1	29.4	28.9	30.0
1985	-27.1	-6.6	47.4	39.3	11.3
1986	16.2	-0.7	-20.4	-5.8	-5.8
1987	64.6	33.6	9.2	23.4	30.3
1988	-13.1	7.8	46.7	-24.5	3.9
1989	11.4	-8.3	-4.9	59.5	9.0
1990	30.4	-8.9	-43.2	-17.2	-12.6
1991	-43.1	-31.6	15.1	-3.6	-19.6
1992	20.4	4.8	6.5	-42.5	-5.1
1993	-12.9	23.7	-23.3	50.5	3.7
1994	-16.2	-26.4	34.0	-0.2	-3.6
1995	-17.2	18.2	-17.3	-36.5	-14.9
1996	-5.0	-44.6	-25.3	-30.6	-27.9
1997	-29.5	20.2	-11.1	16.3	-3.8
1998	27.4	-2.0	-4.6	25.0	9.3
1999	17.7	15.6	3.7	25.2	15.6
2000	22.2	29.8	29.4	3.2	20.3
2001	6.0	-1.7	1.0	-23.0	-4.5
2002	-18.9	11.2	24.2	56.0	15.5
2003	65.1	35.3	5.3	17.6	27.7
2004	4.8	-15.4	0.7	-7.8	-5.0
2005	17.7	13.1	49.1	25.8	26.1
2006	-3.6	-10.3	-25.5	-28.9	-17.4
2007	-28.8	-5.4	-22.4	-6.0	-16.7
2008	-24.5	-30.4	-30.4	-62.3	-36.4
2009	-19.5	-43.2	-23.3	14.8	-23.0
2010	-43.8	0.0	-20.7	-7.5	-20.3
2011	0.0	-12.9	-16.4	-11.5	-10.7
2012	6.5	15.8	34.6	15.5	18.1
2013	-3.7	12.9	11.7	27.0	12.2
2014	-2.9	7.0	-3.6	-14.7	-3.5
2015	41.4	13.5	-2.5	3.2	11.9
2016	-8.9	-28.1	(NA)	Year-to-Date	-19.8

NA Not available.  
1/ Percentage change calculations involving zero not meaningful.

**Table E-5. PRIVATE RESIDENTIAL BUILDING PERMITS -  
NUMBER OF MULTI-FAMILY UNITS AUTHORIZED**

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	Annual
<b>Number of Units</b>					
1982	313	182	1,831	2,268	4,594
1983	11	158	1,058	104	1,331
1984	61	331	134	495	1,021
1985	1,151	696	345	312	2,504
1986	1,247	299	509	424	2,479
1987	488	567	99	305	1,459
1988	428	702	528	935	2,593
1989	309	1,501	664	457	2,931
1990	495	690	349	1,138	2,672
1991	2,330	973	764	736	4,803
1992	520	484	1,219	517	2,740
1993	272	556	1,120	476	2,424
1994	427	974	630	774	2,805
1995	1,290	290	874	192	2,646
1996	220	108	441	312	1,081
1997	97	655	152	204	1,108
1998	129	46	155	72	402
1999	103	173	260	171	707
2000	132	33	261	219	645
2001	46	179	360	309	894
2002	38	400	420	454	1,312
2003	341	344	138	93	916
2004	1,236	693	332	809	3,070
2005	137	595	687	1,350	2,769
2006	294	284	280	398	1,256
2007	449	1,302	260	85	2,096
2008	33	1,086	200	412	1,731
2009	169	27	36	153	385
2010	953	284	227	54	1,518
2011	84	139	629	255	1,107
2012	209	474	116	492	1,291
2013	538	28	670	121	1,357
2014 1/	1	108	0	583	692
2015	846	399	630	993	2,868
2016	113	666	(NA)	Year-to-Date	779
<b>Percentage Change from the Same Period in Previous Year</b>					
1983	-96.5	-13.2	-42.2	-95.4	-71.0
1984	454.5	109.5	-87.3	376.0	-23.3
1985	1,786.9	110.3	157.5	-37.0	145.2
1986	8.3	-57.0	47.5	35.9	-1.0
1987	-60.9	89.6	-80.6	-28.1	-41.1
1988	-12.3	23.8	433.3	206.6	77.7
1989	-27.8	113.8	25.8	-51.1	13.0
1990	60.2	-54.0	-47.4	149.0	-8.8
1991	370.7	41.0	118.9	-35.3	79.8
1992	-77.7	-50.3	59.6	-29.8	-43.0
1993	-47.7	14.9	-8.1	-7.9	-11.5
1994	57.0	75.2	-43.8	62.6	15.7
1995	202.1	-70.2	38.7	-75.2	-5.7
1996	-82.9	-62.8	-49.5	62.5	-59.1
1997	-55.9	506.5	-65.5	-34.6	2.5
1998	33.0	-93.0	2.0	-64.7	-63.7
1999	-20.2	276.1	67.7	137.5	75.9
2000	28.2	-80.9	0.4	28.1	-8.8
2001	-65.2	442.4	37.9	41.1	38.6
2002	-17.4	123.5	16.7	46.9	46.8
2003	797.4	-14.0	-67.1	-79.5	-30.2
2004	262.5	101.5	140.6	769.9	235.2
2005	-88.9	-14.1	106.9	66.9	-9.8
2006	114.6	-52.3	-59.2	-70.5	-54.6
2007	52.7	358.5	-7.1	-78.6	66.9
2008	-92.7	-16.6	-23.1	384.7	-17.4
2009	412.1	-97.5	-82.0	-62.9	-77.8
2010	463.9	951.9	530.6	-64.7	294.3
2011	-91.2	-51.1	177.1	372.2	-27.1
2012	148.8	241.0	-81.6	92.9	16.6
2013	157.4	-94.1	477.6	-75.4	5.1
2014 1/	-99.8	285.7	(2/)	381.8	-49.0
2015	84,500.0	269.4	(2/)	70.3	314.5
2016	-86.6	66.9	(NA)	Year-to-Date	-37.4

NA Not available.

1/ Q1 Permit application as Category R-4 'Group living facility'.

2/ Percentage change calculations involving zero not meaningful.

Source: County building departments and U.S. Census Bureau.

**Table E-6. HONOLULU CONSTRUCTION COST INDEX:  
SINGLE FAMILY RESIDENCE**

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	Annual Average
Index Numbers January 1992 = 100					
1982	65.4	64.5	65.0	66.3	65.3
1983	69.6	71.0	72.4	73.1	71.5
1984	74.7	74.3	74.5	75.0	74.6
1985	76.1	75.7	77.6	77.2	76.7
1986	78.5	78.1	79.1	81.5	79.3
1987	80.9	81.3	82.5	83.6	82.1
1988	86.7	85.4	86.6	88.0	86.7
1989	89.5	90.5	90.3	91.5	90.5
1990	91.6	92.5	97.3	99.0	95.1
1991	98.6	97.7	98.3	99.1	98.4
1992	101.5	102.7	103.1	103.3	102.7
1993	108.2	114.9	112.2	110.6	111.5
1994	118.4	124.3	121.6	120.5	121.2
1995	117.6	117.8	118.3	119.3	118.2
1996	120.7	122.5	129.3	129.6	125.6
1997	128.1	129.2	130.2	129.7	129.3
1998	129.3	129.2	129.1	129.0	129.2
1999	129.7	131.0	128.7	129.8	129.8
2000	132.1	133.8	136.3	138.7	135.2
2001	139.6	141.6	143.4	145.8	142.6
2002	147.3	148.7	150.5	152.9	149.9
2003	154.0	154.3	154.6	155.8	154.7
2004	159.0	162.4	164.1	167.0	163.1
2005	167.5	173.0	178.2	181.7	175.1
2006	185.6	188.7	193.8	201.5	192.4
2007	203.8	204.8	207.0	214.8	207.6
2008	215.6	216.1	218.4	226.9	219.2
2009	221.2	218.5	221.5	227.9	222.3
2010	222.3	218.2	222.0	223.9	221.6
2011	226.7	223.9	227.1	227.1	226.2
2012	232.4	229.8	233.4	233.2	232.2
2013	239.8	240.9	245.8	249.2	243.9
2014	253.7	255.6	264.0	267.7	260.3
2015	272.7	268.4	275.1	278.4	273.6
2016	277.4	271.0	283.3	Year-to-Date	277.2
Percentage Change from the Same Period in Previous Year					
1983	6.4	10.1	11.4	10.3	9.5
1984	7.3	4.6	2.9	2.6	4.3
1985	1.9	1.9	4.2	2.9	2.7
1986	3.2	3.2	1.9	5.6	3.5
1987	3.1	4.1	4.3	2.6	3.5
1988	7.2	5.0	5.0	5.3	5.6
1989	3.2	6.0	4.3	4.0	4.4
1990	2.3	2.2	7.8	8.2	5.1
1991	7.6	5.6	1.0	0.1	3.5
1992	2.9	5.1	4.9	4.2	4.3
1993	6.6	11.9	8.8	7.1	8.6
1994	9.4	8.2	8.4	9.0	8.7
1995	-0.7	-5.2	-2.7	-1.0	-2.4
1996	2.7	4.0	9.3	8.7	6.2
1997	6.1	5.4	0.7	0.1	3.0
1998	0.9	0.0	-0.8	-0.5	-0.1
1999	0.3	1.4	-0.3	0.6	0.5
2000	1.9	2.1	5.9	6.9	4.2
2001	5.7	5.8	5.2	5.1	5.4
2002	5.5	5.0	5.0	4.8	5.1
2003	4.6	3.7	2.7	1.9	3.2
2004	3.2	5.2	6.1	7.2	5.4
2005	5.4	6.5	8.6	8.8	7.4
2006	10.8	9.1	8.8	10.9	9.9
2007	9.8	8.5	6.8	6.6	7.9
2008	5.8	5.5	5.5	5.6	5.6
2009	2.6	1.1	1.4	0.5	1.4
2010	0.5	-0.1	0.2	-1.8	-0.3
2011	2.0	2.6	2.3	1.4	2.1
2012	2.5	2.7	2.8	2.7	2.6
2013	3.2	4.8	5.3	6.9	5.1
2014	5.8	6.1	7.4	7.4	6.7
2015	7.5	5.0	4.2	4.0	5.1
2016	1.7	1.0	3.0	Year-to-Date	1.9

First Hawaiian Bank has discontinued the update of this index. The Hawaii State Department of Business, Economic Development & Tourism has compiled preliminary estimates beginning with the 1997 fourth quarter and is reviewing the index with the expectation of continuing it.

Source: First Hawaiian Bank and Hawaii State Department of Business, Economic Development & Tourism.

**Table E-7. HONOLULU CONSTRUCTION COST INDEX:  
HIGH-RISE BUILDING**

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	Annual Average
Index Numbers January 1992 = 100					
1982	67.0	66.1	66.7	68.6	67.1
1983	71.4	71.0	71.7	72.7	71.7
1984	75.0	73.9	74.1	74.6	74.4
1985	76.2	75.0	76.7	76.8	76.2
1986	78.5	77.4	78.1	79.5	78.4
1987	80.3	81.0	81.3	81.3	81.0
1988	84.7	83.4	84.3	86.0	84.6
1989	88.1	89.1	89.2	91.0	89.4
1990	90.8	92.0	98.5	100.2	95.4
1991	99.6	98.7	99.6	99.0	99.2
1992	99.7	98.5	99.6	100.0	99.5
1993	102.7	103.3	104.0	105.8	104.0
1994	107.7	109.1	109.6	113.2	109.9
1995	113.5	113.5	114.2	115.3	114.1
1996	115.8	116.0	117.4	118.3	116.9
1997	118.3	119.8	119.8	119.3	119.3
1998	119.3	119.3	119.4	119.4	119.4
1999	120.0	121.2	121.9	121.1	121.1
2000	122.7	124.2	128.7	130.9	126.6
2001	131.7	133.7	134.9	136.2	134.1
2002	137.5	138.8	139.9	141.6	139.5
2003	142.9	143.2	143.6	144.9	143.7
2004	147.8	151.0	152.4	155.3	151.6
2005	155.7	156.9	160.4	165.0	159.5
2006	168.9	171.4	175.0	181.4	174.2
2007	184.6	185.5	187.5	194.3	188.0
2008	196.0	196.7	198.2	205.4	199.1
2009	201.5	199.9	202.8	205.6	202.5
2010	202.3	199.8	202.8	202.8	201.9
2011	205.6	205.2	207.7	208.3	206.7
2012	212.2	211.8	214.0	214.6	213.1
2013	219.4	222.1	226.0	228.4	224.0
2014	233.0	236.1	242.7	245.3	239.3
2015	250.4	245.8	252.4	254.6	250.8
2016	254.8	250.0	257.0	Year-to-Date	253.9
Percentage Change from the Same Period in Previous Year					
1983	6.6	7.4	7.5	6.0	6.9
1984	5.0	4.1	3.3	2.6	3.8
1985	1.6	1.5	3.5	2.9	2.4
1986	3.0	3.2	1.8	3.5	2.9
1987	2.3	4.7	4.1	2.3	3.3
1988	5.5	3.0	3.7	5.8	4.5
1989	4.0	6.8	5.8	5.8	5.6
1990	3.1	3.3	10.4	10.1	6.7
1991	9.7	7.3	1.1	-1.2	4.0
1992	0.1	-0.2	0.0	1.0	0.2
1993	3.0	4.9	4.4	5.8	4.5
1994	4.9	5.6	5.4	7.0	5.7
1995	5.4	4.1	4.2	1.8	3.9
1996	2.0	2.1	2.7	2.6	2.4
1997	2.1	3.3	2.1	0.8	2.1
1998	0.9	-0.4	-0.3	0.1	0.1
1999	0.6	1.6	2.1	1.4	1.4
2000	2.3	2.5	5.6	8.1	4.6
2001	7.3	7.6	4.8	4.0	5.9
2002	4.4	3.8	3.7	4.0	4.0
2003	4.0	3.2	2.6	2.3	3.0
2004	3.4	5.4	6.2	7.2	5.5
2005	5.4	3.9	5.2	6.3	5.2
2006	8.4	9.2	9.1	9.9	9.2
2007	9.3	8.2	7.2	7.1	7.9
2008	6.2	6.0	5.7	5.7	5.9
2009	2.8	1.6	2.3	0.1	1.7
2010	0.4	-0.1	0.0	-1.4	-0.3
2011	1.6	2.7	2.4	2.7	2.4
2012	3.2	3.2	3.1	3.0	3.1
2013	3.4	4.9	5.6	6.5	5.1
2014	6.2	6.3	7.4	7.4	6.8
2015	7.5	4.1	4.0	3.8	4.8
2016	1.8	1.7	1.8	Year-to-Date	1.8

First Hawaiian Bank has discontinued the update of this index. The Hawaii State Department of Business, Economic Development & Tourism has compiled preliminary estimates beginning with the 1997 fourth quarter and is reviewing the index with the expectation of continuing it.

Source: First Hawaiian Bank and Hawaii State Department of Business, Economic Development & Tourism.



**Table E-8. ESTIMATED VALUE OF PRIVATE BUILDING CONSTRUCTION AUTHORIZATIONS, BY COUNTY - Con.**

Year	State	City & County of Honolulu	Hawaii County	Kauai County	Maui County
Percentage Change From The Same Period in Previous Year					
1983	0.3	-22.4	15.3	217.5	0.6
1984	-15.1	3.1	4.3	-62.3	-34.4
1985	52.9	38.9	34.4	20.0	198.4
1986	15.1	3.9	90.6	45.4	-13.8
1987	13.5	37.4	-37.3	11.9	6.4
1988	33.1	-0.9	24.8	106.5	149.4
1989	21.7	41.1	86.5	-16.4	-22.3
1990	11.7	-4.7	27.2	33.7	36.7
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
1/ 2000	14.6	-1.7	31.9	0.3	55.1
2/ 2001	4.8	-1.7	18.2	48.7	-12.0
2/ 2002	11.7	28.3	18.2	-17.8	-12.5
2/ 2003	33.3	26.7	39.9	-11.2	71.4
2/ 2004	15.5	19.0	31.4	-14.7	-4.4
2/ 2005	28.1	3.3	22.0	120.5	85.2
2/ 2006	8.0	19.2	-8.2	-16.9	17.8
2/ 2007	-4.9	3.1	-1.5	12.4	-25.7
2/ 2008	-18.9	-11.6	-22.8	3.1	-39.0
2/ 2009	-31.2	-15.8	-56.1	-21.3	-49.4
2/ 2010	-0.9	8.8	16.5	-68.8	-13.3
2/ 2011	-6.1	-6.2	-21.6	-12.5	25.2
2/ 3/ 2012	42.2	39.0	51.2	34.4	50.6
2/ 3/ 2013	2.9	5.5	3.8	6.8	-11.4
2/ 3/ 2014	21.9	11.0	57.1	19.6	36.5
2/ 3/ 2015	19.6	17.6	-1.1	3.4	64.9
1999 1 Qtr.	31.7	28.5	-3.2	91.3	76.3
2 Qtr.	27.4	21.2	8.6	27.9	68.8
3 Qtr.	6.1	-15.5	24.7	119.0	15.9
4 Qtr.	38.9	22.9	135.5	9.4	20.7
2000 1 Qtr.	2.6	-32.2	59.0	-13.2	111.8
2 Qtr.	25.0	13.4	36.2	10.3	50.5
3 Qtr.	20.2	6.6	44.4	-2.0	48.4
1/ 4 Qtr.	11.9	12.7	8.0	12.9	15.8
2/ 2001 1 Qtr.	3.0	20.2	-22.2	38.2	-12.9
2/ 2 Qtr.	7.8	2.9	19.4	114.2	-22.3
2/ 3 Qtr.	11.5	10.9	86.4	-23.0	-26.4
2/ 4 Qtr.	-3.0	-30.7	0.0	105.6	35.3
2/ 2002 1 Qtr.	-7.2	-7.6	34.5	26.8	-36.0
2/ 2 Qtr.	3.2	5.6	35.3	155.6	-20.6
2/ 3 Qtr.	18.2	42.3	8.7	10.0	-3.2
2/ 4 Qtr.	32.4	85.0	7.1	-14.1	14.5
2/ 2003 1 Qtr.	94.8	95.1	103.0	-20.2	167.1
2/ 2 Qtr.	64.0	75.3	43.5	-36.6	151.3
2/ 3 Qtr.	6.7	-3.0	11.5	52.7	12.2
2/ 4 Qtr.	-8.5	-23.9	26.2	-12.7	-2.3
2/ 2004 1 Qtr.	19.2	32.8	28.0	-24.9	-10.0
2/ 2 Qtr.	0.3	10.7	24.1	-3.2	-45.1
2/ 3 Qtr.	12.5	6.2	10.6	-10.5	49.4
2/ 4 Qtr.	37.3	28.3	69.5	-21.5	34.8
2/ 2005 1 Qtr.	-9.5	-25.2	-23.3	419.2	-17.3
2/ 2 Qtr.	1.3	-13.8	-2.8	146.5	21.0
2/ 3 Qtr.	75.8	19.6	104.4	5.5	178.9
2/ 4 Qtr.	59.9	58.6	20.7	6.6	158.7
2/ 2006 1 Qtr.	8.5	-1.6	54.0	-77.3	66.7
2/ 2 Qtr.	24.7	18.4	13.5	-18.1	98.1
2/ 3 Qtr.	0.1	53.6	-31.9	117.7	-29.0
2/ 4 Qtr.	3.8	9.3	-28.6	44.3	22.3
2/ 2007 1 Qtr.	-3.8	17.9	-18.5	104.7	-36.2
2/ 2 Qtr.	19.6	33.1	41.1	-41.8	-7.7
2/ 3 Qtr.	-14.8	-0.8	-25.7	11.7	-41.8
2/ 4 Qtr.	-17.0	-29.9	5.1	38.1	-20.7
2/ 2008 1 Qtr.	0.5	-12.4	16.3	36.1	-6.4
2/ 2 Qtr.	-3.4	-2.2	-39.0	123.0	21.9
2/ 3 Qtr.	-23.0	-19.2	-6.8	-13.6	-66.0
2/ 4 Qtr.	-50.7	-15.7	-53.0	-74.3	-82.5
2/ 2009 1 Qtr.	-26.8	-20.0	-66.9	76.7	-32.8
2/ 2 Qtr.	-55.1	-40.2	-60.8	-75.1	-75.9
2/ 3 Qtr.	-19.0	3.0	-50.6	-59.1	-3.1
2/ 4 Qtr.	0.1	10.9	-30.3	6.0	0.7
2/ 2010 1 Qtr.	-16.0	22.1	22.3	-88.3	-48.7
2/ 2 Qtr.	14.2	17.3	36.3	-44.7	-7.9
2/ 3 Qtr.	-1.2	2.5	-11.5	-40.3	19.1
2/ 4 Qtr.	1.9	-3.2	24.3	-4.5	3.2
2/ 2011 1 Qtr.	-16.4	-13.3	-32.7	4.6	-7.5
2/ 2 Qtr.	-18.4	-15.5	-30.2	29.8	-27.7
2/ 3 Qtr.	-2.7	-12.3	27.2	-45.3	44.2
2/ 4 Qtr.	15.3	22.2	-42.7	-18.5	85.1
2/ 2012 1 Qtr.	46.2	21.0	2.7	-16.0	353.6
2/ 2 Qtr.	47.7	42.1	64.4	15.8	76.0
2/ 3 Qtr.	27.7	25.0	35.0	150.8	11.6
2/ 4 Qtr.	50.1	64.1	131.6	19.9	-38.8
2/ 3/ 2013 1 Qtr.	13.0	50.1	24.7	4.9	-67.1
2/ 2 Qtr.	10.3	-3.0	0.1	5.2	116.0
2/ 3 Qtr.	0.3	12.1	-13.6	-18.0	-32.9
2/ 4 Qtr.	-8.5	-18.0	15.4	53.5	19.9
2/ 3/ 2014 1 Qtr.	20.6	-0.6	16.2	2.2	230.4
2/ 2 Qtr.	12.9	8.4	103.1	38.5	-47.6
2/ 3 Qtr.	14.7	10.4	21.7	8.9	40.5
2/ 4 Qtr.	39.4	26.1	74.3	25.4	68.9
2/ 3/ 2015 1 Qtr.	71.1	49.9	40.0	20.9	153.3
2/ 2 Qtr.	4.2	-0.6	-8.0	24.6	62.9
2/ 3 Qtr.	13.0	8.1	20.5	9.9	33.9
2/ 4 Qtr.	-2.8	14.7	-25.2	-28.1	-40.7
2/ 3/ 2016 1 Qtr.	-58.0	-52.0	-35.0	16.5	-78.5
2/ 2 Qtr.	14.3	30.6	0.8	23.3	-25.6
2/ 3 Qtr.	(NA)	7.1	-13.9	37.0	(NA)

NA Not available.  
 1/ Kauai County data for November consist of residential data only.  
 2/ Beginning with 2002, Kauai data available for residential only. Values shown for 2001 are all private authorizations however, percentage change 2001-2002 is based on residential only or 2001Q1 of 32,006; 2001Q2 of 22,290; 2001Q3 of 26,613; 2001Q4 of 53,344 and 2001 of Source: County building departments.

**Table E-9. HOME SALES BY ORIGIN OF BUYER**

Year	Number of homes purchased by			Average price of homes purchased by (in dollars)		
	Local buyers	Main-landers	Foreign buyers	Local buyers	Main-landers	Foreign buyers
2008	13,616	4,427	770	467,082	653,776	633,598
2009	11,426	4,163	599	422,650	528,042	867,617
2010	14,069	6,207	891	445,632	532,752	800,285
2011	11,889	4,349	854	433,611	507,601	793,250
2012	12,017	3,406	797	454,075	581,827	702,552
2013	13,378	3,775	681	494,544	663,508	797,359
2014	13,455	3,655	603	533,470	757,000	969,551
2015	15,077	3,698	580	546,146	751,210	783,774
2008 1 Qtr.	3,475	1,191	216	479,612	715,999	624,424
2 Qtr.	4,042	1,387	288	465,910	650,242	592,750
3 Qtr.	3,365	1,064	189	460,651	674,495	647,957
4 Qtr.	2,734	785	77	460,803	537,530	776,871
2009 1 Qtr.	2,252	918	116	396,762	571,721	677,967
2 Qtr.	2,697	920	85	420,432	559,790	539,114
3 Qtr.	3,021	1,109	126	418,820	458,472	661,637
4 Qtr.	3,456	1,216	272	444,598	534,498	1,146,571
2010 1 Qtr.	2,817	1,192	272	440,525	542,489	581,157
2 Qtr.	4,003	1,778	274	445,745	549,250	885,733
3 Qtr.	3,530	1,744	169	465,592	508,060	853,024
4 Qtr.	3,719	1,493	176	430,431	534,173	955,270
2011 1 Qtr.	2,666	1,116	229	419,258	533,637	897,540
2 Qtr.	3,012	1,263	237	425,424	511,311	836,771
3 Qtr.	3,003	1,084	196	430,889	497,059	710,109
4 Qtr.	3,208	886	192	455,775	482,415	700,016
2012 1 Qtr.	2,399	805	209	420,131	522,616	665,763
2 Qtr.	2,954	922	233	423,948	618,024	680,648
3 Qtr.	3,055	739	158	465,022	531,722	686,109
4 Qtr.	3,609	940	197	492,031	636,423	780,679
2013 1 Qtr.	2,808	804	169	470,110	673,329	754,694
2 Qtr.	3,530	1,091	212	498,919	659,666	729,136
3 Qtr.	3,719	1,037	147	497,259	626,417	966,567
4 Qtr.	3,321	843	153	507,513	704,740	776,445
2014 1 Qtr.	2,813	912	148	517,864	713,213	977,686
2 Qtr.	3,376	1,090	149	520,734	816,986	765,866
3 Qtr.	3,507	846	115	517,048	685,593	849,588
4 Qtr.	3,759	807	191	571,906	800,322	1,194,373
2015 1 Qtr.	3,330	978	196	546,018	754,174	819,539
2 Qtr.	4,242	997	153	533,277	692,860	719,528
3 Qtr.	4,063	869	123	547,655	812,638	769,871
4 Qtr.	3,442	854	108	560,350	753,431	825,715
2016 1 Qtr.	3,213	859	274	545,162	769,352	1,364,736
2 Qtr.	4,072	1,056	176	579,079	854,078	946,665
3 Qtr.	3,910	896	173	565,058	809,585	977,170

Source: Title Guaranty of Hawaii, Inc. based on Hawaii Department of Natural Resources, Bureau of

**Table E-9. HOME SALES BY ORIGIN OF BUYER -- Con.**

Year	Number of homes purchased by			Average price of homes purchased by (in dollars)		
	Local buyers	Main-landers	Foreign buyers	Local buyers	Main-landers	Foreign buyers
Percentage Change from the Same Period in Previous Year						
2009	-16.1	-6.0	-22.2	-9.5	-19.2	36.9
2010	23.1	49.1	48.7	5.4	0.9	-7.8
2011	-15.5	-29.9	-4.2	-2.7	-4.7	-0.9
2012	1.1	-21.7	-6.7	4.7	14.6	-11.4
2013	11.3	10.8	-14.6	8.9	14.0	13.5
2014	0.6	-3.2	-11.5	7.9	14.1	21.6
2015	12.1	1.2	-3.8	2.4	-0.8	-19.2
2009 1 Qtr.	-35.2	-22.9	-46.3	-17.3	-20.2	8.6
2 Qtr.	-33.3	-33.7	-70.5	-9.8	-13.9	-9.0
3 Qtr.	-10.2	4.2	-33.3	-9.1	-32.0	2.1
4 Qtr.	26.4	54.9	253.2	-3.5	-0.6	47.6
2010 1 Qtr.	25.1	29.8	134.5	11.0	-5.1	-14.3
2 Qtr.	48.4	93.3	222.4	6.0	-1.9	64.3
3 Qtr.	16.8	57.3	34.1	11.2	10.8	28.9
4 Qtr.	7.6	22.8	-35.3	-3.2	-0.1	-16.7
2011 1 Qtr.	-5.4	-6.4	-15.8	-4.8	-1.6	54.4
2 Qtr.	-24.8	-29.0	-13.5	-4.6	-6.9	-5.5
3 Qtr.	-14.9	-37.8	16.0	-7.5	-2.2	-16.8
4 Qtr.	-13.7	-40.7	9.1	5.9	-9.7	-26.7
2012 1 Qtr.	-10.0	-27.9	-8.7	0.2	-2.1	-25.8
2 Qtr.	-1.9	-27.0	-1.7	-0.3	20.9	-18.7
3 Qtr.	1.7	-31.8	-19.4	7.9	7.0	-3.4
4 Qtr.	12.5	6.1	2.6	8.0	31.9	11.5
2013 1 Qtr.	17.0	-0.1	-19.1	11.9	28.8	13.4
2 Qtr.	19.5	18.3	-9.0	17.7	6.7	7.1
3 Qtr.	21.7	40.3	-7.0	6.9	17.8	40.9
4 Qtr.	-8.0	-10.3	-22.3	3.1	10.7	-0.5
2014 1 Qtr.	0.2	13.4	-12.4	10.2	5.9	29.5
2 Qtr.	-4.4	-0.1	-29.7	4.4	23.8	5.0
3 Qtr.	-5.7	-18.4	-21.8	4.0	9.4	-12.1
4 Qtr.	13.2	-4.3	24.8	12.7	13.6	53.8
2015 1 Qtr.	18.4	7.2	32.4	5.4	5.7	-16.2
2 Qtr.	25.7	-8.5	2.7	2.4	-15.2	-6.1
3 Qtr.	15.9	2.7	7.0	5.9	18.5	-9.4
4 Qtr.	-8.4	5.8	-43.5	-2.0	-5.9	-30.9
2016 1 Qtr.	-3.5	-12.2	39.8	-0.2	2.0	66.5
2 Qtr.	-4.0	5.9	15.0	8.6	23.3	31.6
3 Qtr.	-3.8	3.1	40.7	3.2	-0.4	26.9

Source: Title Guaranty of Hawaii, Inc. based on Hawaii Department of Natural Resources, Bureau of



**Table E-10. HOME SALES BY TYPE OF HOME**

Year	Number of homes			Average price of homes (in dollars)		
	Total	Sing. family	Condo	Total	Sing. family	Condo
2008	18,813	8,842	9,971	517,829	603,676	441,703
2009	16,188	8,384	7,804	466,218	530,231	397,448
2010	21,167	11,073	10,094	486,107	535,993	431,383
2011	17,092	7,626	9,466	470,407	570,928	389,425
2012	16,220	7,544	8,676	493,111	604,739	396,047
2013	17,834	8,068	9,766	541,872	682,282	425,876
2014	17,713	8,075	9,638	594,440	725,920	484,281
2015	19,355	8,227	11,128	592,447	755,414	471,964
2008 1 Qtr.	4,882	2,185	2,697	543,687	644,244	462,220
2 Qtr.	5,717	2,400	3,317	517,020	604,978	453,379
3 Qtr.	4,618	2,220	2,398	517,587	603,286	438,250
4 Qtr.	3,596	2,037	1,559	484,320	559,051	386,677
2009 1 Qtr.	3,286	1,698	1,588	455,567	545,684	359,207
2 Qtr.	3,702	2,024	1,678	457,789	532,725	367,403
3 Qtr.	4,256	2,172	2,084	436,341	504,442	365,364
4 Qtr.	4,944	2,490	2,454	505,329	540,162	469,985
2010 1 Qtr.	4,281	2,265	2,016	477,851	548,302	398,699
2 Qtr.	6,055	3,025	3,030	496,049	533,559	458,601
3 Qtr.	5,443	2,897	2,546	491,228	565,075	407,201
4 Qtr.	5,388	2,886	2,502	476,322	499,691	449,365
2011 1 Qtr.	4,011	1,820	2,191	478,389	567,098	404,701
2 Qtr.	4,512	2,077	2,435	471,072	560,662	394,655
3 Qtr.	4,283	1,947	2,336	460,414	575,039	364,876
4 Qtr.	4,286	1,782	2,504	472,223	582,315	393,875
2012 1 Qtr.	3,413	1,572	1,841	459,345	563,182	370,680
2 Qtr.	4,109	1,865	2,244	482,052	580,873	399,922
3 Qtr.	3,952	1,818	2,134	486,333	606,987	383,546
4 Qtr.	4,746	2,289	2,457	532,611	650,939	422,374
2013 1 Qtr.	3,781	1,586	2,195	526,043	662,686	427,312
2 Qtr.	4,833	2,170	2,663	545,304	686,375	430,350
3 Qtr.	4,903	2,329	2,574	538,647	661,214	427,746
4 Qtr.	4,317	1,983	2,334	555,558	718,221	417,357
2014 1 Qtr.	3,873	1,771	2,102	581,435	722,795	462,336
2 Qtr.	4,615	2,026	2,589	598,619	754,903	476,320
3 Qtr.	4,468	2,135	2,333	557,521	686,764	439,246
4 Qtr.	4,757	2,143	2,614	635,648	740,111	550,008
2015 1 Qtr.	4,504	1,835	2,669	603,120	747,432	503,902
2 Qtr.	5,392	2,178	3,214	568,069	743,037	449,500
3 Qtr.	5,055	2,227	2,828	598,615	760,720	470,960
4 Qtr.	4,404	1,987	2,417	604,299	770,405	467,744
2016 1 Qtr.	4,346	1,881	2,465	641,145	719,169	581,607
2 Qtr.	5,304	2,138	3,166	646,028	809,812	535,424
3 Qtr.	4,979	2,163	2,816	623,381	764,212	515,208

Source: Title Guaranty of Hawaii, Inc. based on Hawaii Department of Natural Resources, Bureau of

**Table E-10. HOME SALES BY TYPE OF HOME -- Con.**

Year	Number of homes			Average price of homes (in dollars)		
	Total	Sing. family	Condo	Total	Sing. family	Condo
Percentage Change from the Same Period in Previous Year						
2009	-14.0	-5.2	-21.7	-10.0	-12.2	-10.0
2010	30.8	32.1	29.3	4.3	1.1	8.5
2011	-19.3	-31.1	-6.2	-3.2	6.5	-9.7
2012	-5.1	-1.1	-8.3	4.8	5.9	1.7
2013	10.0	6.9	12.6	9.9	12.8	7.5
2014	-0.7	0.1	-1.3	9.7	6.4	13.7
2015	9.3	1.9	15.5	-0.3	4.1	-2.5
2009 1 Qtr.	-32.7	-22.3	-41.1	-16.2	-15.3	-22.3
2 Qtr.	-35.2	-15.7	-49.4	-11.5	-11.9	-19.0
3 Qtr.	-7.8	-2.2	-13.1	-15.7	-16.4	-16.6
4 Qtr.	37.5	22.2	57.4	4.3	-3.4	21.5
2010 1 Qtr.	30.3	33.4	27.0	4.9	0.5	11.0
2 Qtr.	63.6	49.5	80.6	8.4	0.2	24.8
3 Qtr.	27.9	33.4	22.2	12.6	12.0	11.5
4 Qtr.	9.0	15.9	2.0	-5.7	-7.5	-4.4
2011 1 Qtr.	-6.3	-19.6	8.7	0.1	3.4	1.5
2 Qtr.	-25.5	-31.3	-19.6	-5.0	5.1	-13.9
3 Qtr.	-21.3	-32.8	-8.2	-6.3	1.8	-10.4
4 Qtr.	-20.5	-38.3	0.1	-0.9	16.5	-12.3
2012 1 Qtr.	-14.9	-13.6	-16.0	-4.0	-0.7	-8.4
2 Qtr.	-8.9	-10.2	-7.8	2.3	3.6	1.3
3 Qtr.	-7.7	-6.6	-8.6	5.6	5.6	5.1
4 Qtr.	10.7	28.5	-1.9	12.8	11.8	7.2
2013 1 Qtr.	10.8	0.9	19.2	14.5	17.7	15.3
2 Qtr.	17.6	16.4	18.7	13.1	18.2	7.6
3 Qtr.	24.1	28.1	20.6	10.8	8.9	11.5
4 Qtr.	-9.0	-13.4	-5.0	4.3	10.3	-1.2
2014 1 Qtr.	2.4	11.7	-4.2	10.5	9.1	8.2
2 Qtr.	-4.5	-6.6	-2.8	9.8	10.0	10.7
3 Qtr.	-8.9	-8.3	-9.4	3.5	3.9	2.7
4 Qtr.	10.2	8.1	12.0	14.4	3.0	31.8
2015 1 Qtr.	16.3	3.6	27.0	3.7	3.4	9.0
2 Qtr.	16.8	7.5	24.1	-5.1	-1.6	-5.6
3 Qtr.	13.1	4.3	21.2	7.4	10.8	7.2
4 Qtr.	-7.4	-7.3	-7.5	-4.9	4.1	-15.0
2016 1 Qtr.	-3.5	2.5	-7.6	6.3	-3.8	15.4
2 Qtr.	-1.6	-1.8	-1.5	13.7	9.0	19.1
3 Qtr.	-1.5	-2.9	-0.4	4.1	0.5	9.4

Source: Title Guaranty of Hawaii, Inc. based on Hawaii Department of Natural Resources, Bureau of Conveyances data. Calculations by Hawaii Department of Business, Economic Development & Tourism.

**Table E-11. SINGLE FAMILY HOME RESALES FOR HONOLULU:  
MEDIAN PRICE**

<i>Year</i>	<i>First Quarter</i>	<i>Second Quarter</i>	<i>Third Quarter</i>	<i>Fourth Quarter</i>	<i>Annual</i>
Median Sale Price (Dollars) 1/					
1987	172,000	181,000	187,000	192,500	185,000
1988	193,500	195,000	224,800	225,000	210,000
1989	236,000	259,500	275,000	300,000	270,000
1990	325,000	345,000	375,000	367,500	352,000
1991	339,800	345,000	345,000	335,000	340,000
1992	342,000	339,500	350,000	352,000	349,000
1993	347,000	358,500	365,000	360,000	358,500
1994	355,000	365,000	368,000	357,000	360,000
1995	349,000	340,000	350,000	352,000	348,000
1996	331,800	335,000	335,000	333,500	335,200
1997	313,800	300,000	315,000	300,000	307,000
1998	288,500	305,000	296,500	295,000	297,000
1999	295,000	289,500	299,000	285,000	290,000
2000	289,000	301,400	299,800	292,500	295,000
2001	280,000	295,000	307,000	310,000	299,900
2002	310,000	330,000	345,000	350,000	335,000
2003	350,000	375,000	392,500	399,000	380,000
2004	420,000	451,000	469,000	490,000	460,000
2005	529,100	577,800	615,000	620,000	590,000
2006	625,000	640,000	635,000	620,000	630,000
2007	620,000	665,000	649,900	625,300	643,500
2008	618,000	636,000	615,000	610,000	620,500
2009	565,000	569,500	581,250	580,000	575,000
2010	591,500	580,000	620,000	305,000	593,000
2011	560,000	580,000	570,000	583,000	575,000
2012	616,950	620,000	625,000	625,000	620,000
2013	613,500	641,000	665,000	663,800	650,000
2014	655,000	679,000	669,000	697,000	675,000
2015	675,000	690,000	705,000	712,250	700,000
2016	721,000	730,000	(NA)	Q3 Year-to-Date	732,000
Percentage Change from the Same Period in Previous Year 1/					
1988	12.5	7.7	20.2	16.9	13.5
1989	22.0	33.1	22.3	33.3	28.6
1990	37.7	32.9	36.4	22.5	30.4
1991	4.6	0.0	-8.0	-8.8	-3.4
1992	0.6	-1.6	1.4	5.1	2.6
1993	1.5	5.6	4.3	2.3	2.7
1994	2.3	1.8	0.8	-0.8	0.4
1995	-1.7	-6.8	-4.9	-1.4	-3.3
1996	-4.9	-1.5	-4.3	-5.3	-3.7
1997	-5.4	-10.4	-6.0	-10.0	-8.4
1998	-8.1	1.7	-5.9	-1.7	-3.3
1999	2.3	-5.1	0.8	-3.4	-2.4
2000	-2.0	4.1	0.3	2.6	1.7
2001	-3.1	-2.1	2.4	6.0	1.7
2002	10.7	11.9	12.4	12.9	11.7
2003	12.9	13.6	13.8	14.0	13.4
2004	20.0	20.3	19.5	22.8	21.1
2005	26.0	28.1	31.1	26.5	28.3
2006	18.1	10.8	3.3	0.0	6.8
2007	-0.8	3.9	2.3	0.9	2.1
2008	-0.3	-4.4	-5.4	-2.4	-3.6
2009	-8.6	-10.5	-5.5	-4.9	-7.3
2010	4.7	1.8	6.7	-47.4	3.1
2011	-5.3	0.0	-8.1	91.1	-3.0
2012	10.2	6.9	9.6	7.2	7.8
2013	-0.6	3.4	6.4	6.2	4.8
2014	6.8	5.9	0.6	5.0	3.8
2015	3.1	1.6	5.4	2.2	3.7
2016	6.8	5.8	(NA)	Q3 Year-to-Date	5.2

NA Not available.

1/ This series consists of resales of homes that are entered in the Multiple Listing Service.

Source: Honolulu Board of Realtors, Research Department.

**Table E-12. CONDOMINIUM RESALES FOR HONOLULU: MEDIAN PRICE**

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	Annual
Median Sale Price (Dollars) 1/					
1987	99,000	101,500	104,000	110,000	104,500
1988	112,000	112,000	115,000	115,000	114,000
1989	117,800	134,000	140,000	155,000	135,500
1990	167,500	185,000	200,000	200,000	187,000
1991	187,300	190,000	195,000	194,500	192,000
1992	195,000	192,000	194,800	192,000	193,000
1993	190,000	192,000	198,000	192,500	193,000
1994	189,900	193,000	194,000	185,000	190,000
1995	182,000	180,000	187,800	179,500	181,800
1996	180,000	180,000	170,000	165,300	174,500
1997	150,000	155,000	157,000	142,000	150,000
1998	145,000	135,000	129,000	130,000	135,000
1999	131,000	122,000	129,500	122,500	125,000
2000	122,800	129,000	120,000	128,000	125,000
2001	130,000	135,000	134,000	130,000	133,000
2002	138,000	150,000	155,000	159,000	152,000
2003	165,000	168,900	177,500	181,000	175,000
2004	189,000	205,000	215,000	220,000	208,500
2005	229,000	257,000	280,000	300,000	269,000
2006	309,000	305,000	315,000	315,000	310,000
2007	320,000	328,000	330,000	320,000	325,000
2008	330,000	330,000	322,000	315,600	325,000
2009	299,000	307,500	300,000	301,000	305,000
2010	302,500	305,500	314,500	305,000	305,000
2011	315,000	300,000	303,500	294,250	300,000
2012	310,000	305,000	319,000	331,000	317,500
2013	330,500	325,000	346,000	328,000	331,000
2014	345,000	356,000	350,000	325,000	345,000
2015	360,000	355,000	355,000	367,500	360,000
2016	380,000	390,000	(NA)	Q3 Year-to-Date	386,000
Percentage Change from the Same Period in Previous Year 1/					
1988	13.1	10.3	10.6	4.5	9.1
1989	5.2	19.6	21.7	34.8	18.9
1990	42.2	38.1	42.9	29.0	38.0
1991	11.8	2.7	-2.5	-2.8	2.7
1992	4.1	1.1	-0.1	-1.3	0.5
1993	-2.6	0.0	1.6	0.3	0.0
1994	-0.1	0.5	-2.0	-3.9	-1.6
1995	-4.2	-6.7	-3.2	-3.0	-4.3
1996	-1.1	0.0	-9.5	-7.9	-4.0
1997	-16.7	-13.9	-7.6	-14.1	-14.0
1998	-3.3	-12.9	-17.8	-8.5	-10.0
1999	-9.7	-9.6	0.4	-5.8	-7.4
2000	-6.3	5.7	-7.3	4.5	0.0
2001	5.9	4.7	11.7	1.6	6.4
2002	6.2	11.1	15.7	22.3	14.3
2003	19.6	12.6	14.5	13.8	15.1
2004	14.5	21.4	21.1	21.5	19.1
2005	21.2	25.4	30.2	36.4	29.0
2006	34.9	18.7	12.5	5.0	15.2
2007	3.6	7.5	4.8	1.6	4.8
2008	3.1	0.6	-2.4	-1.4	0.0
2009	-9.4	-6.8	-6.8	-4.6	-6.2
2010	1.2	-0.7	4.8	1.3	0.0
2011	4.1	-1.8	-3.5	-3.5	-1.6
2012	-1.6	1.7	5.1	12.5	5.8
2013	6.6	6.6	8.5	-0.9	4.3
2014	4.4	9.5	1.2	-0.9	4.2
2015	4.3	-0.3	1.4	13.1	4.3
2016	5.6	9.9	(NA)	Q3 Year-to-Date	8.7

NA Not available.

1/ This series consists of resales of new condominiums, duplexes and townhomes that are entered in the Multiple Listing Service. It does not include apartment buildings.

Source: Honolulu Board of Realtors, Research Department.

**Table E-13. SINGLE FAMILY HOME RESALES FOR HONOLULU: UNITS**

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	Annual
Number of Units Sold 1/					
1987	554	862	917	846	3,179
1988	660	786	850	729	3,025
1989	573	802	773	771	2,919
1990	757	782	675	530	2,744
1991	342	487	575	508	1,912
1992	389	568	558	470	1,985
1993	421	465	548	510	1,944
1994	544	613	545	473	2,175
1995	347	378	487	430	1,642
1996	363	471	471	444	1,749
1997	360	467	635	563	2,025
1998	504	613	664	714	2,495
1999	549	774	787	743	2,853
2000	630	866	888	797	3,181
2001	737	909	927	833	3,406
2002	801	1,031	1,039	1,035	3,906
2003	874	1,123	1,298	1,125	4,420
2004	983	1,200	1,287	1,233	4,703
2005	976	1,224	1,321	1,093	4,614
2006	943	1,074	1,089	935	4,041
2007	865	1,037	975	750	3,627
2008	673	737	732	604	2,746
2009	445	667	757	820	2,689
2010	611	867	774	805	3,057
2011	635	735	818	766	2,954
2012	623	746	862	863	3,094
2013 2/	659	854	959	869	3,341
2014 2/	682	855	941	807	3,285
2015 2/	655	934	1,010	856	3,455
2016 2/	769	944	995	Year-to-Date	2,723
Percentage Change from the Same Period in Previous Year 1/					
1988	19.1	-8.8	-7.3	-13.8	-4.8
1989	-13.2	2.0	-9.1	5.8	-3.5
1990	32.1	-2.5	-12.7	-31.3	-6.0
1991	-54.8	-37.7	-14.8	-4.2	-30.3
1992	13.7	16.6	-3.0	-7.5	3.8
1993	8.2	-18.1	-1.8	8.5	-2.1
1994	29.2	31.8	-0.5	-7.3	11.9
1995	-36.2	-38.3	-10.6	-9.1	-24.5
1996	4.6	24.6	-3.3	3.3	6.5
1997	-0.8	-0.8	34.8	26.8	15.8
1998	40.0	31.3	4.6	26.8	23.2
1999	8.9	26.3	18.5	4.1	14.3
2000	14.8	11.9	12.8	7.3	11.5
2001	17.0	5.0	4.4	4.5	7.1
2002	8.7	13.4	12.1	24.2	14.7
2003	9.1	8.9	24.9	8.7	13.2
2004	12.5	6.9	-0.8	9.6	6.4
2005	-0.7	2.0	2.6	-11.4	-1.9
2006	-3.4	-12.3	-17.6	-14.5	-12.4
2007	-8.3	-3.4	-10.5	-19.8	-10.2
2008	-22.2	-28.9	-24.9	-19.5	-24.3
2009	-33.9	-9.5	3.4	35.8	-2.1
2010	37.3	30.0	2.2	-1.8	13.7
2011	3.9	-15.2	5.7	-4.8	-3.4
2012	-1.9	1.5	5.4	12.7	4.7
2013 2/	5.8	14.5	11.3	0.7	8.0
2014 2/	3.5	0.1	-1.9	-7.1	-1.7
2015 2/	-4.0	9.2	7.3	6.1	5.2
2016 2/	17.4	1.1	-1.5	Year-to-Date	4.8

1/ This series consists of resales that are entered in the Multiple Listing Service.

2/ Quarters reflect sum of monthly [re]sales and may not match revised Year-to-Date in HBR published reports.

Source: Honolulu Board of Realtors (HBR), Research Department.

**Table E-14. CONDOMINIUM RESALES FOR HONOLULU: UNITS**

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	Annual
Number of Units Sold 1/					
1987	866	1,476	1,611	1,555	5,508
1988	1,282	1,813	1,843	1,608	6,546
1989	1,412	1,737	1,706	1,631	6,486
1990	1,752	1,864	1,518	1,015	6,149
1991	720	901	1,120	867	3,608
1992	686	916	987	753	3,342
1993	735	745	873	910	3,263
1994	827	1,053	824	666	3,370
1995	533	599	574	554	2,260
1996	441	594	487	468	1,990
1997	415	522	552	611	2,100
1998	529	601	753	749	2,632
1999	640	865	911	882	3,298
2000	820	1,065	1,039	1,002	3,926
2001	955	1,104	1,186	1,016	4,261
2002	1,036	1,347	1,540	1,483	5,406
2003	1,473	1,653	1,974	1,807	6,907
2004	1,613	2,076	2,205	1,994	7,888
2005	1,772	2,149	2,279	1,783	7,983
2006	1,687	1,830	1,559	1,304	6,380
2007	1,361	1,617	1,366	1,155	5,499
2008	1,037	1,131	1,152	768	4,088
2009	563	813	1,045	1,153	3,574
2010	846	1,216	927	991	3,980
2011	928	1,085	1,019	1,003	4,035
2012	842	1,068	1,123	1,189	4,222
2013	976	1,301	1,307	1,216	4,800
2014	993	1,313	1,303	1,201	4,810
2015	979	1,404	1,409	1,236	5,028
2016 2/	1,153	1,485	1,437	Year-to-Date	4,133
Percentage Change from the Same Period in Previous Year 1/					
1988	48.0	22.8	14.4	3.4	18.8
1989	10.1	-4.2	-7.4	1.4	-0.9
1990	24.1	7.3	-11.0	-37.8	-5.2
1991	-58.9	-51.7	-26.2	-14.6	-41.3
1992	-4.7	1.7	-11.9	-13.1	-7.4
1993	7.1	-18.7	-11.6	20.8	-2.4
1994	12.5	41.3	-5.6	-26.8	3.3
1995	-35.6	-43.1	-30.3	-16.8	-32.9
1996	-17.3	-0.8	-15.2	-15.5	-11.9
1997	-5.9	-12.1	13.3	30.6	5.5
1998	27.5	15.1	36.4	22.6	25.3
1999	21.0	43.9	21.0	17.8	25.3
2000	28.1	23.1	14.1	13.6	19.0
2001	16.5	3.7	14.1	1.4	8.5
2002	8.5	22.0	29.8	46.0	26.9
2003	42.2	22.7	28.2	21.8	27.8
2004	9.5	25.6	11.7	10.3	14.2
2005	9.9	3.5	3.4	-10.6	1.2
2006	-4.8	-14.8	-31.6	-26.9	-20.1
2007	-19.3	-11.6	-12.4	-11.4	-13.8
2008	-23.8	-30.1	-15.7	-33.5	-25.7
2009	-45.7	-28.1	-9.3	50.1	-12.6
2010	50.3	49.6	-11.3	-14.1	11.4
2011	9.7	-10.8	9.9	1.2	1.4
2012	-9.3	-1.6	10.2	18.5	4.6
2013	15.9	21.8	16.4	2.3	13.7
2014	1.7	0.9	-0.3	-1.2	0.2
2015	-1.4	6.9	8.1	2.9	4.5
2016 2/	17.8	5.8	2.0	Year-to-Date	9.0

1/ This series consists of resales of new condominiums, duplexes and townhomes that are entered in the Multiple Listing Service. It does not include apartment buildings.

2/ Quarters reflect sum of monthly [re]sales and may not sum to revised Year-to-Date from HBR published reports.

Source: Honolulu Board of Realtors (HBR), Research Department.

**Table E-15. SINGLE FAMILY HOME HONOLULU: ACTIVE INVENTORY**

<i>Year</i>	<i>First Quarter</i>	<i>Second Quarter</i>	<i>Third Quarter</i>	<i>Fourth Quarter</i>	<i>Annual</i>
Number of Properties Available for Sale in Active Status 1/					
2001	1,585	1,587	1,510	1,494	1,544
2002	1,344	1,189	1,180	1,182	1,224
2003	1,242	1,169	1,023	942	1,094
2004	836	895	1,167	1,123	1,005
2005	889	849	1,074	1,447	1,065
2006	1,613	1,734	1,942	1,975	1,816
2007	1,726	1,779	1,871	1,933	1,827
2008	2,009	2,362	2,402	2,263	2,259
2009	2,184	2,108	1,930	1,625	1,962
2010	1,527	1,634	1,641	1,576	1,595
2011	1,396	1,486	1,516	1,352	1,437
2012	1,273	1,215	1,214	1,060	1,191
2013	947	1,086	1,167	1,149	1,087
2014	1,102	1,216	1,247	1,130	1,174
2015	1,102	1,260	1,327	1,128	1,204
2016	1,017	1,209	1,250	Year-to-Date	1,159
Percentage Change from the Same Period in Previous Year 1/					
2002	-15.2	-25.1	-21.9	-20.9	-20.8
2003	-7.6	-1.6	-13.3	-20.3	-10.6
2004	-32.6	-23.5	14.1	19.3	-8.1
2005	6.3	-5.1	-7.9	28.8	5.9
2006	81.5	104.2	80.8	36.5	70.6
2007	7.0	2.6	-3.7	-2.1	0.6
2008	16.4	32.8	28.4	17.1	23.6
2009	8.7	-10.8	-19.7	-28.2	-13.2
2010	-30.1	-22.5	-15.0	-3.0	-18.7
2011	-8.6	-9.1	-7.6	-14.2	-9.9
2012	-8.8	-18.2	-19.9	-21.6	-17.2
2013	-25.6	-10.6	-3.9	8.3	-8.7
2014	16.3	12.0	6.9	-1.6	8.0
2015	0.0	3.6	6.4	-0.1	2.6
2016	-7.7	-4.1	-5.8	Year-to-Date	-5.8

1/ This series consists of resales that are entered in the Multiple Listing Service.  
Source: Honolulu Board of Realtors, Research Department.

**Table E-16. CONDOMINIUM HONOLULU: ACTIVE INVENTORY**

<i>Year</i>	<i>First Quarter</i>	<i>Second Quarter</i>	<i>Third Quarter</i>	<i>Fourth Quarter</i>	<i>Annual</i>
Number of Properties Available for Sale in Active Status 1/					
2001	1,756	1,781	1,736	1,788	1,765
2002	1,657	1,479	1,433	1,629	1,549
2003	1,679	1,680	1,545	1,459	1,591
2004	1,162	1,229	1,654	1,640	1,421
2005	1,203	954	1,131	1,727	1,254
2006	2,194	2,424	2,697	2,605	2,480
2007	2,273	2,271	2,376	2,411	2,333
2008	2,548	2,966	2,969	2,842	2,831
2009	2,771	2,769	2,473	2,153	2,542
2010	2,006	2,060	2,146	2,145	2,089
2011	1,949	1,929	1,928	1,800	1,901
2012	1,791	1,762	1,699	1,546	1,700
2013	1,354	1,445	1,619	1,623	1,510
2014	1,603	1,772	1,815	1,713	1,726
2015	1,736	1,900	1,952	1,744	1,833
2016	1,550	1,818	1,804	Year-to-Date	1,724
Percentage Change from the Same Period in Previous Year 1/					
2002	-5.6	-17.0	-17.4	-8.9	-12.2
2003	1.3	13.6	7.8	-10.4	2.7
2004	-30.8	-26.9	7.0	12.4	-10.7
2005	3.5	-22.3	-31.6	5.3	-11.8
2006	82.4	154.0	138.4	50.9	97.8
2007	3.6	-6.3	-11.9	-7.5	-5.9
2008	12.1	30.6	25.0	17.9	21.4
2009	8.8	-6.7	-16.7	-24.2	-10.2
2010	-27.6	-25.6	-13.2	-0.4	-17.8
2011	-2.8	-6.4	-10.2	-16.1	-9.0
2012	-8.1	-8.6	-11.9	-14.1	-10.6
2013	-24.4	-18.0	-4.7	5.0	-11.1
2014	18.4	22.7	12.1	5.5	14.3
2015	8.3	7.2	7.6	1.8	6.2
2016	-10.7	-4.4	-7.6	Year-to-Date	-7.5

1/ This series consists of resales that are entered in the Multiple Listing Service.  
Source: Honolulu Board of Realtors, Research Department.



**Table E-17. SINGLE FAMILY HOME RESALES FOR MAUI: MEDIAN PRICE**

<i>Year</i>	<i>First Quarter</i>	<i>Second Quarter</i>	<i>Third Quarter</i>	<i>Fourth Quarter</i>	<i>Annual</i>
Median Sale Price (Dollars) 1/					
1990	270,000	275,000	310,000	285,000	280,000
1991	287,500	260,000	282,500	275,000	275,000
1992	290,000	280,000	290,000	285,000	285,500
1993	267,000	285,000	275,000	265,000	275,000
1994	281,500	275,000	270,000	275,000	275,000
1995	272,500	282,500	280,000	260,000	270,000
1996	265,000	275,000	266,500	250,000	262,500
1997	266,000	265,000	244,500	250,000	255,000
1998	271,000	256,000	260,000	240,600	255,000
1999	252,200	250,000	253,300	250,000	250,000
2000	270,000	288,500	270,000	278,500	275,000
2001	330,000	281,500	260,000	306,000	295,000
2002	362,000	367,900	380,800	392,400	375,000
2003	401,600	399,000	450,000	510,000	440,000
2004	525,000	550,000	575,000	566,000	550,000
2005	611,250	725,000	(2/)	(2/)	679,000
2006	699,000	(2/)	(2/)	(2/)	690,000
2007	625,000	(2/)	(2/)	(2/)	630,069
2008	602,783	(2/)	(2/)	(2/)	577,774
2009	520,000	(2/)	(2/)	(2/)	498,106
2010	469,500	(2/)	(2/)	(2/)	460,000
2011	450,000	(2/)	(2/)	(2/)	432,500
2012	443,750	(2/)	(2/)	(2/)	470,000
2013	520,000	(2/)	(2/)	(2/)	530,000
2014	585,000	(2/)	(2/)	(2/)	570,000
2015	600,000	(2/)	(2/)	(2/)	580,000
2016	609,500	(2/)	(2/)	Q3 Year to Date	635,000
Percentage Change from the Same Period in Previous Year 1/					
1991	6.5	-5.5	-8.9	-3.5	-1.8
1992	0.9	7.7	2.7	3.6	3.8
1993	-7.9	1.8	-5.2	-7.0	-3.7
1994	5.4	-3.5	-1.8	3.8	0.0
1995	-3.2	2.7	3.7	-5.5	-1.8
1996	-2.8	-2.7	-4.8	-3.8	-2.8
1997	0.4	-3.6	-8.3	0.0	-2.9
1998	1.9	-3.4	6.3	-3.8	0.0
1999	-6.9	-2.3	-2.6	3.9	-2.0
2000	7.1	15.4	6.6	11.4	10.0
2001	22.2	-2.4	-3.7	9.9	7.3
2002	9.7	30.7	46.5	28.2	27.1
2003	10.9	8.5	18.2	30.0	17.3
2004	30.7	37.8	27.8	11.0	25.0
2005	16.4	31.8	(2/)	(2/)	23.5
2006	14.4	(2/)	(2/)	(2/)	1.6
2007	-10.6	(2/)	(2/)	(2/)	-8.7
2008	-3.6	(2/)	(2/)	(2/)	-8.3
2009	-13.7	(2/)	(2/)	(2/)	-13.8
2010	-9.7	(2/)	(2/)	(2/)	-7.7
2011	-4.2	(2/)	(2/)	(2/)	-6.0
2012	-1.4	(2/)	(2/)	(2/)	8.7
2013	17.2	(2/)	(2/)	(2/)	12.8
2014	12.5	(2/)	(2/)	(2/)	7.5
2015	2.6	(2/)	(2/)	(2/)	1.8
2016	1.6	(2/)	(2/)	Q3 Year to Date	8.5

1/ This series consists of resales that are entered in the Multiple Listing Service.

2/ Only Q1, Year-to-Date and Annual Average medians are available in Maui reports.

Source: Honolulu Board of Realtors, Research Dept, Harvey Shapiro compiler and Realtors Association of Maui, Inc.

**Table E-18. CONDOMINIUM RESALES FOR MAUI: MEDIAN PRICE**

<i>Year</i>	<i>First Quarter</i>	<i>Second Quarter</i>	<i>Third Quarter</i>	<i>Fourth Quarter</i>	<i>Annual</i>
Median Sale Price (Dollars) 1/					
1990	180,300	180,000	169,000	170,000	175,000
1991	165,000	165,000	155,500	175,000	165,000
1992	167,000	165,000	159,000	162,500	162,500
1993	170,000	170,000	165,000	180,000	173,000
1994	175,000	180,000	166,000	175,000	175,000
1995	159,000	167,000	155,000	142,500	158,000
1996	182,000	189,500	160,000	167,000	175,000
1997	165,000	155,000	148,500	149,000	155,000
1998	173,500	165,000	158,000	159,900	163,000
1999	156,000	168,800	170,000	150,000	161,000
2000	184,500	185,000	200,000	161,300	183,000
2001	193,300	191,000	210,000	176,000	190,500
2002	235,000	200,000	179,000	189,800	195,000
2003	239,500	240,000	222,000	261,900	241,300
2004	291,000	292,300	320,000	370,000	310,000
2005	401,000	360,000	(2/)	(2/)	385,000
2006	458,000	(2/)	(2/)	(2/)	518,000
2007	575,000	(2/)	(2/)	(2/)	550,000
2008	587,000	(2/)	(2/)	(2/)	550,000
2009	700,000	(2/)	(2/)	(2/)	450,000
2010	424,000	(2/)	(2/)	(2/)	377,500
2011	319,950	(2/)	(2/)	(2/)	310,000
2012	339,500	(2/)	(2/)	(2/)	358,000
2013	368,000	(2/)	(2/)	(2/)	373,000
2014	406,375	(2/)	(2/)	(2/)	415,000
2015	440,000	(2/)	(2/)	(2/)	410,000
2016	425,000	(2/)	(2/)	Q3 Year-to-Date	417,000
Percentage Change from the Same Period in Previous Year 1/					
1991	-8.5	-8.3	-8.0	2.9	-5.7
1992	1.2	0.0	2.3	-7.1	-1.5
1993	1.8	3.0	3.8	10.8	6.5
1994	2.9	5.9	0.6	-2.8	1.2
1995	-9.1	-7.2	-6.6	-18.6	-9.7
1996	14.5	13.5	3.2	17.2	10.8
1997	-9.3	-18.2	-7.2	-10.8	-11.4
1998	5.2	6.5	6.4	7.3	5.2
1999	-10.1	2.3	7.6	-6.2	-1.2
2000	18.3	9.6	17.6	7.5	13.7
2001	4.8	3.2	5.0	9.1	4.1
2002	21.6	4.7	-14.8	7.8	2.4
2003	1.9	20.0	24.0	38.0	23.7
2004	21.5	21.8	44.1	41.3	28.5
2005	37.8	23.2	(2/)	(2/)	24.2
2006	14.2	(2/)	(2/)	(2/)	34.5
2007	25.5	(2/)	(2/)	(2/)	6.2
2008	2.1	(2/)	(2/)	(2/)	0.0
2009	19.3	(2/)	(2/)	(2/)	-18.2
2010	-39.4	(2/)	(2/)	(2/)	-16.1
2011	-24.5	(2/)	(2/)	(2/)	-17.9
2012	6.1	(2/)	(2/)	(2/)	15.5
2013	8.4	(2/)	(2/)	(2/)	4.2
2014	10.4	(2/)	(2/)	(2/)	11.3
2015	8.3	(2/)	(2/)	(2/)	-1.2
2016	-3.4	(2/)	(2/)	Q3 Year-to-Date	2.3

1/ This series consists of resales of new condominiums, duplexes and townhomes that are entered in the Multiple Listing Service. It does not include apartment buildings.

2/ Only Q1, Year-to-Date and Annual Average medians are available in Maui reports.

Source: Honolulu Board of Realtors, Research Department and Realtors Association of Maui, Inc.

**Table E-19. SINGLE FAMILY HOME RESALES FOR MAUI: UNITS**

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	Annual
Units 1/					
1990	130	176	119	118	543
1991	74	130	120	95	419
1992	85	103	99	79	366
1993	55	97	90	109	351
1994	96	109	108	95	408
1995	66	90	91	89	336
1996	94	103	133	121	451
1997	98	132	138	140	508
1998	135	178	164	165	642
1999	210	280	245	230	965
2000	263	270	247	206	986
2001	229	306	267	207	1,009
2002	205	251	264	277	997
2003	256	359	424	381	1,420
2004	295	298	291	344	1,228
2005	302	372	376	228	1,278
2006	253	246	251	332	1,082
2007	341	309	243	250	1,143
2008	228	251	229	202	910
2009	121	175	166	231	693
2010	174	253	195	195	817
2011	202	241	229	229	901
2012	210	230	230	268	938
2013	209	281	259	235	984
2014	195	263	263	223	944
2015	221	276	322	271	1,090
2016 2/	241	292	271	Year-to-Date	804
Percentage Change from the Same Period in Previous Year 1/					
1991	-43.1	-26.1	0.8	-19.5	-22.8
1992	14.9	-20.8	-17.5	-16.8	-12.6
1993	-35.3	-5.8	-9.1	38.0	-4.1
1994	74.5	12.4	20.0	-12.8	16.2
1995	-31.3	-17.4	-15.7	-6.3	-17.6
1996	42.4	14.4	46.2	36.0	34.2
1997	4.3	28.2	3.8	15.7	12.6
1998	37.8	34.8	18.8	17.9	26.4
1999	55.6	57.3	49.4	39.4	50.3
2000	25.2	-3.6	0.8	-10.4	2.2
2001	-12.9	13.3	8.1	0.5	2.3
2002	-10.5	-18.0	-1.1	33.8	-1.2
2003	24.9	43.0	60.6	37.5	42.4
2004	15.2	-17.0	-31.4	-9.7	-13.5
2005	2.4	24.8	29.2	-33.7	4.1
2006	-16.2	-33.9	-33.2	45.6	-15.3
2007	34.8	25.6	-3.2	-24.7	5.6
2008	-33.1	-18.8	-5.8	-19.2	-20.4
2009	-46.9	-30.3	-27.5	14.4	-23.8
2010	43.8	44.6	17.5	-15.6	17.9
2011	16.1	-4.7	17.4	17.4	10.3
2012	4.0	-4.6	0.4	17.0	4.1
2013	-0.5	22.2	12.6	-12.3	4.9
2014	-6.7	-6.4	1.5	-5.1	-4.1
2015	13.3	4.9	22.4	21.5	15.5
2016 2/	9.0	5.8	-15.8	Year-to-Date	-1.8

1/ This series consists of resales that are entered in the Multiple Listing Service.

2/ Q2 revised from previous QSER.

Source: Honolulu Board of Realtors, Research Department and Realtors Association of Maui, Inc.

**Table E-20. CONDOMINIUM RESALES FOR MAUI: UNITS**

<i>Year</i>	<i>First Quarter</i>	<i>Second Quarter</i>	<i>Third Quarter</i>	<i>Fourth Quarter</i>	<i>Annual</i>
Units 1/					
1990	346	421	365	306	1,438
1991	105	157	178	138	578
1992	120	128	135	104	487
1993	99	122	101	124	446
1994	133	187	154	118	592
1995	126	150	104	105	485
1996	131	168	127	151	577
1997	201	202	186	223	812
1998	212	274	253	261	1,000
1999	239	376	390	348	1,353
2000	364	435	349	348	1,496
2001	376	399	327	246	1,348
2002	313	431	434	400	1,578
2003	443	510	545	503	2,001
2004	506	594	458	377	1,935
2005	430	592	576	413	2,011
2006	393	366	227	263	1,249
2007	278	341	298	271	1,188
2008	276	234	180	123	813
2009	265	150	207	213	835
2010	295	373	248	232	1,148
2011	310	336	268	243	1,157
2012	304	364	247	338	1,253
2013	265	408	346	307	1,326
2014	310	347	258	288	1,203
2015 2/	301	314	296	280	1,191
2016 2/	291	355	333	Year-to-Date	979
Percentage Change from the Same Period in Previous Year 1/					
1991	-69.7	-62.7	-51.2	-54.9	-59.8
1992	14.3	-18.5	-24.2	-24.6	-15.7
1993	-17.5	-4.7	-25.2	19.2	-8.4
1994	34.3	53.3	52.5	-4.8	32.7
1995	-5.3	-19.8	-32.5	-11.0	-18.1
1996	4.0	12.0	22.1	43.8	19.0
1997	53.4	20.2	46.5	47.7	40.7
1998	5.5	35.6	36.0	17.0	23.2
1999	12.7	37.2	54.2	33.3	35.3
2000	52.3	15.7	-10.5	0.0	10.6
2001	3.3	-8.3	-6.3	-29.3	-9.9
2002	-16.8	8.0	32.7	62.6	17.1
2003	41.5	18.3	25.6	25.8	26.8
2004	14.2	16.5	-16.0	-25.0	-3.3
2005	-15.0	-0.3	25.8	9.5	3.9
2006	-8.6	-38.2	-60.6	-36.3	-37.9
2007	-29.3	-6.8	31.3	3.0	-4.9
2008	-0.7	-31.4	-39.6	-54.6	-31.6
2009	-4.0	-35.9	15.0	73.2	2.7
2010	11.3	148.7	19.8	8.9	37.5
2011	5.1	-9.9	8.1	4.7	0.8
2012	-1.9	8.3	-7.8	39.1	8.3
2013	-12.8	12.1	40.1	-9.2	5.8
2014	17.0	-15.0	-25.4	-6.2	-9.3
2015 2/	-2.9	-9.5	14.7	-2.8	-1.0
2016 2/	-3.3	13.1	12.5	Year-to-Date	7.5

1/ This series consists of resales of new condominiums, duplexes and townhomes that are entered in the Multiple Listing Service. It does not include apartment buildings.

2/ 2015 Q3 and Annual and 2016 Q2 revised from previous *QSER*.

Source: Honolulu Board of Realtors, Research Department and Realtors Association of Maui, Inc.

## F. OTHER INDICATORS

The total number of bankruptcy filings in Hawaii decreased 7.2 percent or by 29 cases for the third quarter of 2016, from the same quarter of 2015. In the first three quarters of 2016, total filings decreased 11.2 percent or 136 cases from the same period last year.

The number of Chapter 7 filings, the largest category, had a decrease of 14.0 percent or 40 cases in the third quarter of 2016. Chapter 7 filings are intended to liquidate assets and discharge debt. In the first three quarters of 2016, Chapter 7 filings were down 13.7 percent or 117 cases from the same period last year.

Chapter 11 filings remained the same at 4 cases in the third quarter of 2016 as in the third quarter of 2015. In the first three quarters of 2016, Chapter 11 filings increased to 14 cases from 10 cases in the same period last year.

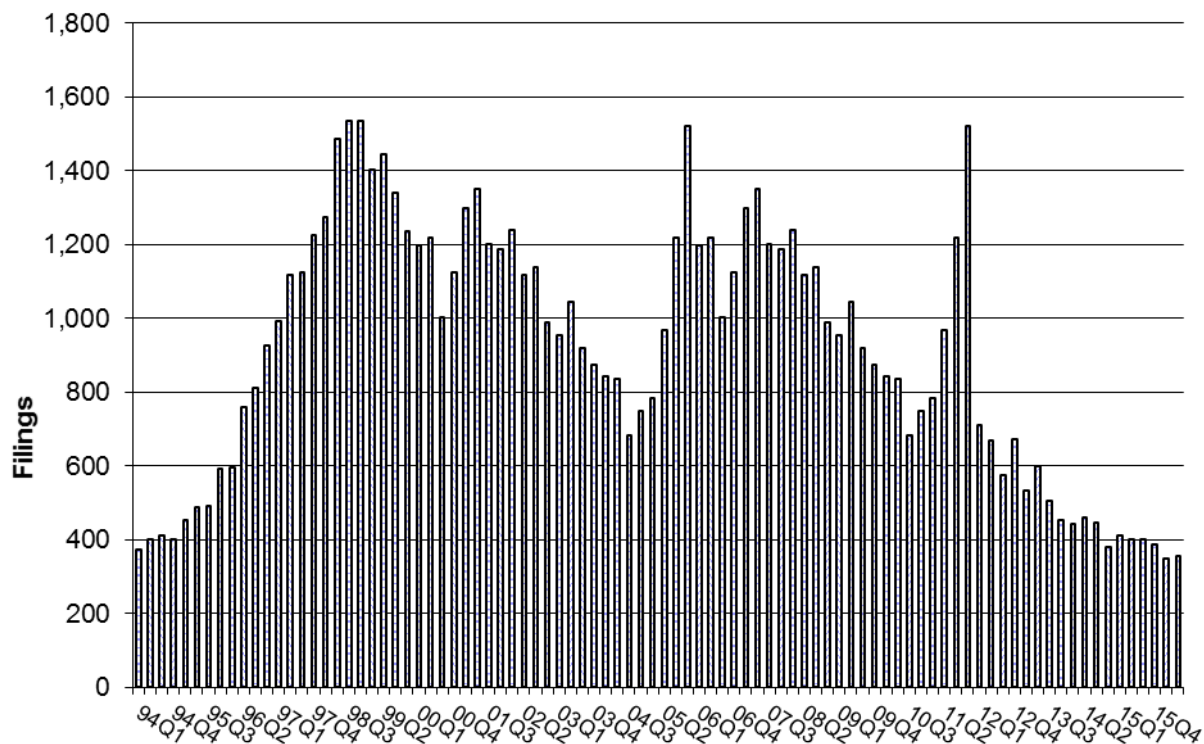
Chapter 11 filings involve the structuring of repayment plans for companies.

Chapter 13 filings in the third quarter of 2016 increased 9.9 percent or 11 cases from the third quarter of 2015. In the first three quarters of 2016, Chapter 13 filings decreased 6.0 percent or 21 cases from the same period last year. Chapter 13 bankruptcy allows debtors to work out repayment arrangements with creditors.

For quarterly bankruptcy statistics, see: <http://www.uscourts.gov/bnkrpctstats/statistics.htm>.

For District of Hawaii monthly statistics, see: [http://www.hib.uscourts.gov/stats/index\\_stats.html](http://www.hib.uscourts.gov/stats/index_stats.html)

**Total Bankruptcy Filings (Chapters 7, 11, 12, and 13)**



**Table F-1. BANKRUPTCY FILINGS**

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	Annual
<b>Total (Chapters 7, 11, 12, 13) 1/</b>					
1994	373	400	413	401	1,600
1995	453	489	492	591	2,036
1996	595	760	812	925	3,092
1997	992	1,119	1,125	1,227	4,463
1998	1,273	1,488	1,534	1,534	5,829
1999	1,404	1,446	1,341	1,235	5,426
2000	1,198	1,219	1,004	1,123	4,549
2001	1,300	1,352	1,200	1,187	5,039
2002	1,238	1,119	1,138	988	4,485
2003	953	1,045	919	874	3,795
2004	844	835	684	749	3,112
2005	782	967	1,217	1,522	4,489
2006	181	274	256	254	965
2007	332	356	339	359	1,386
2008	416	476	556	636	2,087
2009	708	773	824	818	3,123
2010	930	1,103	1,010	934	3,978
2011	901	954	775	721	3,352
2012	709	668	574	674	2,625
2013	533	600	506	454	2,093
2014	443	461	447	380	1,731
2015	410	402	401	386	1,599
2016	349	356	372	Year to Date	1,077
<b>Chapter 7</b>					
1994	336	357	373	362	1,428
1995	414	454	440	538	1,842
1996	532	679	736	832	2,771
1997	866	999	1,005	1,090	3,950
1998	1,123	1,344	1,415	1,401	5,266
1999	1,286	1,337	1,180	1,095	4,879
2000	1,060	1,103	880	989	4,012
2001	1,186	1,216	1,062	1,045	4,509
2002	1,097	1,002	1,035	865	4,001
2003	833	907	790	760	3,294
2004	748	719	610	655	2,732
2005	695	871	1,146	1,418	4,131
2006	156	233	204	208	801
2007	270	292	265	281	1,108
2008	326	371	413	517	1,627
2009	592	599	648	664	2,503
2010	751	895	772	688	3,107
2011	685	711	637	552	2,582
2012	543	504	433	479	1,959
2013	391	453	375	330	1,549
2014	317	316	308	275	1,216
2015	291	274	286	248	1,099
2016	232	256	246	Year to Date	734
<b>Chapter 11</b>					
1994	12	19	9	18	58
1995	6	10	10	10	36
1996	12	18	14	8	52
1997	16	11	15	8	50
1998	7	8	4	8	27
1999	8	9	6	4	29
2000	4	4	10	12	30
2001	4	3	11	5	23
2002	8	4	4	4	20
2003	8	17	8	5	39
2004	4	12	1	5	23
2005	10	2	1	3	16
2006	2	4	2	1	9
2007	5	6	2	5	18
2008	3	2	4	11	23
2009	3	3	6	6	18
2010	6	3	3	8	20
2011	6	13	3	1	24
2012	5	4	0	4	13
2013	6	4	7	3	20
2014	2	2	3	3	10
2015	7	0	4	6	17
2016	6	4	4	Year to Date	14
<b>Chapter 13</b>					
1994	24	23	31	21	99
1995	33	25	39	43	141
1996	51	63	62	85	260
1997	110	109	105	129	452
1998	142	135	115	125	518
1999	109	100	155	136	501
2000	133	112	114	121	483
2001	110	133	127	137	507
2002	133	113	99	116	461
2003	112	121	121	108	462
2004	92	104	72	88	356
2005	77	93	70	101	341
2006	23	36	50	44	153
2007	56	58	72	73	259
2008	87	102	139	108	436
2009	113	171	168	148	600
2010	172	204	235	238	849
2011	210	230	134	167	741
2012	159	160	141	191	651
2013	136	143	124	120	523
2014	124	143	136	102	505
2015	112	127	111	132	482
2016	111	96	122	Year to Date	329

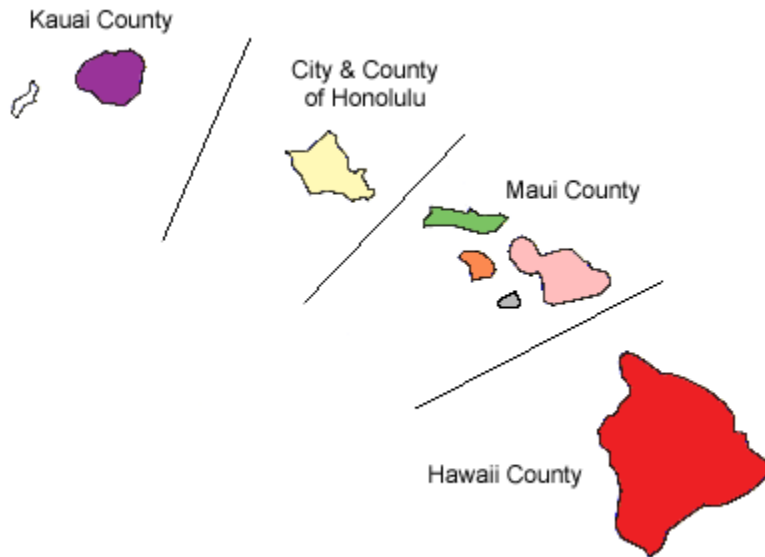
1/ Chapter 12 filings in Hawaii have been between 0 and 3 per quarter and can be calculated as Total less Chapters 7, 11 and 13.  
 Source: U.S. Bankruptcy Court <<http://www.uscourts.gov/statistics-reports/caseload-statistics-data-tables>> and  
 for the District of Hawaii <[http://www.hib.uscourts.gov/stats/index\\_stats.html](http://www.hib.uscourts.gov/stats/index_stats.html)>.

**Table F-1. BANKRUPTCY FILINGS - Con.**  
 [Percentage change from the same period in previous year]

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	Annual
<b>Total (Chapters 7, 11, 12, 13) 1/</b>					
1995	21.4	22.3	19.1	47.4	27.3
1996	31.3	55.4	65.0	56.5	51.9
1997	66.7	47.2	38.5	32.6	44.3
1998	28.3	33.0	36.4	25.0	30.6
1999	10.3	-2.8	-12.6	-19.5	-6.9
2000	-14.7	-15.7	-25.1	-9.1	-16.2
2001	8.5	10.9	19.5	5.7	10.8
2002	-4.8	-17.2	-5.2	-16.8	-11.0
2003	-23.0	-6.6	-19.2	-11.5	-15.4
2004	-11.4	-20.1	-25.6	-14.3	-18.0
2005	-7.3	15.8	77.9	103.2	44.2
2006	-76.9	-71.7	-79.0	-83.3	-78.5
2007	83.4	29.9	32.4	41.3	43.6
2008	25.3	33.7	64.0	77.2	50.6
2009	70.2	62.4	48.2	28.6	49.6
2010	31.4	42.7	22.6	14.2	27.4
2011	-3.1	-13.5	-23.3	-22.8	-15.7
2012	-21.3	-30.0	-25.9	-6.5	-21.7
2013	-24.8	-10.2	-11.8	-32.6	-20.3
2014	-16.9	-23.2	-11.7	-16.3	-17.3
2015	-7.4	-12.8	-10.3	1.6	-7.6
2016	-14.9	-11.4	-7.2	Year to Date	-11.2
<b>Chapter 7</b>					
1995	23.2	27.2	18.0	48.6	29.0
1996	28.5	49.6	67.3	54.6	50.4
1997	62.8	47.1	36.5	31.0	42.5
1998	29.7	34.5	40.8	28.5	33.3
1999	14.5	-0.5	-16.6	-21.8	-7.3
2000	-17.6	-17.5	-25.4	-9.7	-17.8
2001	11.9	10.2	20.7	5.7	12.4
2002	-7.5	-17.6	-2.5	-17.2	-11.3
2003	-24.1	-9.5	-23.7	-12.1	-17.7
2004	-10.2	-20.7	-22.8	-13.8	-17.1
2005	-7.1	21.1	87.9	116.5	51.2
2006	-77.6	-73.2	-82.2	-85.3	-80.6
2007	73.1	25.3	29.9	35.1	38.3
2008	20.7	27.1	55.8	84.0	46.8
2009	81.6	61.5	56.9	28.4	53.8
2010	26.9	49.4	19.1	3.6	24.1
2011	-8.8	-20.6	-17.5	-19.8	-16.9
2012	-20.7	-29.1	-32.0	-13.2	-24.1
2013	-28.0	-10.1	-13.4	-31.1	-20.9
2014	-18.9	-30.2	-17.9	-16.7	-21.5
2015	-8.2	-13.3	-7.1	-9.8	-9.6
2016	-20.3	-6.6	-14.0	Year to Date	-13.7
<b>Chapter 11</b>					
1995	-50.0	-47.4	11.1	-44.4	-37.9
1996	100.0	80.0	40.0	-20.0	44.4
1997	33.3	-38.9	7.1	0.0	-3.8
1998	-56.3	-27.3	-73.3	0.0	-46.0
1999	14.3	12.5	50.0	-50.0	7.4
2000	-50.0	-55.6	66.7	200.0	3.4
2001	0.0	-25.0	10.0	-58.3	-23.3
2002	100.0	33.3	-63.6	-20.0	-13.0
2003	0.0	325.0	100.0	25.0	95.0
2004	-50.0	-29.4	-87.5	0.0	-41.0
2005	150.0	-83.3	0.0	-40.0	-30.4
2006	-80.0	100.0	100.0	-66.7	-43.8
2007	150.0	50.0	0.0	400.0	100.0
2008	-40.0	-66.7	100.0	120.0	27.8
2009	0.0	50.0	50.0	-45.5	-21.7
2010	100.0	0.0	-50.0	33.3	11.1
2011	0.0	333.3	0.0	-87.5	20.0
2012	-16.7	-69.2	(2/)	300.0	-45.8
2013	20.0	0.0	(2/)	-25.0	53.8
2014	-66.7	-50.0	-57.1	0.0	-50.0
2015	250.0	(2/)	33.3	100.0	70.0
2016	-14.3	(2/)	0.0	Year to Date	27.3
<b>Chapter 13</b>					
1995	37.5	8.7	25.8	104.8	42.4
1996	54.5	152.0	59.0	97.7	84.4
1997	115.7	73.0	69.4	51.8	73.8
1998	29.1	23.9	9.5	-3.1	14.6
1999	-23.2	-25.9	34.8	8.8	-3.3
2000	22.0	12.0	-26.5	-11.0	-3.6
2001	-17.3	18.8	11.4	13.2	5.0
2002	20.9	-15.0	-22.0	-15.3	-9.1
2003	-15.8	7.1	22.2	-6.9	0.2
2004	-17.9	-14.0	-40.5	-18.5	-22.9
2005	-16.3	-10.6	-2.8	14.8	-4.2
2006	-70.1	-61.3	-28.6	-56.4	-55.1
2007	143.5	61.1	44.0	65.9	69.3
2008	55.4	75.9	93.1	47.9	68.3
2009	29.9	67.6	20.9	37.0	37.6
2010	52.2	19.3	39.9	60.8	41.5
2011	22.1	12.7	-43.0	-29.8	-12.7
2012	-24.3	-30.4	5.2	14.4	-12.1
2013	-14.5	-10.6	-12.1	-37.2	-19.7
2014	-8.8	0.0	9.7	-15.0	-3.4
2015	-9.7	-11.2	-18.4	29.4	-4.6
2016	-0.9	-24.4	9.9	Year to Date	-6.0

1/ Chapter 12 filings in Hawaii have been between 0 and 3 per quarter and can be calculated as Total less Chapters 7, 11 and 13.  
 2/ Dividing zero is meaningless and division by zero undefined.  
 Source: U.S. Bankruptcy Court <<http://www.uscourts.gov/statistics-reports/caseload-statistics-data-tables>> and for the District of Hawaii <[http://www.hib.uscourts.gov/stats/index\\_stats.html](http://www.hib.uscourts.gov/stats/index_stats.html)>.

## G. SELECTED COUNTY TABLES



Beginning with the December 2003 issue, additional county tables have been provided to supplement the State statistics provided:

Title	State table Page	County tables	Pages
Civilian Labor Force	A- 1. ....16	G- 1 to G- 4.....	129-132
Civilian Employed	A- 2. ....17	G- 5 to G- 8.....	133-136
Civilian Unemployed	A- 3. ....18	G- 9 to G-12.....	137-140
Civilian Unemployment Rate	A- 4. ....19	G-13 to G-16.....	141-144
Total Visitor Arrivals - By Air	D- 2. ....82	G-17 to G-20.....	145-148
Hotel Occupancy Rate	D-15. ....98	G-21 to G-24.....	149-152
Private Residential Building Permits (Units)	E-3.....104	G-25 to G-28.....	153-156
Home Sales by Origin of Buyer	E-9.....111	G-29 to G-32.....	157-164
Home Sales by Type	E-10.....113	G-33 to G-36.....	165-172



**Table G-1. CIVILIAN LABOR FORCE - HONOLULU**

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	Annual Average
Not Seasonally Adjusted Data. Number of Persons 1/					
1990	401,650	409,400	410,250	414,600	409,000
1991	417,900	419,450	417,600	417,800	418,200
1992	421,050	423,750	424,150	426,450	423,850
1993	426,800	429,100	425,000	424,850	426,450
1994	426,200	426,550	422,300	423,300	424,600
1995	424,650	428,750	424,450	423,900	425,450
1996	428,550	432,700	430,800	431,300	430,850
1997	431,800	434,900	432,900	431,400	432,750
1998	431,000	433,300	432,800	432,750	432,450
1999	428,500	432,000	429,800	431,500	430,450
2000	429,750	432,350	429,800	431,600	430,900
2001	432,000	434,100	431,200	430,500	431,950
2002	426,900	425,200	421,950	422,550	424,150
2003	423,850	425,900	423,600	424,450	424,450
2004	424,700	428,100	427,400	431,700	428,000
2005	433,450	438,850	441,000	443,750	439,250
2006	443,500	446,050	444,950	444,650	444,800
2007	444,450	444,000	440,000	441,650	442,500
2008	443,050	446,900	443,650	442,100	443,900
2009	440,200	441,500	438,550	438,750	439,750
2010	437,100	444,650	448,600	454,400	446,200
2011 2/	456,700	458,050	454,500	455,400	456,150
2012 2/	450,450	449,550	445,400	447,900	448,350
2013 2/	446,500	449,300	450,200	457,700	450,900
2014 2/	460,950	462,950	461,800	465,900	462,900
2015 2/	468,100	468,850	466,950	471,700	468,900
2016 3/	475,550	471,350	472,500	Year-to-Date	473,100
Percentage Change from the Same Period in Previous Year					
1991	4.0	2.5	1.8	0.8	2.2
1992	0.8	1.0	1.6	2.1	1.4
1993	1.4	1.3	0.2	-0.4	0.6
1994	-0.1	-0.6	-0.6	-0.4	-0.4
1995	-0.4	0.5	0.5	0.1	0.2
1996	0.9	0.9	1.5	1.7	1.3
1997	0.8	0.5	0.5	0.0	0.4
1998	-0.2	-0.4	0.0	0.3	-0.1
1999	-0.6	-0.3	-0.7	-0.3	-0.5
2000	0.3	0.1	0.0	0.0	0.1
2001	0.5	0.4	0.3	-0.3	0.2
2002	-1.2	-2.1	-2.1	-1.8	-1.8
2003	-0.7	0.2	0.4	0.4	0.1
2004	0.2	0.5	0.9	1.7	0.8
2005	2.1	2.5	3.2	2.8	2.6
2006	2.3	1.6	0.9	0.2	1.3
2007	0.2	-0.5	-1.1	-0.7	-0.5
2008	-0.3	0.7	0.8	0.1	0.3
2009	-0.6	-1.2	-1.1	-0.8	-0.9
2010	-0.7	0.7	2.3	3.6	1.5
2011 2/	4.5	3.0	1.3	0.2	2.2
2012 2/	-1.4	-1.9	-2.0	-1.6	-1.7
2013 2/	-0.9	-0.1	1.1	2.2	0.6
2014 2/	3.2	3.0	2.6	1.8	2.7
2015 2/	1.6	1.3	1.1	1.2	1.3
2016 3/	1.6	0.5	1.2	Year-to-Date	1.1

1/ Data rounded to nearest 50.

2/ 2011-2015 benchmarked by DLIR in March 2016 and reflect revised population controls and model reestimat

3/ Q2 revised from previous QSER. 2016 data are preliminary.

Source: Hawaii Department of Labor & Industrial Relations monthly and annual data

<<https://www.hiwi.org/gsipub/index.asp?docid=417>>. Quarterly and Year-to-date averages computed by the Hawaii State Department of Business, Economic Development & Tourism.

**Table G-2. CIVILIAN LABOR FORCE - HAWAII**

<i>Year</i>	<i>First Quarter</i>	<i>Second Quarter</i>	<i>Third Quarter</i>	<i>Fourth Quarter</i>	<i>Annual Average</i>
Not Seasonally Adjusted Data. Number of Persons 1/					
1990	56,250	58,250	59,600	59,550	58,400
1991	61,850	63,500	65,200	63,750	63,600
1992	64,400	65,800	66,400	64,250	65,200
1993	65,550	65,600	65,800	64,750	65,450
1994	65,150	65,700	66,950	64,700	65,600
1995	64,650	65,400	66,200	64,800	65,250
1996	65,900	67,300	68,500	68,000	67,400
1997	69,400	68,950	70,650	68,600	69,400
1998	68,750	69,500	70,400	68,700	69,350
1999	69,850	70,100	71,800	70,200	70,500
2000	74,350	73,950	73,950	73,300	73,900
2001	75,450	75,550	76,200	75,750	75,750
2002	75,650	75,550	75,850	74,750	75,450
2003	75,900	76,600	77,450	77,100	76,750
2004	77,350	78,000	79,350	78,750	78,350
2005	79,600	80,350	81,750	81,350	80,750
2006	82,400	83,650	84,450	84,900	83,850
2007	85,550	85,200	84,600	83,800	84,800
2008	85,000	85,750	85,300	83,500	84,900
2009	83,850	84,150	84,500	83,050	83,900
2010	86,250	88,400	89,150	87,300	87,750
2011 2/	88,900	89,600	89,600	86,600	88,700
2012 2/	86,450	86,600	86,650	85,000	86,150
2013 2/	85,300	85,950	86,950	86,000	86,050
2014 2/	86,200	88,100	89,550	87,900	87,950
2015 2/	87,850	88,900	90,550	88,950	89,050
2016	91,300	91,600	91,850	Year-to-Date	91,600
Percentage Change from the Same Period in Previous Year					
1991	10.0	9.0	9.4	7.1	8.9
1992	4.1	3.6	1.8	0.8	2.5
1993	1.8	-0.3	-0.9	0.8	0.4
1994	-0.6	0.2	1.7	-0.1	0.2
1995	-0.8	-0.5	-1.1	0.2	-0.5
1996	1.9	2.9	3.5	4.9	3.3
1997	5.3	2.5	3.1	0.9	3.0
1998	-0.9	0.8	-0.4	0.1	-0.1
1999	1.6	0.9	2.0	2.2	1.7
2000	6.4	5.5	3.0	4.4	4.8
2001	1.5	2.2	3.0	3.3	2.5
2002	0.3	0.0	-0.5	-1.3	-0.4
2003	0.3	1.4	2.1	3.1	1.7
2004	1.9	1.8	2.5	2.1	2.1
2005	2.9	3.0	3.0	3.3	3.1
2006	3.5	4.1	3.3	4.4	3.8
2007	3.8	1.9	0.2	-1.3	1.1
2008	-0.6	0.6	0.8	-0.4	0.1
2009	-1.4	-1.9	-0.9	-0.5	-1.2
2010	2.9	5.1	5.5	5.1	4.6
2011 2/	3.1	1.4	0.5	-0.8	1.1
2012 2/	-2.8	-3.3	-3.3	-1.8	-2.9
2013 2/	-1.3	-0.8	0.3	1.2	-0.1
2014 2/	1.1	2.5	3.0	2.2	2.2
2015 2/	1.9	0.9	1.1	1.2	1.3
2016	3.9	3.0	1.4	Year-to-Date	2.8

1/ Data rounded to nearest 50.

2/ 2011-2015 benchmarked by DLIR in March 2016 and reflect revised population controls and model reestimat

3/ 2016 data are preliminary.

Source: Hawaii Department of Labor & Industrial Relations monthly and annual data

<<https://www.hiwi.org/gsipub/index.asp?docid=417>>. Quarterly and Year-to-date averages computed by the Hawaii State Department of Business, Economic Development & Tourism.

**Table G-3. CIVILIAN LABOR FORCE - MAUI**

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	Annual Average
Not Seasonally Adjusted Data. Number of Persons 1/					
1990	55,150	57,500	58,950	57,850	57,400
1991	58,950	60,450	63,000	62,900	61,350
1992	64,100	65,750	67,300	66,100	65,800
1993	65,750	66,450	67,000	65,050	66,050
1994	65,850	66,050	67,300	66,050	66,300
1995	66,600	67,100	67,800	66,300	66,950
1996	67,350	67,750	69,350	68,550	68,250
1997	69,950	70,050	70,850	68,850	69,950
1998	69,650	70,900	72,300	70,300	70,800
1999	72,200	71,950	73,550	72,700	72,600
2000	70,750	70,800	71,400	70,850	70,950
2001	72,450	73,100	73,400	71,700	72,650
2002	71,750	71,550	72,050	70,000	71,350
2003	70,900	71,150	72,250	70,850	71,250
2004	72,900	73,200	74,400	73,000	73,400
2005	74,000	74,900	76,100	75,000	75,000
2006	76,100	76,850	78,250	77,450	77,150
2007	78,400	78,900	79,100	77,300	78,450
2008	78,650	79,450	79,000	75,800	78,250
2009	75,750	76,400	77,050	74,950	76,050
2010	77,850	79,150	79,900	79,000	78,950
2011 2/	80,900	81,100	81,150	78,850	80,500
2012 2/	79,500	79,250	79,800	78,400	79,250
2013 2/	79,000	79,350	80,600	80,200	79,800
2014 2/	81,750	82,550	83,550	82,650	82,650
2015 2/	83,500	84,000	85,050	84,400	84,250
2016 3/	85,900	85,850	86,550	Year-to-Date	86,100
Percentage Change from the Same Period in Previous Year					
1991	6.9	5.1	6.9	8.7	6.9
1992	8.7	8.8	6.8	5.1	7.3
1993	2.6	1.1	-0.4	-1.6	0.4
1994	0.2	-0.6	0.4	1.5	0.4
1995	1.1	1.6	0.7	0.4	1.0
1996	1.1	1.0	2.3	3.4	1.9
1997	3.9	3.4	2.2	0.4	2.5
1998	-0.4	1.2	2.0	2.1	1.2
1999	3.7	1.5	1.7	3.4	2.5
2000	-2.0	-1.6	-2.9	-2.5	-2.3
2001	2.4	3.2	2.8	1.2	2.4
2002	-1.0	-2.1	-1.8	-2.4	-1.8
2003	-1.2	-0.6	0.3	1.2	-0.1
2004	2.8	2.9	3.0	3.0	3.0
2005	1.5	2.3	2.3	2.7	2.2
2006	2.8	2.6	2.8	3.3	2.9
2007	3.0	2.7	1.1	-0.2	1.7
2008	0.3	0.7	-0.1	-1.9	-0.3
2009	-3.7	-3.8	-2.5	-1.1	-2.8
2010	2.8	3.6	3.7	5.4	3.8
2011 2/	3.9	2.5	1.6	-0.2	2.0
2012 2/	-1.7	-2.3	-1.7	-0.6	-1.6
2013 2/	-0.6	0.1	1.0	2.3	0.7
2014 2/	3.5	4.0	3.7	3.1	3.6
2015 2/	2.1	1.8	1.8	2.1	1.9
2016 3/	2.9	2.2	1.8	Year-to-Date	2.3

1/ Data rounded to nearest 50.

2/ 2011-2015 benchmarked by DLIR in March 2016 and reflect revised population controls and model reestimat

3/ Q2 revised from previous QSER. 2016 data are preliminary.

Source: Hawaii Department of Labor & Industrial Relations monthly and annual data  
 <<https://www.hiwi.org/gsipub/index.asp?docid=417>>. Quarterly and Year-to-date averages computed by  
 the Hawaii State Department of Business, Economic Development & Tourism.

**Table G-4. CIVILIAN LABOR FORCE - KAUAI**

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	Annual Average
Not Seasonally Adjusted Data. Number of Persons 1/					
1990	25,950	25,900	26,100	26,600	26,150
1991	27,850	28,500	29,150	28,500	28,500
1992	29,150	29,450	29,250	29,750	29,400
1993	28,850	28,400	28,400	28,200	28,450
1994	28,600	28,600	28,900	28,550	28,700
1995	28,650	28,650	29,200	28,850	28,850
1996	29,100	28,950	29,250	29,050	29,100
1997	28,800	28,950	29,250	28,550	28,900
1998	28,750	29,000	29,350	28,800	29,000
1999	29,150	29,100	29,700	29,450	29,350
2000	30,400	30,400	30,350	29,800	30,250
2001	30,150	30,500	30,500	29,900	30,250
2002	29,600	29,950	30,450	29,900	30,000
2003	30,250	30,500	31,150	30,650	30,650
2004	30,650	31,300	31,750	31,150	31,200
2005	31,450	31,600	32,650	31,900	31,900
2006	32,000	32,350	32,850	32,700	32,450
2007	32,550	32,650	33,000	32,450	32,650
2008	32,650	32,800	33,050	32,150	32,650
2009	31,950	32,050	32,350	31,600	32,000
2010	33,400	34,450	35,100	34,400	34,300
2011 2/	34,950	35,350	35,500	33,850	34,900
2012 2/	34,100	33,900	34,250	33,400	33,900
2013 2/	33,550	33,900	34,400	33,900	33,950
2014 2/	34,300	35,000	35,500	34,750	34,900
2015 2/	34,900	35,350	35,850	34,900	35,250
2016 3/	35,850	36,100	36,450	Year-to-Date	36,150
Percentage Change from the Same Period in Previous Year					
1991	7.3	10.0	11.7	7.1	9.0
1992	4.7	3.3	0.3	4.4	3.2
1993	-1.0	-3.6	-2.9	-5.2	-3.2
1994	-0.9	0.7	1.8	1.2	0.9
1995	0.2	0.2	1.0	1.1	0.5
1996	1.6	1.0	0.2	0.7	0.9
1997	-1.0	0.0	0.0	-1.7	-0.7
1998	-0.2	0.2	0.3	0.9	0.3
1999	1.4	0.3	1.2	2.3	1.2
2000	4.3	4.5	2.2	1.2	3.1
2001	-0.8	0.3	0.5	0.3	0.0
2002	-1.8	-1.8	-0.2	0.0	-0.8
2003	2.2	1.8	2.3	2.5	2.2
2004	1.3	2.6	1.9	1.6	1.8
2005	2.6	1.0	2.8	2.4	2.2
2006	1.7	2.4	0.6	2.5	1.7
2007	1.7	0.9	0.5	-0.8	0.6
2008	0.3	0.5	0.2	-0.9	0.0
2009	-2.1	-2.3	-2.1	-1.7	-2.0
2010	4.5	7.5	8.5	8.9	7.2
2011 2/	4.6	2.6	1.1	-1.6	1.7
2012 2/	-2.4	-4.1	-3.5	-1.3	-2.9
2013 2/	-1.6	0.0	0.4	1.5	0.1
2014 2/	2.2	3.2	3.2	2.5	2.8
2015 2/	1.7	1.0	1.0	0.4	1.0
2016 3/	2.7	2.1	1.7	Year-to-Date	2.3

1/ Data rounded to nearest 50.

2/ 2011-2015 benchmarked by DLIR in March 2016 and reflect revised population controls and model reestimat

3/ Q2 revised from previous QSER. 2016 data are preliminary.

Source: Hawaii Department of Labor & Industrial Relations monthly and annual data  
<https://www.hiwi.org/gsipub/index.asp?docid=417>. Quarterly and Year-to-date averages computed by  
the Hawaii State Department of Business, Economic Development & Tourism.

**Table G-5. CIVILIAN EMPLOYMENT - HONOLULU**

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	Annual Average
Not Seasonally Adjusted Data. Number of Persons 1/					
1990	392,950	399,950	401,250	406,600	400,200
1991	409,150	410,500	408,700	409,100	409,350
1992	410,350	411,600	411,150	414,150	411,800
1993	413,300	415,500	411,300	410,600	412,700
1994	408,950	408,050	403,150	406,650	406,700
1995	407,400	408,750	403,100	404,150	405,850
1996	406,850	409,650	407,700	409,450	408,400
1997	410,050	412,400	409,450	410,100	410,500
1998	409,700	410,700	408,750	410,200	409,850
1999	407,050	410,650	409,450	412,950	410,000
2000	411,050	414,100	412,000	415,300	413,100
2001	415,350	415,950	413,150	408,450	413,200
2002	407,000	407,150	405,100	407,550	406,700
2003	408,300	408,500	405,500	407,900	407,550
2004	409,400	413,900	413,550	418,700	413,900
2005	420,950	426,350	428,500	432,300	427,000
2006	432,200	433,200	433,450	435,000	433,500
2007	433,600	432,150	427,950	429,650	430,850
2008	430,250	430,500	425,000	421,600	426,850
2009	415,300	414,000	411,050	412,450	413,200
2010	410,800	418,300	421,300	428,150	419,650
2011 2/	430,600	431,600	426,900	428,350	429,350
2012 2/	423,850	423,900	422,100	426,850	424,150
2013 2/	426,450	429,550	430,350	437,750	431,050
2014 2/	441,450	443,350	443,050	448,250	444,000
2015 2/	450,900	452,100	451,350	457,500	452,950
2016 3/	461,550	456,300	458,100	Year-to-Date	458,650
Percentage Change from the Same Period in Previous Year					
1991	4.1	2.6	1.9	0.6	2.3
1992	0.3	0.3	0.6	1.2	0.6
1993	0.7	0.9	0.0	-0.9	0.2
1994	-1.1	-1.8	-2.0	-1.0	-1.5
1995	-0.4	0.2	0.0	-0.6	-0.2
1996	-0.1	0.2	1.1	1.3	0.6
1997	0.8	0.7	0.4	0.2	0.5
1998	-0.1	-0.4	-0.2	0.0	-0.2
1999	-0.6	0.0	0.2	0.7	0.0
2000	1.0	0.8	0.6	0.6	0.8
2001	1.0	0.4	0.3	-1.6	0.0
2002	-2.0	-2.1	-1.9	-0.2	-1.6
2003	0.3	0.3	0.1	0.1	0.2
2004	0.3	1.3	2.0	2.6	1.6
2005	2.8	3.0	3.6	3.2	3.2
2006	2.7	1.6	1.2	0.6	1.5
2007	0.3	-0.2	-1.3	-1.2	-0.6
2008	-0.8	-0.4	-0.7	-1.9	-0.9
2009	-3.5	-3.8	-3.3	-2.2	-3.2
2010	-1.1	1.0	2.5	3.8	1.6
2011 2/	4.8	3.2	1.3	0.0	2.3
2012 2/	-1.6	-1.8	-1.1	-0.4	-1.2
2013 2/	0.6	1.3	2.0	2.6	1.6
2014 2/	3.5	3.2	3.0	2.4	3.0
2015 2/	2.1	2.0	1.9	2.1	2.0
2016 3/	2.4	0.9	1.5	Year-to-Date	1.6

1/ Data rounded to nearest 50.

2/ 2011-2015 benchmarked by DLIR in March 2016 and reflect revised population controls and model reestimation

3/ Q2 revised from previous QSER. 2016 data are preliminary.

Source: Hawaii Department of Labor & Industrial Relations monthly and annual data

<<https://www.hiwi.org/gsipub/index.asp?docid=417>>. Quarterly and Year-to-date averages computed by the Hawaii State Department of Business, Economic Development & Tourism.

**Table G-6. CIVILIAN EMPLOYMENT - HAWAII**

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	Annual Average
Not Seasonally Adjusted Data. Number of Persons 1/					
1990	54,000	55,450	57,350	57,850	56,150
1991	59,450	60,350	61,900	60,800	60,600
1992	60,250	60,200	60,500	59,950	60,200
1993	60,500	59,950	60,750	60,150	60,350
1994	59,500	59,100	59,650	58,250	59,100
1995	58,450	58,350	58,700	58,850	58,600
1996	59,650	60,300	61,400	61,950	60,850
1997	63,150	61,400	63,000	62,550	62,500
1998	62,700	62,400	63,300	62,950	62,850
1999	64,050	63,550	65,250	65,400	64,550
2000	70,550	70,000	70,100	70,000	70,150
2001	71,850	71,350	72,350	71,500	71,750
2002	71,800	71,550	72,250	71,700	71,850
2003	72,400	72,350	73,500	73,600	73,000
2004	74,050	74,600	76,150	75,900	75,150
2005	76,800	77,450	78,750	78,900	78,000
2006	79,800	80,600	81,800	82,700	81,200
2007	82,900	82,150	81,400	80,650	81,750
2008	81,450	81,100	79,650	77,000	79,800
2009	75,900	75,300	75,550	74,600	75,350
2010	77,850	79,500	80,200	78,900	79,100
2011 2/	80,300	80,350	80,700	78,400	79,950
2012 2/	78,550	78,900	79,600	78,900	79,000
2013 2/	79,450	79,950	81,250	80,700	80,350
2014 2/	81,100	82,850	84,700	83,600	83,050
2015 2/	83,600	84,750	86,600	85,450	85,100
2016	87,800	87,600	88,000	Year-to-Date	87,800
Percentage Change from the Same Period in Previous Year					
1991	10.1	8.8	7.9	5.1	7.9
1992	1.3	-0.2	-2.3	-1.4	-0.7
1993	0.4	-0.4	0.4	0.3	0.2
1994	-1.7	-1.4	-1.8	-3.2	-2.1
1995	-1.8	-1.3	-1.6	1.0	-0.8
1996	2.1	3.3	4.6	5.3	3.8
1997	5.9	1.8	2.6	1.0	2.7
1998	-0.7	1.6	0.5	0.6	0.6
1999	2.2	1.8	3.1	3.9	2.7
2000	10.1	10.1	7.4	7.0	8.7
2001	1.8	1.9	3.2	2.1	2.3
2002	-0.1	0.3	-0.1	0.3	0.1
2003	0.8	1.1	1.7	2.6	1.6
2004	2.3	3.1	3.6	3.1	2.9
2005	3.7	3.8	3.4	4.0	3.8
2006	3.9	4.1	3.9	4.8	4.1
2007	3.9	1.9	-0.5	-2.5	0.7
2008	-1.7	-1.3	-2.1	-4.5	-2.4
2009	-6.8	-7.2	-5.1	-3.1	-5.6
2010	2.6	5.6	6.2	5.8	5.0
2011 2/	3.1	1.1	0.6	-0.6	1.1
2012 2/	-2.2	-1.8	-1.4	0.6	-1.2
2013 2/	1.1	1.3	2.1	2.3	1.7
2014 2/	2.1	3.6	4.2	3.6	3.4
2015 2/	3.1	2.3	2.2	2.2	2.5
2016	5.0	3.4	1.6	Year-to-Date	3.3

1/ Data rounded to nearest 50.

2/ 2011-2015 benchmarked by DLIR in March 2016 and reflect revised population controls and model reestimation

3/ 2016 data are preliminary.

Source: Hawaii Department of Labor & Industrial Relations monthly and annual data

<<https://www.hiwi.org/gsipub/index.asp?docid=417>>. Quarterly and Year-to-date averages computed by the Hawaii State Department of Business, Economic Development & Tourism.

**Table G-7. CIVILIAN EMPLOYMENT - MAUI**

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	Annual Average
Not Seasonally Adjusted Data. Number of Persons 1/					
1990	52,700	54,650	56,200	55,450	54,750
1991	56,200	57,150	59,200	59,150	57,900
1992	59,500	60,200	61,250	60,650	60,400
1993	61,650	62,850	63,500	61,700	62,450
1994	61,750	61,850	63,000	62,100	62,200
1995	62,050	62,050	62,600	61,500	62,050
1996	62,350	62,850	64,450	63,700	63,350
1997	64,800	64,550	65,750	64,250	64,850
1998	64,900	66,000	67,450	66,050	66,100
1999	67,800	67,900	69,600	69,200	68,600
2000	67,700	67,950	68,600	68,400	68,150
2001	69,750	70,200	70,550	67,800	69,550
2002	68,450	68,600	69,250	67,500	68,450
2003	68,300	68,300	69,150	68,050	68,450
2004	70,350	70,750	72,050	70,900	71,000
2005	72,000	72,850	73,950	73,050	72,950
2006	74,100	74,700	76,300	75,850	75,250
2007	76,600	76,950	76,450	74,550	76,150
2008	75,900	76,200	74,900	70,650	74,400
2009	69,300	69,300	69,800	68,000	69,100
2010	71,000	72,300	73,100	72,450	72,200
2011 2/	74,350	74,650	74,750	72,800	74,150
2012 2/	73,750	73,900	74,850	74,050	74,150
2013 2/	74,800	75,250	76,500	76,150	75,650
2014 2/	77,700	78,650	79,900	79,350	78,900
2015 2/	80,000	80,750	82,000	81,550	81,050
2016 3/	83,000	82,850	83,550	Year-to-Date	83,150
Percentage Change from the Same Period in Previous Year					
1991	6.6	4.6	5.3	6.7	5.8
1992	5.9	5.3	3.5	2.5	4.3
1993	3.6	4.4	3.7	1.7	3.4
1994	0.2	-1.6	-0.8	0.6	-0.4
1995	0.5	0.3	-0.6	-1.0	-0.2
1996	0.5	1.3	3.0	3.6	2.1
1997	3.9	2.7	2.0	0.9	2.4
1998	0.2	2.2	2.6	2.8	1.9
1999	4.5	2.9	3.2	4.8	3.8
2000	-0.1	0.1	-1.4	-1.2	-0.7
2001	3.0	3.3	2.8	-0.9	2.1
2002	-1.9	-2.3	-1.8	-0.4	-1.6
2003	-0.2	-0.4	-0.1	0.8	0.0
2004	3.0	3.6	4.2	4.2	3.7
2005	2.3	3.0	2.6	3.0	2.7
2006	2.9	2.5	3.2	3.8	3.2
2007	3.4	3.0	0.2	-1.7	1.2
2008	-0.9	-1.0	-2.0	-5.2	-2.3
2009	-8.7	-9.1	-6.8	-3.8	-7.1
2010	2.5	4.3	4.7	6.5	4.5
2011 2/	4.7	3.3	2.3	0.5	2.7
2012 2/	-0.8	-1.0	0.1	1.7	0.0
2013 2/	1.4	1.8	2.2	2.8	2.0
2014 2/	3.9	4.5	4.4	4.2	4.3
2015 2/	3.0	2.7	2.6	2.8	2.7
2016 3/	3.8	2.6	1.9	Year-to-Date	2.8

1/ Data rounded to nearest 50.

2/ 2011-2015 benchmarked by DLIR in March 2016 and reflect revised population controls and model reestimat

3/ Q2 revised from previous QSER. 2016 data are preliminary.

Source: Hawaii Department of Labor & Industrial Relations monthly and annual data

<<https://www.hiwi.org/gsipub/index.asp?docid=417>>. Quarterly and Year-to-date averages computed by the Hawaii State Department of Business, Economic Development & Tourism.

**Table G-8. CIVILIAN EMPLOYMENT - KAUAI**

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	Annual Average
Not Seasonally Adjusted Data. Number of Persons 1/					
1990	24,800	24,700	25,100	25,850	25,100
1991	26,750	27,250	27,850	27,200	27,300
1992	27,350	27,300	27,250	24,050	26,500
1993	24,050	24,600	25,050	25,050	24,700
1994	24,600	24,700	25,250	25,200	24,950
1995	25,300	25,300	25,950	25,600	25,550
1996	25,450	25,400	25,950	25,550	25,600
1997	25,350	25,750	26,100	25,600	25,700
1998	25,800	26,100	26,600	26,200	26,200
1999	26,750	27,000	27,650	27,400	27,200
2000	28,850	28,950	28,900	28,400	28,750
2001	28,600	28,800	29,000	28,150	28,650
2002	28,000	28,500	29,200	28,750	28,600
2003	29,000	29,150	29,800	29,450	29,350
2004	29,500	30,200	30,650	30,100	30,100
2005	30,500	30,700	31,750	31,050	31,000
2006	31,150	31,400	32,000	32,050	31,650
2007	31,750	31,800	32,150	31,450	31,800
2008	31,600	31,450	31,450	29,800	31,100
2009	28,800	28,750	29,200	28,750	28,850
2010	30,400	31,400	32,000	31,400	31,300
2011 2/	31,950	32,200	32,400	31,000	31,850
2012 2/	31,300	31,200	31,850	31,300	31,400
2013 2/	31,550	32,000	32,550	32,050	32,050
2014 2/	32,450	33,250	33,850	33,250	33,200
2015 2/	33,400	33,850	34,450	33,550	33,800
2016 3/	34,550	34,750	35,200	Year-to-Date	34,850
Percentage Change from the Same Period in Previous Year					
1991	7.9	10.3	11.0	5.2	8.8
1992	2.2	0.2	-2.2	-11.6	-2.9
1993	-12.1	-9.9	-8.1	4.2	-6.8
1994	2.3	0.4	0.8	0.6	1.0
1995	2.8	2.4	2.8	1.6	2.4
1996	0.6	0.4	0.0	-0.2	0.2
1997	-0.4	1.4	0.6	0.2	0.4
1998	1.8	1.4	1.9	2.3	1.9
1999	3.7	3.4	3.9	4.6	3.8
2000	7.9	7.2	4.5	3.6	5.7
2001	-0.9	-0.5	0.3	-0.9	-0.3
2002	-2.1	-1.0	0.7	2.1	-0.2
2003	3.6	2.3	2.1	2.4	2.6
2004	1.7	3.6	2.9	2.2	2.6
2005	3.4	1.7	3.6	3.2	3.0
2006	2.1	2.3	0.8	3.2	2.1
2007	1.9	1.3	0.5	-1.9	0.5
2008	-0.5	-1.1	-2.2	-5.2	-2.2
2009	-8.9	-8.6	-7.2	-3.5	-7.2
2010	5.6	9.2	9.6	9.2	8.5
2011 2/	5.1	2.5	1.3	-1.3	1.8
2012 2/	-2.0	-3.1	-1.7	1.0	-1.4
2013 2/	0.8	2.6	2.2	2.4	2.1
2014 2/	2.9	3.9	4.0	3.7	3.6
2015 2/	2.9	1.8	1.8	0.9	1.8
2016 3/	3.4	2.7	2.2	Year-to-Date	2.8

1/ Data rounded to nearest 50.

2/ 2011-2015 benchmarked by DLIR in March 2016 and reflect revised population controls and model reestimat

3/ Q2 revised from previous QSER. 2016 data are preliminary.

Source: Hawaii Department of Labor & Industrial Relations monthly and annual data

<<https://www.hiwi.org/gsipub/index.asp?docid=417>>. Quarterly and Year-to-date averages computed by the Hawaii State Department of Business, Economic Development & Tourism.



**Table G-9. CIVILIAN UNEMPLOYMENT - HONOLULU**

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	Annual Average
Not Seasonally Adjusted Data. Number of Persons 1/					
1990	8,700	9,450	9,000	8,000	8,800
1991	8,750	8,950	8,900	8,750	8,850
1992	10,700	12,150	13,000	12,250	12,050
1993	13,500	13,550	13,700	14,250	13,750
1994	17,300	18,550	19,150	16,650	17,900
1995	17,250	20,050	21,350	19,750	19,600
1996	21,750	23,000	23,150	21,850	22,450
1997	21,800	22,500	23,400	21,300	22,250
1998	21,300	22,600	24,050	22,550	22,600
1999	21,450	21,350	20,350	18,550	20,450
2000	18,700	18,300	17,800	16,300	17,750
2001	16,650	18,150	18,050	22,100	18,750
2002	19,950	18,050	16,800	15,000	17,450
2003	15,550	17,450	18,100	16,550	16,900
2004	15,300	14,250	13,800	13,050	14,100
2005	12,500	12,500	12,450	11,450	12,250
2006	11,300	12,800	11,500	9,650	11,300
2007	10,800	11,850	12,000	12,000	11,650
2008	12,800	16,400	18,650	20,500	17,100
2009	24,900	27,500	27,500	26,300	26,550
2010	26,300	26,400	27,300	26,250	26,550
2011 2/	26,100	26,450	27,550	27,100	26,800
2012 2/	26,600	25,600	23,350	21,100	24,150
2013 2/	20,000	19,750	19,800	19,900	19,900
2014 2/	19,500	19,600	18,750	17,700	18,900
2015 2/	17,200	16,700	15,550	14,200	15,900
2016 3/	14,000	15,000	14,400	Year-to-Date	14,450
Percentage Change from the Same Period in Previous Year					
1991	0.6	-5.3	-1.1	9.4	0.6
1992	22.3	35.8	46.1	40.0	36.2
1993	26.2	11.5	5.4	16.3	14.1
1994	28.1	36.9	39.8	16.8	30.2
1995	-0.3	8.1	11.5	18.6	9.5
1996	26.1	14.7	8.4	10.6	14.5
1997	0.2	-2.2	1.1	-2.5	-0.9
1998	-2.3	0.4	2.8	5.9	1.6
1999	0.7	-5.5	-15.4	-17.7	-9.5
2000	-12.8	-14.3	-12.5	-12.1	-13.2
2001	-11.0	-0.8	1.4	35.6	5.6
2002	19.8	-0.6	-6.9	-32.1	-6.9
2003	-22.1	-3.3	7.7	10.3	-3.2
2004	-1.6	-18.3	-23.8	-21.1	-16.6
2005	-18.3	-12.3	-9.8	-12.3	-13.1
2006	-9.6	2.4	-7.6	-15.7	-7.8
2007	-4.4	-7.4	4.3	24.4	3.1
2008	18.5	38.4	55.4	70.8	46.8
2009	94.5	67.7	47.5	28.3	55.3
2010	5.6	-4.0	-0.7	-0.2	0.0
2011 2/	-0.8	0.2	0.9	3.2	0.9
2012 2/	1.9	-3.2	-15.2	-22.1	-9.9
2013 2/	-24.8	-22.9	-15.2	-5.7	-17.6
2014 2/	-2.5	-0.8	-5.3	-11.1	-5.0
2015 2/	-11.8	-14.8	-17.1	-19.8	-15.9
2016 3/	-18.6	-10.2	-7.4	Year-to-Date	-12.4

1/ Data rounded to nearest 50.

2/ 2011-2015 benchmarked by DLIR in March 2016 and reflect revised population controls and model reestimat

3/ Q2 revised from previous QSER. 2016 data are preliminary.

Source: Hawaii Department of Labor & Industrial Relations monthly and annual data  
 <<https://www.hiwi.org/gsipub/index.asp?docid=417>>. Quarterly and Year-to-date averages computed by  
 the Hawaii State Department of Business, Economic Development & Tourism.

**Table G-10. CIVILIAN UNEMPLOYMENT - HAWAII**

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	Annual Average
Not Seasonally Adjusted Data. Number of Persons 1/					
1990	2,300	2,800	2,200	1,650	2,250
1991	2,400	3,150	3,300	2,950	2,950
1992	4,100	5,650	5,900	4,300	5,000
1993	5,050	5,700	5,050	4,600	5,100
1994	5,650	6,600	7,350	6,450	6,500
1995	6,150	7,050	7,550	5,950	6,650
1996	6,250	7,000	7,100	6,000	6,600
1997	6,300	7,500	7,600	6,050	6,900
1998	6,100	7,150	7,050	5,750	6,500
1999	5,750	6,550	6,550	4,800	5,900
2000	3,800	3,950	3,900	3,250	3,700
2001	3,600	4,200	3,850	4,250	4,000
2002	3,800	3,950	3,600	3,050	3,600
2003	3,450	4,200	3,950	3,500	3,800
2004	3,300	3,400	3,200	2,800	3,200
2005	2,800	2,900	3,000	2,500	2,800
2006	2,600	3,050	2,650	2,200	2,600
2007	2,700	3,050	3,200	3,150	3,000
2008	3,600	4,650	5,650	6,500	5,100
2009	7,950	8,850	8,950	8,450	8,550
2010	8,400	8,900	9,000	8,400	8,650
2011 2/	8,550	9,250	8,850	8,200	8,700
2012 2/	7,900	7,700	7,050	6,050	7,150
2013 2/	5,850	6,000	5,700	5,350	5,700
2014 2/	5,100	5,250	4,850	4,250	4,850
2015 2/	4,250	4,200	3,950	3,450	3,950
2016 3/	3,500	4,000	3,850	Year-to-Date	3,800
Percentage Change from the Same Period in Previous Year					
1991	4.3	12.5	50.0	78.8	31.1
1992	70.8	79.4	78.8	45.8	69.5
1993	23.2	0.9	-14.4	7.0	2.0
1994	11.9	15.8	45.5	40.2	27.5
1995	8.8	6.8	2.7	-7.8	2.3
1996	1.6	-0.7	-6.0	0.8	-0.8
1997	0.8	7.1	7.0	0.8	4.5
1998	-3.2	-4.7	-7.2	-5.0	-5.8
1999	-5.7	-8.4	-7.1	-16.5	-9.2
2000	-33.9	-39.7	-40.5	-32.3	-37.3
2001	-5.3	6.3	-1.3	30.8	8.1
2002	5.6	-6.0	-6.5	-28.2	-10.0
2003	-9.2	6.3	9.7	14.8	5.6
2004	-4.3	-19.0	-19.0	-20.0	-15.8
2005	-15.2	-14.7	-6.3	-10.7	-12.5
2006	-7.1	5.2	-11.7	-12.0	-7.1
2007	3.8	0.0	20.8	43.2	15.4
2008	33.3	52.5	76.6	106.3	70.0
2009	120.8	90.3	58.4	30.0	67.6
2010	5.7	0.6	0.6	-0.6	1.2
2011 2/	1.8	3.9	-1.7	-2.4	0.6
2012 2/	-7.6	-16.8	-20.3	-26.2	-17.8
2013 2/	-25.9	-22.1	-19.1	-11.6	-20.3
2014 2/	-12.8	-12.5	-14.9	-20.6	-14.9
2015 2/	-16.7	-20.0	-18.6	-18.8	-18.6
2016 3/	-17.6	-4.8	-2.5	Year-to-Date	-8.4

1/ Data rounded to nearest 50.

2/ 2011-2015 benchmarked by DLIR in March 2016 and reflect revised population controls and model reestimation

3/ Q2 revised from previous QSER. 2016 data are preliminary.

Source: Hawaii Department of Labor & Industrial Relations monthly and annual data

<<https://www.hiwi.org/gsipub/index.asp?docid=417>>. Quarterly and Year-to-date averages computed by the Hawaii State Department of Business, Economic Development & Tourism.

**Table G-11. CIVILIAN UNEMPLOYMENT - MAUI**

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	Annual Average
Not Seasonally Adjusted Data. Number of Persons 1/					
1990	2,500	2,900	2,800	2,350	2,650
1991	2,750	3,300	3,800	3,750	3,400
1992	4,550	5,550	6,000	5,400	5,400
1993	4,050	3,600	3,500	3,350	3,650
1994	4,050	4,200	4,300	4,000	4,150
1995	4,550	5,050	5,200	4,750	4,900
1996	5,050	4,850	4,900	4,850	4,900
1997	5,100	5,500	5,100	4,600	5,100
1998	4,800	4,850	4,850	4,250	4,700
1999	4,400	4,100	3,950	3,500	4,000
2000	3,050	2,900	2,750	2,450	2,800
2001	2,700	2,900	2,850	3,900	3,100
2002	3,350	2,950	2,800	2,500	2,900
2003	2,600	2,850	3,050	2,750	2,850
2004	2,550	2,500	2,300	2,150	2,350
2005	2,000	2,000	2,100	2,000	2,050
2006	2,000	2,200	1,950	1,600	1,950
2007	1,800	2,000	2,650	2,800	2,300
2008	2,750	3,250	4,100	5,150	3,800
2009	6,450	7,100	7,250	6,950	6,950
2010	6,850	6,800	6,800	6,550	6,750
2011 2/	6,600	6,500	6,400	6,100	6,400
2012 2/	5,700	5,350	4,950	4,350	5,100
2013 2/	4,200	4,100	4,100	4,050	4,100
2014 2/	4,050	3,950	3,650	3,350	3,750
2015 2/	3,500	3,300	3,050	2,850	3,150
2016 3/	2,900	3,000	3,000	Year-to-Date	2,950
Percentage Change from the Same Period in Previous Year					
1991	10.0	13.8	35.7	59.6	28.3
1992	65.5	68.2	57.9	44.0	58.8
1993	-11.0	-35.1	-41.7	-38.0	-32.4
1994	0.0	16.7	22.9	19.4	13.7
1995	12.3	20.2	20.9	18.8	18.1
1996	11.0	-4.0	-5.8	2.1	0.0
1997	1.0	13.4	4.1	-5.2	4.1
1998	-5.9	-11.8	-4.9	-7.6	-7.8
1999	-8.3	-15.5	-18.6	-17.6	-14.9
2000	-30.7	-29.3	-30.4	-30.0	-30.0
2001	-11.5	0.0	3.6	59.2	10.7
2002	24.1	1.7	-1.8	-35.9	-6.5
2003	-22.4	-3.4	8.9	10.0	-1.7
2004	-1.9	-12.3	-24.6	-21.8	-17.5
2005	-21.6	-20.0	-8.7	-7.0	-12.8
2006	0.0	10.0	-7.1	-20.0	-4.9
2007	-10.0	-9.1	35.9	75.0	17.9
2008	52.8	62.5	54.7	83.9	65.2
2009	134.5	118.5	76.8	35.0	82.9
2010	6.2	-4.2	-6.2	-5.8	-2.9
2011 2/	-3.6	-4.4	-5.9	-6.9	-5.2
2012 2/	-13.6	-17.7	-22.7	-28.7	-20.3
2013 2/	-26.3	-23.4	-17.2	-6.9	-19.6
2014 2/	-3.6	-3.7	-11.0	-17.3	-8.5
2015 2/	-13.6	-16.5	-16.4	-14.9	-16.0
2016 3/	-17.1	-9.1	-1.6	Year-to-Date	-10.6

1/ Data rounded to nearest 50.

2/ 2011-2015 benchmarked by DLIR in March 2016 and reflect revised population controls and model reestimation

3/ Q2 revised from previous QSER. 2016 data are preliminary.

Source: Hawaii Department of Labor & Industrial Relations monthly and annual data

<<https://www.hiwi.org/gsipub/index.asp?docid=417>>. Quarterly and Year-to-date averages computed by the Hawaii State Department of Business, Economic Development & Tourism.

**Table G-12. CIVILIAN UNEMPLOYMENT - KAUAI**

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	Annual Average
Not Seasonally Adjusted Data. Number of Persons 1/					
1990	1,150	1,150	1,000	800	1,050
1991	1,050	1,250	1,250	1,250	1,200
1992	1,800	2,150	1,950	5,700	2,900
1993	4,800	3,850	3,400	3,150	3,800
1994	4,000	3,950	3,700	3,350	3,750
1995	3,300	3,400	3,250	3,250	3,300
1996	3,650	3,550	3,300	3,500	3,500
1997	3,400	3,200	3,100	2,950	3,150
1998	2,950	2,900	2,800	2,600	2,800
1999	2,450	2,150	2,050	2,050	2,150
2000	1,550	1,450	1,500	1,350	1,450
2001	1,550	1,700	1,500	1,700	1,600
2002	1,600	1,400	1,300	1,150	1,350
2003	1,250	1,400	1,350	1,200	1,300
2004	1,150	1,100	1,100	1,050	1,100
2005	950	900	900	850	900
2006	850	900	900	650	850
2007	800	850	900	1,000	900
2008	1,050	1,300	1,600	2,350	1,600
2009	3,150	3,350	3,150	2,900	3,150
2010	2,950	3,050	3,050	2,950	3,000
2011 2/	3,050	3,150	3,100	2,850	3,050
2012 2/	2,800	2,700	2,400	2,050	2,500
2013 2/	2,000	1,900	1,850	1,900	1,900
2014 2/	1,800	1,750	1,650	1,500	1,700
2015 2/	1,550	1,500	1,450	1,300	1,450
2016 3/	1,300	1,350	1,250	Year-to-Date	1,300
Percentage Change from the Same Period in Previous Year					
1991	-8.7	8.7	25.0	56.3	14.3
1992	71.4	72.0	56.0	356.0	141.7
1993	166.7	79.1	74.4	-44.7	31.0
1994	-16.7	2.6	8.8	6.3	-1.3
1995	-17.5	-13.9	-12.2	-3.0	-12.0
1996	10.6	4.4	1.5	7.7	6.1
1997	-6.8	-9.9	-6.1	-15.7	-10.0
1998	-13.2	-9.4	-9.7	-11.9	-11.1
1999	-16.9	-25.9	-26.8	-21.2	-23.2
2000	-36.7	-32.6	-26.8	-34.1	-32.6
2001	0.0	17.2	0.0	25.9	10.3
2002	3.2	-17.6	-13.3	-32.4	-15.6
2003	-21.9	0.0	3.8	4.3	-3.7
2004	-8.0	-21.4	-18.5	-12.5	-15.4
2005	-17.4	-18.2	-18.2	-19.0	-18.2
2006	-10.5	0.0	0.0	-23.5	-5.6
2007	-5.9	-5.6	0.0	53.8	5.9
2008	31.3	52.9	77.8	135.0	77.8
2009	200.0	157.7	96.9	23.4	96.9
2010	-6.3	-9.0	-3.2	1.7	-4.8
2011 2/	3.4	3.3	1.6	-3.4	1.7
2012 2/	-8.2	-14.3	-22.6	-28.1	-18.0
2013 2/	-28.6	-29.6	-22.9	-7.3	-24.0
2014 2/	-10.0	-7.9	-10.8	-21.1	-10.5
2015 2/	-13.9	-14.3	-12.1	-13.3	-14.7
2016 3/	-16.1	-10.0	-13.8	Year-to-Date	-13.3

NA Not available.

1/ Data rounded to nearest 50.

2/ 2011-2015 benchmarked by DLIR in March 2016 and reflect revised population controls and model reestimat

3/ Q2 revised from previous QSER. 2016 data are preliminary.

Source: Hawaii Department of Labor & Industrial Relations monthly and annual data

<<https://www.hiwi.org/gsipub/index.asp?docid=417>>. Quarterly and Year-to-date averages computed by the Hawaii State Department of Business, Economic Development & Tourism.

**Table G-13. CIVILIAN UNEMPLOYMENT RATE - HONOLULU**

<i>Year</i>	<i>First Quarter</i>	<i>Second Quarter</i>	<i>Third Quarter</i>	<i>Fourth Quarter</i>	<i>Annual Average</i>
Not Seasonally Adjusted Data. Percent 1/					
1990	2.2	2.3	2.2	1.9	2.1
1991	2.1	2.2	2.1	2.1	2.1
1992	2.6	2.9	3.1	2.9	2.8
1993	3.2	3.2	3.2	3.4	3.2
1994	4.1	4.4	4.5	3.9	4.2
1995	4.1	4.7	5.0	4.7	4.6
1996	5.1	5.3	5.4	5.1	5.2
1997	5.0	5.2	5.4	4.9	5.1
1998	4.9	5.2	5.6	5.2	5.2
1999	5.0	4.9	4.7	4.3	4.7
2000	4.3	4.2	4.1	3.8	4.1
2001	3.8	4.2	4.2	5.1	4.3
2002	4.7	4.3	4.0	3.5	4.1
2003	3.6	4.1	4.3	3.9	4.0
2004	3.6	3.3	3.2	3.0	3.3
2005	2.9	2.8	2.8	2.6	2.8
2006	2.5	2.8	2.6	2.2	2.5
2007	2.4	2.7	2.7	2.7	2.6
2008	2.9	3.7	4.2	4.6	3.8
2009	5.7	6.2	6.2	6.0	6.0
2010	6.0	5.9	6.1	5.8	6.0
2011 2/	5.7	5.8	6.1	5.9	5.9
2012 2/	5.9	5.7	5.2	4.7	5.4
2013 2/	4.5	4.4	4.4	4.4	4.4
2014 2/	4.2	4.2	4.1	3.8	4.1
2015 2/	3.7	3.6	3.3	3.0	3.4
2016 3/	3.0	3.2	3.1	Year-to-Date	3.1

1/ Data rounded to nearest 0.1.

2/ 2011-2015 benchmarked by DLIR in March 2016 and reflect revised population controls and model reestimation

3/ Q2 revised from previous QSER. 2016 data are preliminary.

Source: Hawaii Department of Labor & Industrial Relations monthly and annual data

<<https://www.hiwi.org/gsipub/index.asp?docid=417>>. Quarterly and Year-to-date averages computed by the Hawaii State Department of Business, Economic Development & Tourism.

**Table G-14. CIVILIAN UNEMPLOYMENT RATE - HAWAII**

<i>Year</i>	<i>First Quarter</i>	<i>Second Quarter</i>	<i>Third Quarter</i>	<i>Fourth Quarter</i>	<i>Annual Average</i>
Not Seasonally Adjusted Data. Percent 1/					
1990	4.1	4.8	3.7	2.8	3.9
1991	3.9	5.0	5.1	4.7	4.6
1992	6.4	8.6	8.9	6.7	7.7
1993	7.7	8.7	7.7	7.1	7.8
1994	8.7	10.0	11.0	10.0	9.9
1995	9.5	10.7	11.4	9.2	10.2
1996	9.5	10.4	10.4	8.9	9.8
1997	9.1	10.9	10.8	8.8	9.9
1998	8.9	10.3	10.0	8.4	9.4
1999	8.3	9.4	9.1	6.8	8.4
2000	5.1	5.3	5.2	4.4	5.0
2001	4.8	5.5	5.1	5.6	5.3
2002	5.1	5.3	4.8	4.1	4.8
2003	4.6	5.5	5.1	4.5	4.9
2004	4.3	4.4	4.1	3.6	4.1
2005	3.5	3.6	3.7	3.0	3.4
2006	3.1	3.6	3.2	2.6	3.1
2007	3.1	3.6	3.8	3.7	3.6
2008	4.2	5.4	6.6	7.8	6.0
2009	9.5	10.5	10.6	10.2	10.2
2010	9.7	10.0	10.1	9.6	9.9
2011 2/	9.7	10.3	9.9	9.4	9.8
2012 2/	9.2	8.8	8.1	7.1	8.3
2013 2/	6.9	7.0	6.6	6.2	6.7
2014 2/	5.9	6.0	5.4	4.9	5.5
2015 2/	4.9	4.7	4.4	3.9	4.5
2016 3/	3.8	4.4	4.1	Year-to-Date	4.1

1/ Data rounded to nearest 0.1.

2/ 2011-2015 benchmarked by DLIR in March 2016 and reflect revised population controls and model reestimation

3/ Q2 revised from previous QSER. 2016 data are preliminary.

Source: Hawaii Department of Labor & Industrial Relations monthly and annual data

<<https://www.hiwi.org/gsipub/index.asp?docid=417>>. Quarterly and Year-to-date averages computed by the Hawaii State Department of Business, Economic Development & Tourism.

**Table G-15. CIVILIAN UNEMPLOYMENT RATE - MAUI**

<i>Year</i>	<i>First Quarter</i>	<i>Second Quarter</i>	<i>Third Quarter</i>	<i>Fourth Quarter</i>	<i>Annual Average</i>
Not Seasonally Adjusted Data. Percent 1/					
1990	4.5	5.0	4.8	4.1	4.6
1991	4.6	5.4	6.0	6.0	5.6
1992	7.1	8.4	8.9	8.2	8.2
1993	6.2	5.4	5.2	5.1	5.5
1994	6.2	6.3	6.4	6.0	6.2
1995	6.8	7.6	7.7	7.2	7.3
1996	7.4	7.2	7.1	7.1	7.2
1997	7.3	7.8	7.2	6.7	7.3
1998	6.9	6.8	6.7	6.1	6.6
1999	6.1	5.7	5.4	4.8	5.5
2000	4.3	4.1	3.9	3.4	3.9
2001	3.7	4.0	3.9	5.5	4.3
2002	4.7	4.1	3.9	3.6	4.1
2003	3.6	4.0	4.3	3.9	4.0
2004	3.5	3.4	3.1	2.9	3.2
2005	2.7	2.7	2.8	2.6	2.7
2006	2.6	2.9	2.5	2.1	2.5
2007	2.3	2.5	3.4	3.6	2.9
2008	3.5	4.1	5.2	6.8	4.9
2009	8.5	9.3	9.4	9.3	9.1
2010	8.8	8.6	8.5	8.2	8.5
2011 2/	8.1	7.9	7.9	7.7	7.9
2012 2/	7.2	6.8	6.2	5.5	6.4
2013 2/	5.3	5.1	5.1	5.1	5.1
2014 2/	5.0	4.8	4.4	4.0	4.5
2015 2/	4.2	3.9	3.6	3.4	3.8
2016	3.4	3.4	3.4	Year-to-Date	3.4

1/ Data rounded to nearest 0.1.

2/ 2011-2015 benchmarked by DLIR in March 2016 and reflect revised population controls and model reestimation

Source: Hawaii Department of Labor & Industrial Relations monthly and annual data

<<https://www.hiwi.org/gsipub/index.asp?docid=417>>. Quarterly and Year-to-date averages computed by the Hawaii State Department of Business, Economic Development & Tourism.

**Table G-16. CIVILIAN UNEMPLOYMENT RATE - KAUAI**

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	Annual Average
Not Seasonally Adjusted Data. Percent 1/					
1990	4.4	4.5	3.9	2.9	3.9
1991	3.8	4.3	4.3	4.5	4.3
1992	6.1	7.4	6.7	19.1	9.9
1993	16.6	13.6	11.8	11.2	13.3
1994	14.1	13.7	12.8	11.8	13.1
1995	11.6	11.8	11.2	11.3	11.4
1996	12.5	12.3	11.3	12.0	12.0
1997	11.9	11.0	10.7	10.3	11.0
1998	10.3	9.9	9.5	8.9	9.7
1999	8.3	7.4	7.0	7.0	7.4
2000	5.2	4.7	4.9	4.6	4.8
2001	5.1	5.5	5.0	5.8	5.4
2002	5.4	4.8	4.2	3.9	4.6
2003	4.2	4.5	4.3	3.9	4.2
2004	3.8	3.5	3.4	3.4	3.5
2005	3.0	2.9	2.8	2.6	2.8
2006	2.7	2.8	2.7	2.0	2.6
2007	2.5	2.6	2.7	3.0	2.7
2008	3.3	4.0	4.8	7.4	4.8
2009	9.8	10.4	9.7	9.1	9.8
2010	8.8	8.8	8.7	8.6	8.8
2011 2/	8.6	8.9	8.7	8.5	8.7
2012 2/	8.2	7.9	7.0	6.2	7.3
2013 2/	5.9	5.7	5.4	5.5	5.6
2014 2/	5.3	5.0	4.7	4.3	4.8
2015 2/	4.4	4.2	4.0	3.8	4.1
2016 3/	3.6	3.7	3.4	Year-to-Date	3.6

1/ Data rounded to nearest 0.1.

2/ 2011-2015 benchmarked by DLIR in March 2016 and reflect revised population controls and model reestimation

3/ Q2 revised from previous QSER. 2016 data are preliminary.

Source: Hawaii Department of Labor & Industrial Relations monthly and annual data

<<https://www.hiwi.org/gsipub/index.asp?docid=417>>. Quarterly and Year-to-date averages computed by the Hawaii State Department of Business, Economic Development & Tourism.



**Table G-17. TOTAL VISITOR ARRIVALS - BY AIR - HONOLULU**

<i>Year</i>	<i>First Quarter</i>	<i>Second Quarter</i>	<i>Third Quarter</i>	<i>Fourth Quarter</i>	<i>Annual</i>
In Persons 1/					
1990	1,226,876	1,271,164	1,419,074	1,222,445	5,139,558
1991	1,066,026	1,201,355	1,385,132	1,178,514	4,831,027
1992	1,219,279	1,178,494	1,294,839	1,171,547	4,864,160
1993	1,112,987	1,075,498	1,197,344	1,086,406	4,472,235
1994	1,144,605	1,082,964	1,252,819	1,149,348	4,629,736
1995	1,146,651	1,134,936	1,337,862	1,198,103	4,817,552
1996	1,254,386	1,183,109	1,294,824	1,171,564	4,903,884
1997	1,216,121	1,168,177	1,311,920	1,179,393	4,875,612
1998	1,164,296	1,106,123	1,228,886	1,102,528	4,601,834
1999	1,124,163	1,079,928	1,247,136	1,108,914	4,560,142
2000	1,159,481	1,175,584	1,245,101	1,139,077	4,719,244
2001	1,164,637	1,130,135	1,127,257	835,507	4,257,536
2002	1,014,810	1,066,057	1,124,762	1,070,448	4,276,077
2003	1,007,335	922,689	1,104,740	1,055,719	4,090,483
2004	1,042,404	1,091,502	1,209,260	1,121,386	4,464,551
2005	1,146,033	1,134,157	1,293,252	1,158,400	4,731,843
2006	1,134,879	1,137,474	1,249,862	1,165,901	4,688,117
2007	1,122,303	1,156,616	1,277,903	1,137,928	4,694,750
2008	1,121,255	1,041,102	1,064,860	966,468	4,193,685
2009	958,708	985,239	1,101,897	979,044	4,024,888
2010	987,992	1,044,298	1,173,949	1,067,419	4,273,658
2011	1,063,304	1,045,709	1,176,989	1,115,622	4,401,624
2012	1,161,943	1,195,561	1,313,560	1,232,981	4,904,045
2013	1,216,477	1,246,384	1,359,753	1,221,662	5,044,276
2014	1,247,343	1,273,082	1,391,467	1,280,728	5,192,621
2015	1,265,062	1,333,464	1,416,826	1,324,561	5,339,912
2016 2/	1,299,483	1,355,549	1,446,086	Year-to-date	4,101,118
Percentage Change from the Same Period in Previous Year					
1991	-13.1	-5.5	-2.4	-3.6	-6.0
1992	14.4	-1.9	-6.5	-0.6	0.7
1993	-8.7	-8.7	-7.5	-7.3	-8.1
1994	2.8	0.7	4.6	5.8	3.5
1995	0.2	4.8	6.8	4.2	4.1
1996	9.4	4.2	-3.2	-2.2	1.8
1997	-3.1	-1.3	1.3	0.7	-0.6
1998	-4.3	-5.3	-6.3	-6.5	-5.6
1999	-3.4	-2.4	1.5	0.6	-0.9
2000	3.1	8.9	-0.2	2.7	3.5
2001	0.4	-3.9	-9.5	-26.7	-9.8
2002	-12.9	-5.7	-0.2	28.1	0.4
2003	-0.7	-13.4	-1.8	-1.4	-4.3
2004	3.5	18.3	9.5	6.2	9.1
2005	9.9	3.9	6.9	3.3	6.0
2006	-1.0	0.3	-3.4	0.6	-0.9
2007	-1.1	1.7	2.2	-2.4	0.1
2008	-0.1	-10.0	-16.7	-15.1	-10.7
2009	-14.5	-5.4	3.5	1.3	-4.0
2010	3.1	6.0	6.5	9.0	6.2
2011	7.6	0.1	0.3	4.5	3.0
2012	9.3	14.3	11.6	10.5	11.4
2013	4.7	4.3	3.5	-0.9	2.9
2014	2.5	2.1	2.3	4.8	2.9
2015	1.4	4.7	1.8	3.4	2.8
2016 2/	2.7	1.7	2.1	Year-to-date	2.1

1/ Staying overnight or longer.

2/ 2016 data are preliminary.

Source: Hawaii State Department of Business, Economic Development & Tourism and  
<http://www.hawaii.gov/dbedt/info/visitor-stats/> and Hawaii Tourism Authority, Tourism Research.

**Table G-18. TOTAL VISITOR ARRIVALS - BY AIR - HAWAII**

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	Annual
In Persons 1/					
1990	293,335	276,140	283,323	274,576	1,127,373
1991	276,910	280,613	289,710	263,802	1,111,035
1992	263,254	273,421	274,340	328,963	1,139,978
1993	309,166	267,232	279,656	261,602	1,117,656
1994	291,324	265,379	254,870	267,963	1,079,535
1995	283,288	258,093	274,343	265,323	1,081,047
1996	271,344	284,351	310,013	297,991	1,163,700
1997	328,563	278,618	305,672	292,228	1,205,081
1998	356,689	318,447	337,189	328,443	1,340,767
1999	337,770	312,012	328,358	329,580	1,307,720
2000	322,308	322,255	326,054	297,347	1,267,965
2001	320,964	304,421	305,462	250,703	1,181,551
2002	311,883	295,320	318,204	317,906	1,243,313
2003	312,964	284,664	315,793	293,743	1,207,164
2004	308,940	305,890	335,106	331,222	1,281,156
2005	379,738	350,378	402,813	388,608	1,521,537
2006	398,089	375,082	436,028	405,209	1,614,408
2007	419,729	396,598	424,572	381,460	1,622,359
2008	395,220	316,926	312,509	296,623	1,321,276
2009	310,977	304,490	311,374	288,416	1,215,256
2010	314,828	312,071	336,566	317,766	1,281,232
2011	350,531	310,968	337,200	319,611	1,318,310
2012	376,900	335,441	358,983	361,958	1,433,282
2013	391,989	347,536	365,077	330,642	1,435,245
2014	380,554	342,114	368,636	363,381	1,454,684
2015	393,789	372,757	380,349	368,078	1,514,973
2016 2/	394,971	372,451	394,483	Year-to-date	1,161,905
Percentage Change from the Same Period in Previous Year					
1991	-5.6	1.6	2.3	-3.9	-1.4
1992	-4.9	-2.6	-5.3	24.7	2.6
1993	17.4	-2.3	1.9	-20.5	-2.0
1994	-5.8	-0.7	-8.9	2.4	-3.4
1995	-2.8	-2.7	7.6	-1.0	0.1
1996	-4.2	10.2	13.0	12.3	7.6
1997	21.1	-2.0	-1.4	-1.9	3.6
1998	8.6	14.3	10.3	12.4	11.3
1999	-5.3	-2.0	-2.6	0.3	-2.5
2000	-4.6	3.3	-0.7	-9.8	-3.0
2001	-0.4	-5.5	-6.3	-15.7	-6.8
2002	-2.8	-3.0	4.2	26.8	5.2
2003	0.3	-3.6	-0.8	-7.6	-2.9
2004	-1.3	7.5	6.1	12.8	6.1
2005	22.9	14.5	20.2	17.3	18.8
2006	4.8	7.1	8.2	4.3	6.1
2007	5.4	5.7	-2.6	-5.9	0.5
2008	-5.8	-20.1	-26.4	-22.2	-18.6
2009	-21.3	-3.9	-0.4	-2.8	-8.0
2010	1.2	2.5	8.1	10.2	5.4
2011	11.3	-0.4	0.2	0.6	2.9
2012	7.5	7.9	6.5	13.2	8.7
2013	4.0	3.6	1.7	-8.7	0.1
2014	-2.9	-1.6	1.0	9.9	1.4
2015	3.5	9.0	3.2	1.3	4.1
2016 2/	0.3	-0.1	3.7	Year-to-date	1.3

1/ Staying overnight or longer.

2/ 2016 data are preliminary.

Source: Hawaii State Department of Business, Economic Development & Tourism and  
<http://www.hawaii.gov/dbedt/info/visitor-stats/> and Hawaii Tourism Authority, Tourism Research.

**Table G-19. TOTAL VISITOR ARRIVALS - BY AIR - MAUI**

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	Annual
In Persons 1/					
1990	568,423	576,996	603,080	536,363	2,284,862
1991	502,508	556,660	581,565	534,873	2,175,606
1992	551,575	566,363	583,953	621,720	2,323,612
1993	602,334	556,180	565,066	539,534	2,263,114
1994	603,003	572,927	595,842	568,744	2,340,516
1995	570,261	553,278	640,738	562,520	2,326,797
1996	603,887	558,629	623,412	532,682	2,318,610
1997	596,609	569,491	605,372	558,913	2,330,384
1998	589,397	584,236	578,994	551,487	2,304,115
1999	607,695	578,604	609,803	550,899	2,347,002
2000	573,560	592,301	596,346	542,458	2,304,665
2001	573,528	567,142	538,726	425,081	2,104,478
2002	518,092	523,401	584,187	513,747	2,139,427
2003	548,539	557,153	579,990	510,766	2,196,447
2004	539,699	549,131	597,130	521,866	2,207,826
2005	579,713	561,084	633,840	571,843	2,346,480
2006	606,120	625,043	659,684	607,386	2,498,234
2007	619,197	642,136	670,760	589,949	2,522,043
2008	606,443	534,940	515,505	472,155	2,129,043
2009	477,094	487,619	510,925	456,719	1,932,357
2010	513,923	517,213	561,336	530,162	2,122,634
2011	568,280	540,502	561,633	540,997	2,211,413
2012	602,553	576,361	592,077	582,338	2,353,329
2013	619,221	593,773	609,477	579,261	2,401,733
2014	619,109	608,013	612,492	617,320	2,456,935
2015	654,268	652,646	645,475	626,922	2,579,311
2016 2/	663,871	673,945	688,201	Year-to-date	2,026,017
Percentage Change from the Same Period in Previous Year					
1991	-11.6	-3.5	-3.6	-0.3	-4.8
1992	9.8	1.7	0.4	16.2	6.8
1993	9.2	-1.8	-3.2	-13.2	-2.6
1994	0.1	3.0	5.4	5.4	3.4
1995	-5.4	-3.4	7.5	-1.1	-0.6
1996	5.9	1.0	-2.7	-5.3	-0.4
1997	-1.2	1.9	-2.9	4.9	0.5
1998	-1.2	2.6	-4.4	-1.3	-1.1
1999	3.1	-1.0	5.3	-0.1	1.9
2000	-5.6	2.4	-2.2	-1.5	-1.8
2001	0.0	-4.2	-9.7	-21.6	-8.7
2002	-9.7	-7.7	8.4	20.9	1.7
2003	5.9	6.4	-0.7	-0.6	2.7
2004	-1.6	-1.4	3.0	2.2	0.5
2005	7.4	2.2	6.1	9.6	6.3
2006	4.6	11.4	4.1	6.2	6.5
2007	2.2	2.7	1.7	-2.9	1.0
2008	-2.1	-16.7	-23.1	-20.0	-15.6
2009	-21.3	-8.8	-0.9	-3.3	-9.2
2010	7.7	6.1	9.9	16.1	9.8
2011	10.6	4.5	0.1	2.0	4.2
2012	6.0	6.6	5.4	7.6	6.4
2013	2.8	3.0	2.9	-0.5	2.1
2014	0.0	2.4	0.5	6.6	2.3
2015	5.7	7.3	5.4	1.6	5.0
2016 2/	1.5	3.3	6.6	Year-to-date	3.8

1/ Staying overnight or longer.

2/ 2016 data are preliminary.

Source: Hawaii State Department of Business, Economic Development & Tourism and <<http://www.hawaii.gov/dbedt/info/visitor-stats/>> and Hawaii Tourism Authority, Tourism Research.

**Table G-20. TOTAL VISITOR ARRIVALS - BY AIR - KAUAI**

<i>Year</i>	<i>First Quarter</i>	<i>Second Quarter</i>	<i>Third Quarter</i>	<i>Fourth Quarter</i>	<i>Annual</i>
In Persons 1/					
1990	296,484	320,922	326,416	285,028	1,228,850
1991	263,690	315,757	318,182	284,697	1,182,326
1992	256,311	294,152	268,810	62,457	881,730
1993	106,966	135,161	161,107	173,132	576,366
1994	212,202	214,238	218,686	215,593	860,719
1995	214,676	216,669	252,109	245,696	929,150
1996	228,376	245,460	252,994	248,606	975,436
1997	234,283	266,400	255,856	240,548	997,087
1998	249,319	279,908	283,817	265,355	1,078,400
1999	260,332	267,677	290,773	270,507	1,089,289
2000	254,056	280,255	288,750	251,761	1,074,821
2001	253,479	270,327	270,719	214,173	1,008,698
2002	234,080	253,550	270,899	247,370	1,005,899
2003	231,737	247,191	265,723	231,216	975,867
2004	242,298	255,111	280,932	242,580	1,020,921
2005	252,787	263,604	302,257	271,500	1,090,147
2006	277,245	287,928	331,425	307,534	1,204,132
2007	304,165	334,474	352,287	308,119	1,299,045
2008	283,579	266,828	261,900	218,340	1,030,647
2009	215,403	245,621	253,240	213,848	928,112
2010	220,688	244,009	260,946	229,469	955,112
2011	234,662	258,347	273,058	245,432	1,011,500
2012	258,448	274,044	287,690	264,499	1,084,681
2013	275,353	283,571	294,929	260,501	1,114,354
2014	268,465	286,355	295,680	269,473	1,119,973
2015	287,422	302,230	305,629	278,471	1,173,752
2016 2/	280,381	302,531	314,175	Year-to-date	897,087
Percentage Change from the Same Period in Previous Year					
1991	-11.1	-1.6	-2.5	-0.1	-3.8
1992	-2.8	-6.8	-15.5	-78.1	-25.4
1993	-58.3	-54.1	-40.1	177.2	-34.6
1994	98.4	58.5	35.7	24.5	49.3
1995	1.2	1.1	15.3	14.0	8.0
1996	6.4	13.3	0.4	1.2	5.0
1997	2.6	8.5	1.1	-3.2	2.2
1998	6.4	5.1	10.9	10.3	8.2
1999	4.4	-4.4	2.5	1.9	1.0
2000	-2.4	4.7	-0.7	-6.9	-1.3
2001	-0.2	-3.5	-6.2	-14.9	-6.2
2002	-7.7	-6.2	0.1	15.5	-0.3
2003	-1.0	-2.5	-1.9	-6.5	-3.0
2004	4.6	3.2	5.7	4.9	4.6
2005	4.3	3.3	7.6	11.9	6.8
2006	9.7	9.2	9.7	13.3	10.5
2007	9.7	16.2	6.3	0.2	7.9
2008	-6.8	-20.2	-25.7	-29.1	-20.7
2009	-24.0	-7.9	-3.3	-2.1	-9.9
2010	2.5	-0.7	3.0	7.3	2.9
2011	6.3	5.9	4.6	7.0	5.9
2012	10.1	6.1	5.4	7.8	7.2
2013	6.5	3.5	2.5	-1.5	2.7
2014	-2.5	1.0	0.3	3.4	0.5
2015	7.1	5.5	3.4	3.3	4.8
2016 2/	-2.4	0.1	2.8	Year-to-date	0.2

1/ Staying overnight or longer.

2/ 2016 data are preliminary.

Source: Hawaii State Department of Business, Economic Development & Tourism and <http://www.hawaii.gov/dbedt/info/visitor-stats/> and Hawaii Tourism Authority, Tourism Research.

**Table G-21. HOTEL OCCUPANCY RATE - HONOLULU**

<i>Year</i>	<i>First Quarter</i>	<i>Second Quarter</i>	<i>Third Quarter</i>	<i>Fourth Quarter</i>	<i>Annual Average</i>
In Percent					
1989	93.0	80.7	89.4	82.7	86.5
1990	91.1	82.8	88.8	81.7	86.1
1991	75.1	76.2	87.6	81.5	80.1
1992	83.9	75.3	82.6	78.3	80.0
1993	78.8	72.2	79.3	76.8	76.8
1994	85.4	75.9	83.0	79.3	80.9
1995	84.0	73.8	84.5	79.6	80.5
1996	86.8	77.3	83.7	75.5	80.8
1997	83.0	73.8	78.7	74.0	77.4
1998	78.3	68.5	74.1	68.6	72.4
1999	75.9	66.8	74.4	70.0	71.8
2000	78.0	73.9	78.2	74.6	76.2
2001	80.9	69.2	69.5	55.5	68.8
2002	71.7	67.9	72.0	70.4	70.5
2003	75.3	64.5	77.9	75.1	73.2
2004	81.4	75.8	84.4	77.6	79.8
2005	86.3	81.0	90.6	83.3	85.3
2006	86.4	80.6	86.3	78.1	82.5
2007	78.2	74.1	81.2	74.0	76.8
2008	79.5	73.0	77.2	70.0	75.0
2009	71.5	68.7	76.3	72.9	72.3
2010	76.0	74.0	84.9	77.7	78.2
2011	82.0	76.1	84.7	80.1	80.7
2012	86.1	81.7	88.7	82.0	84.7
2013	86.3	82.0	87.0	79.7	83.8
2014	85.6	81.6	88.3	81.8	84.4
2015 1/	83.5	84.3	87.6	86.0	85.3
2016 1/	84.2	83.4	(NA)	Year-to-Date	83.8

NA Not available.

The 2nd, 3rd and 4th Quarter, averages are computed by Hawaii State Department of Business, Economic Development & Tourism from PKF-Hawaii monthly averages through January 1995 and Hospitality Advisors LLC monthly averages from February 1995. The 1st quarter and Annual are as released.

1/ Source revises each month of previous year when current year is released.

Source: Hawaii State Department of Business, Economic Development & Tourism, PKF-Hawaii and Hospitality Advisors LLC.

**Table G-22. HOTEL OCCUPANCY RATE - HAWAII**

<i>Year</i>	<i>First Quarter</i>	<i>Second Quarter</i>	<i>Third Quarter</i>	<i>Fourth Quarter</i>	<i>Annual Average</i>
In Percent					
1989	65.8	57.4	60.8	59.4	60.9
1990	72.3	56.5	58.0	58.8	61.4
1991	57.8	57.5	62.1	52.0	57.4
1992	58.0	51.3	57.2	68.9	58.8
1993	63.0	51.8	60.0	58.7	58.4
1994	66.1	59.5	65.9	62.5	63.5
1995	69.6	55.0	59.9	64.2	62.2
1996	73.9	62.6	65.8	64.7	66.7
1997	77.2	65.2	67.7	64.1	68.6
1998	80.1	65.8	70.7	63.6	70.1
1999	74.4	58.7	69.0	61.0	65.8
2000	76.5	67.9	72.8	67.2	71.1
2001	78.8	60.5	63.9	51.6	63.7
2002	69.4	59.7	67.0	62.2	64.6
2003	69.4	59.8	69.5	61.4	65.1
2004	75.1	67.6	73.8	63.2	69.9
2005	78.7	67.8	74.0	68.3	72.2
2006	79.0	68.7	72.9	64.0	71.0
2007	74.5	63.9	69.1	62.7	67.5
2008	73.4	58.0	57.3	51.0	59.8
2009	58.1	51.4	54.1	50.4	53.5
2010	57.4	53.2	58.2	55.9	56.2
2011	64.0	52.2	59.2	57.4	58.2
2012	67.1	58.2	61.3	61.3	62.0
2013	73.1	55.3	58.6	57.1	61.0
2014	70.7	56.0	59.5	58.8	60.3
2015 1/	71.0	63.7	65.4	63.0	65.6
2016 1/	74.1	64.4	(NA)	Year-to-Date	69.3

NA Not available.

The 2nd, 3rd and 4th Quarter, averages are computed by Hawaii State Department of Business, Economic Development & Tourism from PKF-Hawaii monthly averages through January 1995 and Hospitality Advisors LLC monthly averages from February 1995. The 1st quarter and Annual are as released.

1/ Source revises each month of previous year when current year is released.

Source: Hawaii State Department of Business, Economic Development & Tourism, PKF-Hawaii and Hospitality Advisors LLC.

**Table G-23. HOTEL OCCUPANCY RATE - MAUI**

<i>Year</i>	<i>First Quarter</i>	<i>Second Quarter</i>	<i>Third Quarter</i>	<i>Fourth Quarter</i>	<i>Annual Average</i>
In Percent					
1989	77.0	72.6	73.3	69.2	73.0
1990	77.9	65.5	68.1	65.7	69.3
1991	75.7	67.7	71.7	64.7	70.0
1992	59.3	66.3	70.7	58.5	63.7
1993	60.8	60.3	66.0	68.9	64.0
1994	72.0	65.4	67.4	65.9	67.7
1995	77.3	71.2	77.3	71.2	74.3
1996	80.2	68.1	72.0	65.9	71.6
1997	79.1	68.5	74.3	67.6	72.4
1998	78.7	73.5	72.5	70.5	73.8
1999	84.3	74.1	78.9	71.7	77.3
2000	84.2	80.3	81.9	75.0	80.3
2001	83.6	75.4	73.0	61.3	73.3
2002	74.3	71.0	74.0	64.0	70.8
2003	76.9	73.7	78.4	69.5	74.6
2004	81.3	78.9	79.6	71.7	77.9
2005	83.6	79.9	80.8	73.6	79.5
2006	83.6	80.7	81.8	73.7	79.9
2007	79.2	72.2	77.6	73.1	75.5
2008	80.9	66.5	64.5	60.0	67.9
2009	64.0	56.3	59.4	55.8	58.9
2010	72.1	64.3	70.1	65.9	68.1
2011	78.1	65.8	69.8	67.3	70.2
2012	80.1	68.0	71.4	70.4	72.4
2013	80.0	70.0	70.1	66.9	71.7
2014	78.0	68.9	71.1	71.3	72.5
2015 1/	78.6	73.8	72.7	72.2	74.5
2016 1/	79.3	75.3	(NA)	Year-to-Date	76.5

NA Not available.

The 2nd, 3rd and 4th Quarter, averages are computed by Hawaii State Department of Business, Economic Development & Tourism from PKF-Hawaii monthly averages through January 1995 and Hospitality Advisors LLC monthly averages from February 1995. The 1st quarter and Annual are as released.

1/ Source revises each month of previous year when current year is released.

Source: Hawaii State Department of Business, Economic Development & Tourism, PKF-Hawaii and Hospitality Advisors LLC.

**Table G-24. HOTEL OCCUPANCY RATE - KAUAI**

<i>Year</i>	<i>First Quarter</i>	<i>Second Quarter</i>	<i>Third Quarter</i>	<i>Fourth Quarter</i>	<i>Annual Average</i>
In Percent					
1989	75.2	67.3	74.3	67.5	71.1
1990	68.5	64.9	72.8	62.9	67.3
1991	53.0	60.4	65.1	67.9	61.6
1992	54.9	65.0	64.7	93.8	69.6
1993	80.5	73.2	70.9	65.7	72.6
1994	76.9	77.2	80.8	69.1	76.0
1995	62.9	63.2	68.2	62.4	64.2
1996	67.3	67.5	69.5	57.1	65.3
1997	64.3	68.6	73.2	61.8	67.0
1998	64.6	65.7	70.0	63.0	65.8
1999	69.9	69.3	76.4	65.9	70.4
2000	75.0	76.8	78.1	68.7	74.6
2001	73.3	69.9	75.9	63.4	70.6
2002	67.6	70.8	79.4	65.1	70.6
2003	70.0	73.8	83.6	71.3	75.1
2004	78.8	78.6	83.6	71.5	78.3
2005	78.5	76.6	81.1	68.7	76.1
2006	75.5	74.3	79.7	69.6	75.2
2007	73.3	73.8	82.8	73.4	75.8
2008	77.1	70.3	72.2	61.0	70.3
2009	61.6	59.1	59.7	51.7	57.0
2010	58.0	61.8	62.9	54.3	59.3
2011	62.1	60.3	71.3	61.8	63.9
2012	68.8	70.2	72.5	63.6	68.8
2013	73.8	66.8	71.8	64.3	68.9
2014	74.4	69.2	70.2	65.9	70.1
2015 1/	76.4	70.0	71.0	68.3	71.1
2016 1/	77.0	68.9	(NA)	Year-to-Date	73.3

NA Not available.

The 2nd, 3rd and 4th Quarter, averages are computed by Hawaii State Department of Business, Economic Development & Tourism from PKF-Hawaii monthly averages through January 1995 and Hospitality Advisors LLC monthly averages from February 1995. The 1st quarter and Annual are as released.

1/ Source revises each month of previous year when current year is released.

Source: Hawaii State Department of Business, Economic Development & Tourism, PKF-Hawaii and Hospitality Advisors LLC.



**Table G-25. PRIVATE RESIDENTIAL BUILDING PERMITS -  
NUMBER OF UNITS AUTHORIZED: HONOLULU**

<i>Year</i>	<i>First Quarter</i>	<i>Second Quarter</i>	<i>Third Quarter</i>	<i>Fourth Quarter</i>	<i>Annual</i>
<b>Number of Units 1/</b>					
1993	554	992	1,545	908	3,999
1994	613	1,385	1,261	1,380	4,639
1995	1,581	923	1,580	482	4,566
1996	532	260	885	347	2,024
1997	195	980	532	337	2,044
1998	423	334	497	361	1,615
1999	468	479	334	415	1,696
2000	352	469	382	527	1,730
2001	466	595	497	353	1,911
2002	296	553	807	867	2,523
2003	682	785	576	630	2,673
2004	1,509	940	620	742	3,811
2005	520	954	965	1,382	3,821
2006	453	473	440	569	1,935
2007	556	1,260	586	317	2,719
2008	194	1,087	366	296	1,943
2009	176	257	282	316	1,031
2010	644	537	397	248	1,826
2011	263	310	737	421	1,731
2012	432	593	243	711	1,979
2013	772	363	982	357	2,474
2014	141	372	275	786	1,574
2015	918	736	860	1,178	3,692
2016	286	704	475	Year-to-Date	1,465
<b>Percentage Change from the Same Period in Previous Year 1/</b>					
1994	10.6	39.6	-18.4	52.0	16.0
1995	157.9	-33.4	25.3	-65.1	-1.6
1996	-66.4	-71.8	-44.0	-28.0	-55.7
1997	-63.3	276.9	-39.9	-2.9	1.0
1998	116.9	-65.9	-6.6	7.1	-21.0
1999	10.6	43.4	-32.8	15.0	5.0
2000	-24.8	-2.1	14.4	27.0	2.0
2001	32.4	26.9	30.1	-33.0	10.5
2002	-36.5	-7.1	62.4	145.6	32.0
2003	130.4	42.0	-28.6	-27.3	5.9
2004	121.3	19.7	7.6	17.8	42.6
2005	-65.5	1.5	55.6	86.3	0.3
2006	-12.9	-50.4	-54.4	-58.8	-49.4
2007	22.7	166.4	33.2	-44.3	40.5
2008	-65.1	-13.7	-37.5	-6.6	-28.5
2009	-9.3	-76.4	-23.0	6.8	-46.9
2010	265.9	108.9	40.8	-21.5	77.1
2011	-59.2	-42.3	85.6	69.8	-5.2
2012	64.3	91.3	-67.0	68.9	14.3
2013	78.7	-38.8	304.1	-49.8	25.0
2014	-81.7	2.5	-72.0	120.2	-36.4
2015	551.1	97.8	212.7	49.9	134.6
2016	-68.8	-4.3	-44.8	Year-to-Date	-41.7

1/ Includes authorizations for single family, multi-family and other small categories not included elsewhere.  
Source: City & County of Honolulu Building Department.

**Table G-26. PRIVATE RESIDENTIAL BUILDING PERMITS -  
NUMBER OF UNITS AUTHORIZED: HAWAII**

<i>Year</i>	<i>First Quarter</i>	<i>Second Quarter</i>	<i>Third Quarter</i>	<i>Fourth Quarter</i>	<i>Annual</i>
<b>Number of Units 1/</b>					
1993	452	350	370	543	1,715
1994	198	227	283	242	950
1995	280	266	218	235	999
1996	168	202	172	227	769
1997	216	192	152	158	718
1998	217	222	185	222	846
1999	211	258	236	524	1,229
2000	459	366	365	417	1,607
2001	304	308	497	279	1,388
2002	282	444	455	352	1,533
2003	604	713	507	549	2,373
2004	774	588	482	884	2,728
2005	583	771	1156	959	3,469
2006	880	671	674	529	2,754
2007	520	775	395	477	2,167
2008	312	381	420	438	1,551
2009	242	173	188	181	784
2010	603	170	174	155	1,102
2011	143	187	217	142	689
2012	110	162	177	86	535
2013	82	133	177	182	574
2014	145	231	193	146	715
2015	183	247	201	217	848
2016	149	293	175	Year-to-Date	617
<b>Percentage Change from the Same Period in Previous Year 1/</b>					
1994	-56.2	-35.1	-23.5	-55.4	-44.6
1995	41.4	17.2	-23.0	-2.9	5.2
1996	-40.0	-24.1	-21.1	-3.4	-23.0
1997	28.6	-5.0	-11.6	-30.4	-6.6
1998	0.5	15.6	21.7	40.5	17.8
1999	-2.8	16.2	27.6	136.0	45.3
2000	117.5	41.9	54.7	-20.4	30.8
2001	-33.8	-15.8	36.2	-33.1	-13.6
2002	-7.2	44.2	-8.5	26.2	10.4
2003	114.2	60.6	11.4	56.0	54.8
2004	28.1	-17.5	-4.9	61.0	15.0
2005	-24.7	31.1	139.8	8.5	27.2
2006	50.9	-13.0	-41.7	-44.8	-20.6
2007	-40.9	15.5	-41.4	-9.8	-21.3
2008	-40.0	-50.8	6.3	-8.2	-28.4
2009	-22.4	-54.6	-55.2	-58.7	-49.5
2010	149.2	-1.7	-7.4	-14.4	40.6
2011	-76.3	10.0	24.7	-8.4	-37.5
2012	-23.1	-13.4	-18.4	-39.4	-22.4
2013	-25.5	-17.9	0.0	111.6	7.3
2014	76.8	73.7	9.0	-19.8	24.6
2015	26.2	6.9	4.1	48.6	18.6
2016	-18.6	18.6	-12.9	Year-to-Date	-2.2

1/ Includes authorizations for single family, multi-family and other small categories not included elsewhere.  
Source: County of Hawaii Building Department.

**Table G-27. PRIVATE RESIDENTIAL BUILDING PERMITS -  
NUMBER OF UNITS AUTHORIZED: MAUI**

<i>Year</i>	<i>First Quarter</i>	<i>Second Quarter</i>	<i>Third Quarter</i>	<i>Fourth Quarter</i>	<i>Annual</i>
<b>Number of Units 1/</b>					
1993	144	404	173	151	872
1994	319	246	411	145	1,121
1995	134	161	182	110	587
1996	192	163	189	209	753
1997	152	161	204	206	723
1998	121	152	160	208	641
1999	156	225	356	170	907
2000	219	254	421	217	1,111
2001	210	292	288	265	1,055
2002	170	454	304	258	1,186
2003	324	341	245	192	1,102
2004	272	442	450	390	1,554
2005	327	192	411	574	1,504
2006	524	342	258	307	1,431
2007	360	483	232	239	1,314
2008	253	359	103	61	776
2009	160	61	79	95	395
2010	64	69	94	53	280
2011	46	65	50	57	218
2012	64	217	111	114	506
2013	63	91	77	124	355
2014	83	99	73	88	343
2015	276	85	83	65	509
2016	150	127	(NA)	Year-to-Date	277
<b>Percentage Change from the Same Period in Previous Year 1/</b>					
1994	121.5	-39.1	137.6	-4.0	28.6
1995	-58.0	-34.6	-55.7	-24.1	-47.6
1996	43.3	1.2	3.8	90.0	28.3
1997	-20.8	-1.2	7.9	-1.4	-4.0
1998	-20.4	-5.6	-21.6	1.0	-11.3
1999	28.9	48.0	122.5	-18.3	41.5
2000	40.4	12.9	18.3	27.6	22.5
2001	-4.1	15.0	-31.6	22.1	-5.0
2002	-19.0	55.5	5.6	-2.6	12.4
2003	90.6	-24.9	-19.4	-25.6	-7.1
2004	-16.0	29.6	83.7	103.1	41.0
2005	20.2	-56.6	-8.7	47.2	-3.2
2006	60.2	78.1	-37.2	-46.5	-4.9
2007	-31.3	41.2	-10.1	-22.1	-8.2
2008	-29.7	-25.7	-55.6	-74.5	-40.9
2009	-36.8	-83.0	-23.3	55.7	-49.1
2010	-60.0	13.1	19.0	-44.2	-29.1
2011	-28.1	-5.8	-46.8	7.5	-22.1
2012	39.1	233.8	122.0	100.0	132.1
2013	-1.6	-58.1	-30.6	8.8	-29.8
2014	31.7	8.8	-5.2	-29.0	-3.4
2015	232.5	-14.1	13.7	-26.1	48.4
2016	-45.7	49.4	(NA)	Year-to-Date	-23.3

NA Not available.

1/ Includes authorizations for single family, multi-family and other small categories not included elsewhere.

Source: County of Maui Building Department.

**Table G-28. PRIVATE RESIDENTIAL BUILDING PERMITS -  
NUMBER OF UNITS AUTHORIZED: KAUAI**

<i>Year</i>	<i>First Quarter</i>	<i>Second Quarter</i>	<i>Third Quarter</i>	<i>Fourth Quarter</i>	<i>Annual</i>
Number of Units 1/					
1993	269	119	96	102	586
1994	258	79	101	233	671
1995	91	78	74	143	386
1996	84	113	77	69	343
1997	67	79	48	131	325
1998	47	80	61	66	254
1999	67	69	110	45	291
2000	78	58	97	72	305
2001	101	79	92	193	465
2002	129	167	113	195	604
2003	116	153	136	154	559
2004	132	118	115	113	478
2005	415	256	146	95	912
2006	84	213	392	174	863
2007	186	122	198	162	668
2008	160	190	112	36	498
2009	304	65	101	42	512
2010	43	37	49	43	172
2011	33	38	32	29	132
2012	30	36	133	36	235
2013	32	44	46	36	158
2014	31	51	49	56	187
2015	33	63	61	42	199
2016	42	68	64	Year-to-Date	174
Percentage Change from the Same Period in Previous Year 1/					
1994	-4.1	-33.6	5.2	128.4	14.5
1995	-64.7	-1.3	-26.7	-38.6	-42.5
1996	-7.7	44.9	4.1	-51.7	-11.1
1997	-20.2	-30.1	-37.7	89.9	-5.2
1998	-29.9	1.3	27.1	-49.6	-21.8
1999	42.6	-13.8	80.3	-31.8	14.6
2000	16.4	-15.9	-11.8	60.0	4.8
2001	29.5	36.2	-5.2	168.1	52.5
2002	27.7	111.4	22.8	1.0	29.9
2003	-10.1	-8.4	20.4	-21.0	-7.5
2004	13.8	-22.9	-15.4	-26.6	-14.5
2005	214.4	116.9	27.0	-15.9	90.8
2006	-79.8	-16.8	168.5	83.2	-5.4
2007	121.4	-42.7	-49.5	-6.9	-22.6
2008	-14.0	55.7	-43.4	-77.8	-25.4
2009	90.0	-65.8	-9.8	16.7	2.8
2010	-85.9	-43.1	-51.5	2.4	-66.4
2011	-23.3	2.7	-34.7	-32.6	-23.3
2012	-9.1	-5.3	315.6	24.1	78.0
2013	6.7	22.2	-65.4	0.0	-32.8
2014	-3.1	15.9	6.5	55.6	18.4
2015	6.5	23.5	24.5	-25.0	6.4
2016	27.3	7.9	4.9	Year-to-Date	10.8

1/ Includes authorizations for single family, multi-family and other small categories not included elsewhere.  
Source: County of Kauai Building Department and U.S. Census Bureau.

**Table G-29. HOME SALES BY ORIGIN OF BUYER - HONOLULU**

Year	Number of homes purchased by			Average price of homes purchased by (in dollars)		
	Local buyers	Main-landers	Foreign buyers	Local buyers	Main-landers	Foreign buyers
2008	9,599	1,637	466	490,875	632,444	500,617
2009	7,848	1,195	354	464,167	520,584	967,636
2010	9,126	1,797	352	516,594	561,082	1,018,012
2011	8,532	1,357	455	483,395	469,342	864,487
2012	8,600	887	396	510,258	617,667	721,638
2013	9,948	1,070	355	531,597	634,653	756,068
2014	10,079	1,098	391	572,991	702,865	1,020,946
2015	11,470	1,299	445	572,646	645,150	703,436
2008 1 Qtr.	2,452	406	121	492,895	611,263	444,479
2 Qtr.	2,957	609	183	473,770	582,280	447,487
3 Qtr.	2,412	385	123	500,283	793,850	592,681
4 Qtr.	1,778	237	39	503,775	535,435	633,735
2009 1 Qtr.	1,535	262	47	425,178	556,920	443,335
2 Qtr.	1,812	261	43	453,620	550,912	390,705
3 Qtr.	2,084	356	60	477,087	464,821	767,450
4 Qtr.	2,417	316	204	485,697	528,230	1,268,917
2010 1 Qtr.	1,864	304	64	485,642	516,785	538,440
2 Qtr.	2,715	443	106	506,656	569,915	1,068,345
3 Qtr.	2,233	523	90	551,983	545,770	1,184,841
4 Qtr.	2,314	527	92	519,035	594,405	1,130,433
2011 1 Qtr.	1,845	336	129	472,532	520,582	1,067,945
2 Qtr.	2,119	413	109	482,874	487,602	772,007
3 Qtr.	2,153	357	100	476,928	443,419	798,672
4 Qtr.	2,415	251	117	497,917	407,574	782,569
2012 1 Qtr.	1,668	202	74	487,191	590,131	726,476
2 Qtr.	2,034	210	107	494,213	570,119	618,212
3 Qtr.	2,273	203	96	511,384	576,956	686,970
4 Qtr.	2,625	272	119	536,372	705,209	839,593
2013 1 Qtr.	2,133	232	94	501,370	603,374	766,917
2 Qtr.	2,612	280	103	528,008	572,217	673,940
3 Qtr.	2,747	342	78	538,919	657,754	899,219
4 Qtr.	2,456	216	80	553,478	712,609	709,491
2014 1 Qtr.	2,060	253	87	568,111	638,069	916,583
2 Qtr.	2,511	312	78	550,049	799,497	787,044
3 Qtr.	2,639	264	75	554,235	595,349	875,580
4 Qtr.	2,869	269	151	613,827	757,244	1,274,099
2015 1 Qtr.	2,533	326	151	583,994	736,655	665,847
2 Qtr.	3,285	363	119	545,196	570,517	690,239
3 Qtr.	3,129	306	93	576,010	656,088	728,820
4 Qtr.	2,523	304	82	592,823	625,131	763,015
2016 1 Qtr.	2,341	274	245	597,780	687,025	1,406,227
2 Qtr.	3,145	346	142	618,423	734,265	896,610
3 Qtr.	2,931	283	147	610,209	725,626	888,480

Source: Title Guaranty of Hawaii, Inc. based on Hawaii Department of Natural Resources, Bureau of Conveyances data. Calculations by Hawaii Department of Business, Economic Development & Tourism.

**Table G-29. HOME SALES BY ORIGIN OF BUYER - HONOLULU -- Con.**

Year	Number of homes purchased by			Average price of homes purchased by (in dollars)		
	Local buyers	Main-landers	Foreign buyers	Local buyers	Main-landers	Foreign buyers
	Percentage change from previous period					
2009	-18.2	-27.0	-24.0	-5.4	-17.7	93.3
2010	16.3	50.4	-0.6	11.3	7.8	5.2
2011	-6.5	-24.5	29.3	-6.4	-16.4	-15.1
2012	0.8	-34.6	-13.0	5.6	31.6	-16.5
2013	15.7	20.6	-10.4	4.2	2.8	4.8
2014	1.3	2.6	10.1	7.8	10.7	35.0
2015	13.8	18.3	13.8	-0.1	-8.2	-31.1
2009 1 Qtr.	-37.4	-35.5	-61.2	-13.7	-8.9	-0.3
2 Qtr.	-38.7	-57.1	-76.5	-4.3	-5.4	-12.7
3 Qtr.	-13.6	-7.5	-51.2	-4.6	-41.4	29.5
4 Qtr.	35.9	33.3	423.1	-3.6	-1.3	100.2
2010 1 Qtr.	21.4	16.0	36.2	14.2	-7.2	21.5
2 Qtr.	49.8	69.7	146.5	11.7	3.4	173.4
3 Qtr.	7.1	46.9	50.0	15.7	17.4	54.4
4 Qtr.	-4.3	66.8	-54.9	6.9	12.5	-10.9
2011 1 Qtr.	-1.0	10.5	101.6	-2.7	0.7	98.3
2 Qtr.	-22.0	-6.8	2.8	-4.7	-14.4	-27.7
3 Qtr.	-3.6	-31.7	11.1	-13.6	-18.8	-32.6
4 Qtr.	4.4	-52.4	27.2	-4.1	-31.4	-30.8
2012 1 Qtr.	-9.6	-39.9	-42.6	3.1	13.4	-32.0
2 Qtr.	-4.0	-49.2	-1.8	2.3	16.9	-19.9
3 Qtr.	5.6	-43.1	-4.0	7.2	30.1	-14.0
4 Qtr.	8.7	8.4	1.7	7.7	73.0	7.3
2013 1 Qtr.	27.9	14.9	27.0	2.9	2.2	5.6
2 Qtr.	28.4	33.3	-3.7	6.8	0.4	9.0
3 Qtr.	20.9	68.5	-18.8	5.4	14.0	30.9
4 Qtr.	-6.4	-20.6	-32.8	3.2	1.0	-15.5
2014 1 Qtr.	-3.4	9.1	-7.4	13.3	5.8	19.5
2 Qtr.	-3.9	11.4	-24.3	4.2	39.7	16.8
3 Qtr.	-3.9	-22.8	-3.8	2.8	-9.5	-2.6
4 Qtr.	16.8	24.5	88.8	10.9	6.3	79.6
2015 1 Qtr.	23.0	28.9	73.6	2.8	15.5	-27.4
2 Qtr.	30.8	16.3	52.6	-0.9	-28.6	-12.3
3 Qtr.	18.6	15.9	24.0	3.9	10.2	-16.8
4 Qtr.	-12.1	13.0	-45.7	-3.4	-17.4	-40.1
2016 1 Qtr.	-7.6	-16.0	62.3	2.4	-6.7	111.2
2 Qtr.	-4.3	-4.7	19.3	13.4	28.7	29.9
3 Qtr.	-6.3	-7.5	58.1	5.9	10.6	21.9

Source: Title Guaranty of Hawaii, Inc. based on Hawaii Department of Natural Resources, Bureau of Conveyances data. Calculations by Hawaii Department of Business, Economic Development & Tourism.

**Table G-30. HOME SALES BY ORIGIN OF BUYER - HAWAII**

Year	Number of homes purchased by			Average price of homes purchased by (in dollars)		
	Local buyers	Main-landers	Foreign buyers	Local buyers	Main-landers	Foreign buyers
2008	2,310	1,532	118	310,214	424,666	530,815
1/ 2009	2,106	1,530	98	236,140	390,633	525,523
2010	2,961	2,071	241	228,458	419,307	351,348
2011	1,579	1,258	89	219,637	493,936	555,401
1/ 2012	1,688	978	110	217,804	539,738	618,388
2013	1,543	1,172	110	304,222	645,761	876,130
1/ 2014	1,543	1,094	88	335,583	684,175	822,233
2015	1,714	1,066	42	393,737	731,083	991,329
2008 1 Qtr.	591	398	33	323,600	500,494	637,444
2 Qtr.	635	441	32	361,464	458,423	428,636
3 Qtr.	546	395	33	245,721	307,741	372,760
4 Qtr.	538	298	20	300,474	428,420	779,155
2009 1 Qtr.	413	310	25	229,652	340,788	299,597
2 Qtr.	553	345	16	264,856	365,418	428,503
3 Qtr.	574	396	28	211,361	404,049	605,188
1/ 4 Qtr.	566	479	29	237,948	429,962	696,898
2010 1 Qtr.	522	431	115	293,092	455,122	313,092
2 Qtr.	764	635	65	218,085	454,481	325,577
3 Qtr.	808	581	32	236,455	402,292	383,541
4 Qtr.	867	424	29	191,231	353,535	525,295
2011 1 Qtr.	398	332	18	211,368	506,616	771,981
2 Qtr.	441	369	29	220,428	449,695	416,100
3 Qtr.	388	309	21	214,821	546,900	506,626
4 Qtr.	352	248	21	233,303	476,800	610,905
2012 1 Qtr.	380	221	36	180,601	497,738	434,038
2 Qtr.	504	300	35	175,762	641,075	761,474
1/ 3 Qtr.	411	220	17	242,013	462,169	510,125
4 Qtr.	393	237	22	282,376	522,633	776,073
2013 1 Qtr.	300	238	26	274,780	762,220	861,031
2 Qtr.	391	354	31	307,609	743,540	656,466
3 Qtr.	447	310	20	329,790	558,964	1,418,215
4 Qtr.	405	270	33	294,541	514,560	765,840
2014 1 Qtr.	348	274	19	303,355	630,137	1,223,396
2 Qtr.	365	346	32	400,627	711,293	682,612
1/ 3 Qtr.	393	262	21	318,267	597,918	841,527
1/ 4 Qtr.	437	212	16	322,493	816,360	599,769
2015 1 Qtr.	401	298	12	348,881	697,842	1,459,578
2 Qtr.	443	283	11	413,505	628,123	734,182
3 Qtr.	426	240	14	412,396	821,270	749,990
4 Qtr.	444	245	5	396,622	802,097	1,109,000
2016 1 Qtr.	423	267	12	328,761	802,016	813,958
2 Qtr.	459	329	10	340,216	854,887	1,154,728
3 Qtr.	498	260	8	343,721	783,312	1,756,042

1/ Revised from previous QSER.

Source: Title Guaranty of Hawaii, Inc. based on Hawaii Department of Natural Resources, Bureau of Conveyances data. Calculations by Hawaii Department of Business, Economic Development & Tourism.

**Table G-30. HOME SALES BY ORIGIN OF BUYER - HAWAII -- Con.**

Year	Number of homes purchased by			Average price of homes purchased by (in dollars)		
	Local buyers	Main-landers	Foreign buyers	Local buyers	Main-landers	Foreign buyers
	Percentage change from previous period					
1/ 2009	-8.8	-0.1	-16.9	-23.9	-8.0	-1.0
1/ 2010	40.6	35.4	145.9	-3.3	7.3	-33.1
2011	-46.7	-39.3	-63.1	-3.9	17.8	58.1
1/ 2012	6.9	-22.3	23.6	-0.8	9.3	11.3
1/ 2013	-8.6	19.8	0.0	39.7	19.6	41.7
1/ 2014	0.0	-6.7	-20.0	10.3	5.9	-6.2
1/ 2015	11.1	-2.6	-52.3	17.3	6.9	20.6
2009 1 Qtr.	-30.1	-22.1	-24.2	-29.0	-31.9	-53.0
2 Qtr.	-12.9	-21.8	-50.0	-26.7	-20.3	0.0
3 Qtr.	5.1	0.3	-15.2	-14.0	31.3	62.4
1/ 4 Qtr.	5.2	60.7	45.0	-20.8	0.4	-10.6
2010 1 Qtr.	26.4	39.0	360.0	27.6	33.5	4.5
2 Qtr.	38.2	84.1	306.3	-17.7	24.4	-24.0
3 Qtr.	40.8	46.7	14.3	11.9	-0.4	-36.6
1/ 4 Qtr.	53.2	-11.5	0.0	-19.6	-17.8	-24.6
2011 1 Qtr.	-23.8	-23.0	-84.3	-27.9	11.3	146.6
2 Qtr.	-42.3	-41.9	-55.4	1.1	-1.1	27.8
3 Qtr.	-52.0	-46.8	-34.4	-9.1	35.9	32.1
4 Qtr.	-59.4	-41.5	-27.6	22.0	34.9	16.3
2012 1 Qtr.	-4.5	-33.4	100.0	-14.6	-1.8	-43.8
2 Qtr.	14.3	-18.7	20.7	-20.3	42.6	83.0
1/ 3 Qtr.	5.9	-28.8	-19.0	12.7	-15.5	0.7
4 Qtr.	11.6	-4.4	4.8	21.0	9.6	27.0
2013 1 Qtr.	-21.1	7.7	-27.8	52.1	53.1	98.4
2 Qtr.	-22.4	18.0	-11.4	75.0	16.0	-13.8
1/ 3 Qtr.	8.8	40.9	17.6	36.3	20.9	178.0
4 Qtr.	3.1	13.9	50.0	4.3	-1.5	-1.3
2014 1 Qtr.	16.0	15.1	-26.9	10.4	-17.3	42.1
2 Qtr.	-6.6	-2.3	3.2	30.2	-4.3	4.0
1/ 3 Qtr.	-12.1	-15.5	5.0	-3.5	7.0	-40.7
1/ 4 Qtr.	7.9	-21.5	-51.5	9.5	58.7	-21.7
2015 1 Qtr.	15.2	8.8	-36.8	15.0	10.7	19.3
2 Qtr.	21.4	-18.2	-65.6	3.2	-11.7	7.6
1/ 3 Qtr.	8.4	-8.4	-33.3	29.6	37.4	-10.9
1/ 4 Qtr.	1.6	15.6	-68.8	23.0	-1.7	84.9
2016 1 Qtr.	5.5	-10.4	0.0	-5.8	14.9	-44.2
2 Qtr.	3.6	16.3	-9.1	-17.7	36.1	57.3
3 Qtr.	16.9	8.3	-42.9	-16.7	-4.6	134.1

1/ Revised from previous QSER.

Source: Title Guaranty of Hawaii, Inc. based on Hawaii Department of Natural Resources, Bureau of Conveyances data. Calculations by Hawaii Department of Business, Economic Development & Tourism.



**Table G-31. HOME SALES BY ORIGIN OF BUYER - MAUI**

Year	Number of homes purchased by			Average price of homes purchased by (in dollars)		
	Local buyers	Main-landers	Foreign buyers	Local buyers	Main-landers	Foreign buyers
2008	1,281	890	163	566,659	1,003,421	1,065,753
2009	1,106	1,037	139	488,117	700,054	871,373
2010	1,380	1,768	270	460,187	619,190	954,224
2011	1,331	1,316	274	400,964	533,555	794,261
2012	1,212	1,121	252	413,005	588,005	730,817
2013	1,393	1,174	197	455,623	706,670	858,267
1/ 2014	1,230	1,149	112	481,694	838,211	945,387
2015	1,392	1,090	87	522,070	818,362	1,091,288
2008 1 Qtr.	318	285	59	636,720	1,081,264	971,355
2 Qtr.	335	239	63	564,969	1,106,464	1,058,595
3 Qtr.	317	198	25	546,713	1,071,621	1,241,840
4 Qtr.	311	168	16	517,170	644,396	1,166,896
2009 1 Qtr.	241	283	41	510,358	804,945	1,203,964
2 Qtr.	247	227	24	532,158	741,214	901,389
3 Qtr.	274	242	37	418,462	502,243	507,664
4 Qtr.	344	285	37	496,395	731,081	847,066
2010 1 Qtr.	300	347	85	428,227	672,257	981,970
2 Qtr.	367	543	98	507,135	636,673	1,080,110
3 Qtr.	342	477	41	463,924	583,358	579,218
4 Qtr.	371	401	46	436,142	592,217	969,005
2011 1 Qtr.	293	345	67	398,923	511,961	713,199
2 Qtr.	342	354	91	375,704	598,905	1,070,554
3 Qtr.	362	315	71	422,192	534,055	638,945
4 Qtr.	334	302	45	405,611	481,099	601,279
2012 1 Qtr.	251	293	90	370,776	476,468	746,773
2 Qtr.	297	307	73	388,125	632,434	780,840
3 Qtr.	270	222	39	400,046	582,217	805,869
4 Qtr.	394	299	50	467,542	655,983	570,521
2013 1 Qtr.	289	245	44	450,938	689,867	692,836
2 Qtr.	385	356	70	504,728	631,551	876,666
3 Qtr.	379	297	44	415,514	674,582	929,818
4 Qtr.	340	276	39	448,709	853,010	931,157
2014 1 Qtr.	277	302	39	457,696	875,850	1,006,188
2 Qtr.	339	345	33	468,817	855,549	816,939
1/ 3 Qtr.	329	252	17	493,035	865,871	812,824
4 Qtr.	285	250	23	507,244	740,934	1,124,565
2015 1 Qtr.	295	303	33	525,196	734,284	1,290,055
2 Qtr.	362	281	21	538,554	854,573	844,202
3 Qtr.	378	268	14	478,831	928,499	1,008,143
4 Qtr.	357	238	19	548,556	758,632	1,080,420
2016 1 Qtr.	332	249	15	483,514	749,025	1,259,978
2 Qtr.	361	312	20	529,337	948,878	1,087,788
3 Qtr.	337	275	16	524,025	951,838	1,352,844

1/ Revised from previous *QSER*.

Source: Title Guaranty of Hawaii, Inc. based on Hawaii Department of Natural Resources, Bureau of Conveyances data. Calculations by Hawaii Department of Business, Economic Development & Tourism.

**Table G-31. HOME SALES BY ORIGIN OF BUYER - MAUI -- Con.**

Year	Number of homes purchased by			Average price of homes purchased by (in dollars)		
	Local buyers	Main-landers	Foreign buyers	Local buyers	Main-landers	Foreign buyers
	Percentage change from previous period					
2009	-13.7	16.5	-14.7	-13.9	-30.2	-18.2
2010	24.8	70.5	94.2	-5.7	-11.6	9.5
2011	-3.6	-25.6	1.5	-12.9	-13.8	-16.8
2012	-8.9	-14.8	-8.0	3.0	10.2	-8.0
2013	14.9	4.7	-21.8	10.3	20.2	17.4
1/ 2014	-11.7	-2.1	-43.1	5.7	18.6	10.2
1/ 2015	13.2	-5.1	-22.3	8.4	-2.4	15.4
2009 1 Qtr.	-24.2	-0.7	-30.5	-19.8	-25.6	23.9
2 Qtr.	-26.3	-5.0	-61.9	-5.8	-33.0	-14.9
3 Qtr.	-13.6	22.2	48.0	-23.5	-53.1	-59.1
4 Qtr.	10.6	69.6	131.3	-4.0	13.5	-27.4
2010 1 Qtr.	24.5	22.6	107.3	-16.1	-16.5	-18.4
2 Qtr.	48.6	139.2	308.3	-4.7	-14.1	19.8
3 Qtr.	24.8	97.1	10.8	10.9	16.2	14.1
4 Qtr.	7.8	40.7	24.3	-12.1	-19.0	14.4
2011 1 Qtr.	-2.3	-0.6	-21.2	-6.8	-23.8	-27.4
2 Qtr.	-6.8	-34.8	-7.1	-25.9	-5.9	-0.9
3 Qtr.	5.8	-34.0	73.2	-9.0	-8.5	10.3
4 Qtr.	-10.0	-24.7	-2.2	-7.0	-18.8	-37.9
2012 1 Qtr.	-14.3	-15.1	34.3	-7.1	-6.9	4.7
2 Qtr.	-13.2	-13.3	-19.8	3.3	5.6	-27.1
3 Qtr.	-25.4	-29.5	-45.1	-5.2	9.0	26.1
4 Qtr.	18.0	-1.0	11.1	15.3	36.4	-5.1
2013 1 Qtr.	15.1	-16.4	-51.1	21.6	44.8	-7.2
2 Qtr.	29.6	16.0	-4.1	30.0	-0.1	12.3
3 Qtr.	40.4	33.8	12.8	3.9	15.9	15.4
4 Qtr.	-13.7	-7.7	-22.0	-4.0	30.0	63.2
2014 1 Qtr.	-4.2	23.3	-11.4	1.5	27.0	45.2
2 Qtr.	-11.9	-3.1	-52.9	-7.1	35.5	-6.8
1/ 3 Qtr.	-13.2	-15.2	-61.4	18.7	28.4	-12.6
4 Qtr.	-16.2	-9.4	-41.0	13.0	-13.1	20.8
2015 1 Qtr.	6.5	0.3	-15.4	14.7	-16.2	28.2
2 Qtr.	6.8	-18.6	-36.4	14.9	-0.1	3.3
1/ 3 Qtr.	14.9	6.3	-17.6	-2.9	7.2	24.0
4 Qtr.	25.3	-4.8	-17.4	8.1	2.4	-3.9
2016 1 Qtr.	12.5	-17.8	-54.5	-7.9	2.0	-2.3
2 Qtr.	-0.3	11.0	-4.8	-1.7	11.0	28.9
3 Qtr.	-10.8	2.6	14.3	9.4	2.5	34.2

1/ Revised from previous QSER.

Source: Title Guaranty of Hawaii, Inc. based on Hawaii Department of Natural Resources, Bureau of Conveyances data. Calculations by Hawaii Department of Business, Economic Development & Tourism.

**Table G-32. HOME SALES BY ORIGIN OF BUYER - KAUAI**

Year	Number of homes purchased by			Average price of homes purchased by (in dollars)		
	Local buyers	Main-landers	Foreign buyers	Local buyers	Main-landers	Foreign buyers
2008	426	368	23	482,127	856,850	792,565
1/ 2009	366	401	8	407,776	629,719	567,155
2010	602	571	28	404,711	587,416	442,802
2011	447	418	36	336,439	591,219	473,227
1/ 2012	517	420	39	387,210	587,659	563,517
2013	494	359	19	452,599	666,296	481,291
1/ 2014	603	314	12	484,858	902,864	600,833
2015	501	243	6	527,757	1,105,254	830,333
2008 1 Qtr.	114	102	3	564,437	953,184	916,000
2 Qtr.	115	98	10	551,955	823,148	841,400
3 Qtr.	90	86	8	399,290	910,374	777,125
4 Qtr.	107	82	2	389,058	721,164	425,000
2009 1 Qtr.	63	63	3	365,373	721,949	318,333
2 Qtr.	85	87	2	400,454	883,836	267,500
3 Qtr.	89	115	1	393,572	534,108	1,590,400
1/ 4 Qtr.	129	136	2	443,110	505,283	728,420
2010 1 Qtr.	131	110	8	414,202	546,491	517,692
2 Qtr.	157	157	5	356,765	571,884	486,600
3 Qtr.	147	163	6	416,620	543,711	250,678
4 Qtr.	167	141	9	431,858	687,161	479,984
2011 1 Qtr.	130	103	15	345,473	735,930	406,115
2 Qtr.	110	127	8	295,169	523,279	584,817
3 Qtr.	100	103	4	309,494	420,314	827,483
4 Qtr.	107	85	9	393,072	724,471	328,444
2012 1 Qtr.	100	89	9	335,668	583,079	283,363
2 Qtr.	119	105	18	363,502	605,844	488,300
1/ 3 Qtr.	101	94	6	502,834	477,568	392,500
4 Qtr.	197	132	6	368,416	654,680	1,380,419
2013 1 Qtr.	86	89	5	440,618	572,450	516,307
2 Qtr.	142	101	8	474,876	707,222	430,500
3 Qtr.	146	88	5	438,340	579,687	534,000
4 Qtr.	120	81	1	452,173	812,474	449,000
2014 1 Qtr.	128	83	3	422,617	624,751	823,000
2 Qtr.	161	87	6	445,134	1,147,125	653,667
1/ 3 Qtr.	146	68	2	434,081	705,667	272,000
1/ 4 Qtr.	168	76	1	614,476	1,103,416	275,000
2015 1 Qtr.	101	51	0	437,108	1,313,484	0
2 Qtr.	152	70	2	612,176	939,855	1,072,500
3 Qtr.	130	55	2	508,526	1,081,404	1,150,000
4 Qtr.	118	67	2	517,792	1,139,132	268,500
2016 1 Qtr.	117	69	2	449,664	1,043,227	372,467
2 Qtr.	107	69	4	615,141	1,022,365	1,497,875
3 Qtr.	144	78	2	507,530	700,247	1,375,000

1/ Revised from previous QSER.

Source: Title Guaranty of Hawaii, Inc. based on Hawaii Department of Natural Resources, Bureau of Conveyances data. Calculations by Hawaii Department of Business, Economic Development & Tourism.

**Table G-32. HOME SALES BY ORIGIN OF BUYER - KAUAI -- Con.**

Year	Number of homes purchased by			Average price of homes purchased by (in dollars)		
	Local buyers	Main-landers	Foreign buyers	Local buyers	Main-landers	Foreign buyers
	Percentage change from previous period					
1/ 2009	-14.1	9.0	-65.2	-15.4	-26.5	-28.4
1/ 2010	64.5	42.4	250.0	-0.8	-6.7	-21.9
2011	-25.7	-26.8	28.6	-16.9	0.6	6.9
1/ 2012	15.7	0.5	8.3	15.1	-0.6	19.1
1/ 2013	-4.4	-14.5	-51.3	16.9	13.4	-14.6
1/ 2014	22.1	-12.5	-36.8	7.1	35.5	24.8
1/ 2015	-16.9	-22.6	-50.0	8.8	22.4	38.2
2009 1 Qtr.	-44.7	-38.2	0.0	-35.3	-24.3	-65.2
2 Qtr.	-26.1	-11.2	-80.0	-27.4	7.4	-68.2
3 Qtr.	-1.1	33.7	-87.5	-1.4	-41.3	104.7
1/ 4 Qtr.	20.6	65.9	0.0	13.9	-29.9	71.4
2010 1 Qtr.	107.9	74.6	166.7	13.4	-24.3	62.6
2 Qtr.	84.7	80.5	150.0	-10.9	-35.3	81.9
3 Qtr.	65.2	41.7	500.0	5.9	1.8	-84.2
1/ 4 Qtr.	29.5	3.7	350.0	-2.5	36.0	-34.1
2011 1 Qtr.	-0.8	-6.4	87.5	-16.6	34.7	-21.6
2 Qtr.	-29.9	-19.1	60.0	-17.3	-8.5	20.2
3 Qtr.	-32.0	-36.8	-33.3	-25.7	-22.7	230.1
4 Qtr.	-35.9	-39.7	0.0	-9.0	5.4	-31.6
2012 1 Qtr.	-23.1	-13.6	-40.0	-2.8	-20.8	-30.2
2 Qtr.	8.2	-17.3	125.0	23.2	15.8	-16.5
1/ 3 Qtr.	1.0	-8.7	50.0	62.5	13.6	-52.6
4 Qtr.	84.1	55.3	-33.3	-6.3	-9.6	320.3
2013 1 Qtr.	-14.0	0.0	-44.4	31.3	-1.8	82.2
2 Qtr.	19.3	-3.8	-55.6	30.6	16.7	-11.8
1/ 3 Qtr.	44.6	-6.4	-16.7	-12.8	21.4	36.1
4 Qtr.	-39.1	-38.6	-83.3	22.7	24.1	-67.5
2014 1 Qtr.	48.8	-6.7	-40.0	-4.1	9.1	59.4
2 Qtr.	13.4	-13.9	-25.0	-6.3	62.2	51.8
1/ 3 Qtr.	0.0	-22.7	-60.0	-1.0	21.7	-49.1
1/ 4 Qtr.	40.0	-6.2	0.0	35.9	35.8	-38.8
2015 1 Qtr.	-21.1	-38.6	(1/)	3.4	110.2	(1/)
2 Qtr.	-5.6	-19.5	-66.7	37.5	-18.1	64.1
1/ 3 Qtr.	-11.0	-19.1	0.0	17.2	53.2	322.8
1/ 4 Qtr.	-29.8	-11.8	100.0	-15.7	3.2	-2.4
2016 1 Qtr.	15.8	35.3	(1/)	2.9	-20.6	(1/)
2 Qtr.	-29.6	-1.4	100.0	0.5	8.8	39.7
3 Qtr.	10.8	41.8	0.0	-0.2	-35.2	19.6

1/ Revised from previous QSER.

2/ Percentage change calculations involving zero not meaningful.

Source: Title Guaranty of Hawaii, Inc. based on Hawaii Department of Natural Resources, Bureau of Conveyances data. Calculations by Hawaii Department of Business, Economic Development & Tourism.

**Table G-33. HONOLULU HOME SALES BY TYPE OF HOME**

Year	Number of homes			Average price of homes (in dollars)		
	Total	Sing. family	Condo	Total	Sing. family	Condo
2008	11,702	3,677	8,025	511,068	789,523	383,481
2009	9,397	3,525	5,872	490,308	684,609	373,668
2010	11,275	4,446	6,829	539,338	732,642	413,489
2011	10,344	3,937	6,407	498,314	687,742	381,914
2012	9,883	3,983	5,900	528,367	752,075	377,346
2013	11,373	4,424	6,949	548,300	791,123	393,709
2014	11,568	4,468	7,100	600,459	822,240	460,893
2015	13,214	4,579	8,635	584,178	863,969	435,810
2008 1 Qtr.	2,979	839	2,140	507,061	816,625	385,694
2 Qtr.	3,749	988	2,761	490,114	762,666	392,583
3 Qtr.	2,920	962	1,958	542,882	853,766	390,139
4 Qtr.	2,054	888	1,166	509,895	724,203	346,684
2009 1 Qtr.	1,844	643	1,201	444,359	678,241	319,141
2 Qtr.	2,116	848	1,268	464,342	683,862	317,534
3 Qtr.	2,500	944	1,556	482,309	697,668	351,654
4 Qtr.	2,937	1,090	1,847	544,675	677,636	466,208
2010 1 Qtr.	2,232	917	1,315	491,398	716,275	334,582
2 Qtr.	3,264	1,246	2,018	533,483	702,286	429,256
3 Qtr.	2,846	1,125	1,721	570,855	808,691	415,383
4 Qtr.	2,933	1,158	1,775	551,756	704,382	452,183
2011 1 Qtr.	2,310	897	1,413	512,771	680,202	406,483
2 Qtr.	2,641	1,027	1,614	495,546	685,085	374,941
3 Qtr.	2,610	1,051	1,559	484,672	698,412	340,578
4 Qtr.	2,783	962	1,821	501,736	685,950	404,420
2012 1 Qtr.	1,944	783	1,161	506,996	734,945	353,263
2 Qtr.	2,351	913	1,438	506,636	738,354	359,517
3 Qtr.	2,572	1,024	1,548	523,113	734,301	383,413
4 Qtr.	3,016	1,263	1,753	563,563	787,024	402,564
2013 1 Qtr.	2,459	857	1,602	521,144	749,259	399,113
2 Qtr.	2,995	1,152	1,843	537,159	767,436	393,221
3 Qtr.	3,167	1,329	1,838	560,626	777,194	404,033
4 Qtr.	2,752	1,086	1,666	570,503	866,333	377,663
2014 1 Qtr.	2,400	931	1,469	588,118	828,494	435,776
2 Qtr.	2,901	1,052	1,849	583,249	847,149	433,101
3 Qtr.	2,978	1,225	1,753	565,973	788,683	410,342
4 Qtr.	3,289	1,260	2,029	655,870	829,448	548,079
2015 1 Qtr.	3,010	994	2,016	604,635	842,379	487,413
2 Qtr.	3,767	1,199	2,568	552,218	864,091	406,605
3 Qtr.	3,528	1,315	2,213	586,983	857,826	426,044
4 Qtr.	2,909	1,071	1,838	600,997	891,410	431,773
2016 1 Qtr.	2,860	1,001	1,859	675,585	832,852	590,903
2 Qtr.	3,633	1,156	2,477	640,329	901,141	518,610
3 Qtr.	3,361	1,228	2,133	632,098	890,315	483,439

Source: Title Guaranty of Hawaii, Inc. based on Hawaii Department of Natural Resources, Bureau of Conveyances data. Calculations by Hawaii Department of Business, Economic Development & Tourism.

**Table G-33. HONOLULU HOME SALES BY TYPE OF HOME -- Con.**

Year	Number of homes			Average price of homes (in dollars)		
	Total	Sing. family	Condo	Total	Sing. family	Condo
	Percentage change from previous period					
2009	-19.7	-4.1	-26.8	-4.1	-13.3	-2.6
2010	20.0	26.1	16.3	10.0	7.0	10.7
2011	-8.3	-11.4	-6.2	-7.6	-6.1	-7.6
2012	-4.5	1.2	-7.9	6.0	9.4	-1.2
2013	15.1	11.1	17.8	3.8	5.2	4.3
2014	1.7	1.0	2.2	9.5	3.9	17.1
2015	14.2	2.5	21.6	-2.7	5.1	-5.4
2009 1 Qtr.	-38.1	-23.4	-43.9	-12.4	-16.9	-17.3
2 Qtr.	-43.6	-14.2	-54.1	-5.3	-10.3	-19.1
3 Qtr.	-14.4	-1.9	-20.5	-11.2	-18.3	-9.9
4 Qtr.	43.0	22.7	58.4	6.8	-6.4	34.5
2010 1 Qtr.	21.0	42.6	9.5	10.6	5.6	4.8
2 Qtr.	54.3	46.9	59.1	14.9	2.7	35.2
3 Qtr.	13.8	19.2	10.6	18.4	15.9	18.1
4 Qtr.	-0.1	6.2	-3.9	1.3	3.9	-3.0
2011 1 Qtr.	3.5	-2.2	7.5	4.3	-5.0	21.5
2 Qtr.	-19.1	-17.6	-20.0	-7.1	-2.4	-12.7
3 Qtr.	-8.3	-6.6	-9.4	-15.1	-13.6	-18.0
4 Qtr.	-5.1	-16.9	2.6	-9.1	-2.6	-10.6
2012 1 Qtr.	-15.8	-12.7	-17.8	-1.1	8.0	-13.1
2 Qtr.	-11.0	-11.1	-10.9	2.2	7.8	-4.1
3 Qtr.	-1.5	-2.6	-0.7	7.9	5.1	12.6
4 Qtr.	8.4	31.3	-3.7	12.3	14.7	-0.5
2013 1 Qtr.	26.5	9.5	38.0	2.8	1.9	13.0
2 Qtr.	27.4	26.2	28.2	6.0	3.9	9.4
3 Qtr.	23.1	29.8	18.7	7.2	5.8	5.4
4 Qtr.	-8.8	-14.0	-5.0	1.2	10.1	-6.2
2014 1 Qtr.	-2.4	8.6	-8.3	12.9	10.6	9.2
2 Qtr.	-3.1	-8.7	0.3	8.6	10.4	10.1
3 Qtr.	-6.0	-7.8	-4.6	1.0	1.5	1.6
4 Qtr.	19.5	16.0	21.8	15.0	-4.3	45.1
2015 1 Qtr.	25.4	6.8	37.2	2.8	1.7	11.8
2 Qtr.	29.9	14.0	38.9	-5.3	2.0	-6.1
3 Qtr.	18.5	7.3	26.2	3.7	8.8	3.8
4 Qtr.	-11.6	-15.0	-9.4	-8.4	7.5	-21.2
2016 1 Qtr.	-5.0	0.7	-7.8	11.7	-1.1	21.2
2 Qtr.	-3.6	-3.6	-3.5	16.0	4.3	27.5
3 Qtr.	-4.7	-6.6	-3.6	7.7	3.8	13.5

Source: Title Guaranty of Hawaii, Inc. based on Hawaii Department of Natural Resources, Bureau of Conveyances data. Calculations by Hawaii Department of Business, Economic Development & Tourism.

**Table G-34. HOME SALES BY TYPE OF HOME - HAWAII**

Year	Number of homes			Average price of homes (in dollars)		
	Total	Sing. family	Condo	Total	Sing. family	Condo
2008	3,960	3,412	548	361,065	330,401	551,993
1/ 2009	3,734	3,210	524	307,038	285,005	442,016
2010	5,273	4,383	890	309,031	296,382	371,328
2011	2,926	2,022	904	347,782	348,055	347,170
1/ 2012	2,776	1,994	782	347,097	320,978	413,696
2013	2,825	1,977	848	468,184	488,325	421,228
1/ 2014	2,725	1,926	799	491,247	523,040	414,610
2015	2,822	2,016	806	530,062	541,472	501,523
2008 1 Qtr.	1,022	877	145	402,622	364,669	632,173
2 Qtr.	1,108	942	166	401,995	365,054	611,625
3 Qtr.	974	838	136	275,177	246,603	451,247
4 Qtr.	856	755	101	356,200	340,370	474,535
2009 1 Qtr.	748	654	94	278,049	252,972	452,521
2 Qtr.	914	791	123	305,679	286,127	431,416
3 Qtr.	998	854	144	298,867	281,153	403,922
1/ 4 Qtr.	1,074	911	163	335,978	310,636	477,612
2010 1 Qtr.	1,068	884	184	360,634	351,183	406,043
2 Qtr.	1,464	1,201	263	325,392	320,636	347,111
3 Qtr.	1,421	1,170	251	307,573	296,633	358,563
4 Qtr.	1,320	1,128	192	250,705	227,349	387,917
2011 1 Qtr.	748	496	252	355,904	361,317	345,250
2 Qtr.	839	606	233	328,025	327,656	328,984
3 Qtr.	718	488	230	366,270	352,338	395,830
4 Qtr.	621	432	189	343,314	356,606	312,932
2012 1 Qtr.	637	472	165	304,951	279,061	379,012
2 Qtr.	839	587	252	366,577	322,381	469,526
1/ 3 Qtr.	648	460	188	323,791	320,718	331,311
4 Qtr.	652	475	177	386,367	361,149	454,045
2013 1 Qtr.	564	377	187	507,499	532,165	457,769
2 Qtr.	776	547	229	520,411	546,421	458,280
3 Qtr.	777	556	221	449,240	456,862	430,064
4 Qtr.	708	497	211	400,414	426,328	339,375
2014 1 Qtr.	641	451	190	470,311	511,566	372,385
2 Qtr.	743	504	239	557,443	596,980	474,068
1/ 3 Qtr.	676	484	192	442,907	461,878	395,085
1/ 4 Qtr.	665	487	178	486,607	517,931	400,909
2015 1 Qtr.	711	492	219	513,886	520,223	499,651
2 Qtr.	737	522	215	500,702	513,172	470,427
3 Qtr.	680	497	183	563,655	574,897	533,122
4 Qtr.	694	505	189	544,898	558,531	508,469
2016 1 Qtr.	702	502	200	517,054	517,934	514,843
2 Qtr.	798	566	232	562,612	611,714	442,820
3 Qtr.	766	544	222	507,680	525,159	464,848

1/ Revised from previous QSER.

Source: Title Guaranty of Hawaii, Inc. based on Hawaii Department of Natural Resources, Bureau of Conveyances data. Calculations by Hawaii Department of Business, Economic Development & Tourism.

**Table G-34. HOME SALES BY TYPE OF HOME - HAWAII -- Con.**

Year	Number of homes			Average price of homes (in dollars)		
	Total	Sing. family	Condo	Total	Sing. family	Condo
	Percentage change from previous period					
1/ 2009	-5.7	-5.9	-4.4	-15.0	-13.7	-19.9
1/ 2010	41.2	36.5	69.8	0.6	4.0	-16.0
2011	-44.5	-53.9	1.6	12.5	17.4	-6.5
1/ 2012	-5.1	-1.4	-13.5	-0.2	-7.8	19.2
1/ 2013	1.8	-0.9	8.4	34.9	52.1	1.8
1/ 2014	-3.5	-2.6	-5.8	4.9	7.1	-1.6
1/ 2015	3.6	4.7	0.9	7.9	3.5	21.0
2009 1 Qtr.	-26.8	-25.4	-35.2	-30.9	-30.6	-28.4
2 Qtr.	-17.5	-16.0	-25.9	-24.0	-21.6	-29.5
3 Qtr.	2.5	1.9	5.9	8.6	14.0	-10.5
1/ 4 Qtr.	25.5	20.7	61.4	-5.7	-8.7	0.6
2010 1 Qtr.	42.8	35.2	95.7	29.7	38.8	-10.3
2 Qtr.	60.2	51.8	113.8	6.4	12.1	-19.5
3 Qtr.	42.4	37.0	74.3	2.9	5.5	-11.2
1/ 4 Qtr.	22.9	23.8	17.8	-25.4	-26.8	-18.8
2011 1 Qtr.	-30.0	-43.9	37.0	-1.3	2.9	-15.0
2 Qtr.	-42.7	-49.5	-11.4	0.8	2.2	-5.2
3 Qtr.	-49.5	-58.3	-8.4	19.1	18.8	10.4
4 Qtr.	-53.0	-61.7	-1.6	36.9	56.9	-19.3
2012 1 Qtr.	-14.8	-4.8	-34.5	-14.3	-22.8	9.8
2 Qtr.	0.0	-3.1	8.2	11.8	-1.6	42.7
1/ 3 Qtr.	-9.7	-5.7	-18.3	-11.6	-9.0	-16.3
4 Qtr.	5.0	10.0	-6.3	12.5	1.3	45.1
2013 1 Qtr.	-11.5	-20.1	13.3	66.4	90.7	20.8
2 Qtr.	-7.5	-6.8	-9.1	42.0	69.5	-2.4
1/ 3 Qtr.	19.9	20.9	17.6	38.7	42.4	29.8
4 Qtr.	8.6	4.6	19.2	3.6	18.0	-25.3
2014 1 Qtr.	13.7	19.6	1.6	-7.3	-3.9	-18.7
2 Qtr.	-4.3	-7.9	4.4	7.1	9.3	3.4
1/ 3 Qtr.	-13.0	-12.9	-13.1	-1.4	1.1	-8.1
1/ 4 Qtr.	-6.1	-2.0	-15.6	21.5	21.5	18.1
2015 1 Qtr.	10.9	9.1	15.3	9.3	1.7	34.2
2 Qtr.	-0.8	3.6	-10.0	-10.2	-14.0	-0.8
1/ 3 Qtr.	0.6	2.7	-4.7	27.3	24.5	34.9
1/ 4 Qtr.	4.4	3.7	6.2	12.0	7.8	26.8
2016 1 Qtr.	-1.3	2.0	-8.7	0.6	-0.4	3.0
2 Qtr.	8.3	8.4	7.9	12.4	19.2	-5.9
3 Qtr.	12.6	9.5	21.3	-9.9	-8.7	-12.8

1/ Revised from previous QSER.

Source: Title Guaranty of Hawaii, Inc. based on Hawaii Department of Natural Resources, Bureau of Conveyances data. Calculations by Hawaii Department of Business, Economic Development & Tourism.



**Table G-35. HOME SALES BY TYPE OF HOME - MAUI**

Year	Number of homes			Average price of homes (in dollars)		
	Total	Sing. family	Condo	Total	Sing. family	Condo
2008	2,334	1,268	1,066	768,060	771,564	763,892
2009	2,282	1,289	993	607,771	715,452	467,992
2010	3,418	1,631	1,787	581,459	638,980	528,958
2011	2,921	1,254	1,667	497,593	559,936	450,695
2012	2,585	1,041	1,544	519,877	603,112	463,758
2013	2,764	1,148	1,616	590,952	633,593	560,661
1/ 2014	2,491	1,082	1,409	666,989	714,731	630,328
2015	2,569	1,172	1,397	667,061	694,111	644,367
2008 1 Qtr.	662	343	319	857,926	907,128	805,023
2 Qtr.	637	347	290	816,956	771,000	871,945
3 Qtr.	540	309	231	771,361	741,514	811,288
4 Qtr.	495	269	226	581,351	633,955	518,738
2009 1 Qtr.	565	337	228	708,245	882,922	450,060
2 Qtr.	498	294	204	645,245	728,450	525,333
3 Qtr.	553	285	268	461,094	542,893	374,106
4 Qtr.	666	373	293	616,305	685,750	527,899
2010 1 Qtr.	732	326	406	608,208	600,820	614,141
2 Qtr.	1,008	429	579	632,622	640,795	626,567
3 Qtr.	860	447	413	535,665	664,047	396,714
4 Qtr.	818	429	389	542,619	640,047	435,173
2011 1 Qtr.	705	304	401	484,107	520,928	456,192
2 Qtr.	787	339	448	556,447	619,409	508,803
3 Qtr.	748	325	423	489,874	556,442	438,729
4 Qtr.	681	286	395	452,017	534,874	392,024
2012 1 Qtr.	634	222	412	472,996	596,791	406,290
2 Qtr.	677	251	426	541,258	632,495	487,502
3 Qtr.	531	236	295	506,014	589,553	439,183
4 Qtr.	743	332	411	550,305	594,762	514,393
2013 1 Qtr.	578	257	321	570,629	608,521	540,291
2 Qtr.	811	321	490	592,502	668,578	542,664
3 Qtr.	720	298	422	553,810	581,859	534,002
4 Qtr.	655	272	383	647,797	672,674	630,129
2014 1 Qtr.	618	245	373	696,650	842,660	600,745
2 Qtr.	717	311	406	670,924	686,616	658,903
1/ 3 Qtr.	598	289	309	659,241	702,964	618,347
4 Qtr.	558	237	321	637,389	633,724	640,095
2015 1 Qtr.	631	264	367	665,598	743,469	609,582
2 Qtr.	664	310	354	681,957	709,229	658,075
3 Qtr.	660	304	356	672,652	657,984	685,177
4 Qtr.	614	294	320	646,444	671,203	623,697
2016 1 Qtr.	596	262	334	613,982	662,001	576,315
2 Qtr.	693	301	392	734,338	849,968	645,551
3 Qtr.	628	263	365	732,480	765,134	708,952

1/ Revised from previous *QSER*.

Source: Title Guaranty of Hawaii, Inc. based on Hawaii Department of Natural Resources, Bureau of Conveyances data. Calculations by Hawaii Department of Business, Economic Development & Tourism.

**Table G-35. HOME SALES BY TYPE OF HOME - MAUI -- Con.**

Year	Number of homes			Average price of homes (in dollars)		
	Total	Sing. family	Condo	Total	Sing. family	Condo
	Percentage change from previous period					
2009	-2.2	1.7	-6.8	-20.9	-7.3	-38.7
2010	49.8	26.5	80.0	-4.3	-10.7	13.0
2011	-14.5	-23.1	-6.7	-14.4	-12.4	-14.8
2012	-11.5	-17.0	-7.4	4.5	7.7	2.9
2013	6.9	10.3	4.7	13.7	5.1	20.9
1/ 2014	-9.9	-5.7	-12.8	12.9	12.8	12.4
1/ 2015	3.1	8.3	-0.9	0.0	-2.9	2.2
2009 1 Qtr.	-14.7	-1.7	-28.5	-17.4	-2.7	-44.1
2 Qtr.	-21.8	-15.3	-29.7	-21.0	-5.5	-39.8
3 Qtr.	2.4	-7.8	16.0	-40.2	-26.8	-53.9
4 Qtr.	34.5	38.7	29.6	6.0	8.2	1.8
2010 1 Qtr.	29.6	-3.3	78.1	-14.1	-32.0	36.5
2 Qtr.	102.4	45.9	183.8	-2.0	-12.0	19.3
3 Qtr.	55.5	56.8	54.1	16.2	22.3	6.0
4 Qtr.	22.8	15.0	32.8	-12.0	-6.7	-17.6
2011 1 Qtr.	-3.7	-6.7	-1.2	-20.4	-13.3	-25.7
2 Qtr.	-21.9	-21.0	-22.6	-12.0	-3.3	-18.8
3 Qtr.	-13.0	-27.3	2.4	-8.5	-16.2	10.6
4 Qtr.	-16.7	-33.3	1.5	-16.7	-16.4	-9.9
2012 1 Qtr.	-10.1	-27.0	2.7	-2.3	14.6	-10.9
2 Qtr.	-14.0	-26.0	-4.9	-2.7	2.1	-4.2
3 Qtr.	-29.0	-27.4	-30.3	3.3	6.0	0.1
4 Qtr.	9.1	16.1	4.1	21.7	11.2	31.2
2013 1 Qtr.	-8.8	15.8	-22.1	20.6	2.0	33.0
2 Qtr.	19.8	27.9	15.0	9.5	5.7	11.3
3 Qtr.	35.6	26.3	43.1	9.4	-1.3	21.6
4 Qtr.	-11.8	-18.1	-6.8	17.7	13.1	22.5
2014 1 Qtr.	6.9	-4.7	16.2	22.1	38.5	11.2
2 Qtr.	-11.6	-3.1	-17.1	13.2	2.7	21.4
1/ 3 Qtr.	-16.9	-3.0	-26.8	19.0	20.8	15.8
4 Qtr.	-14.8	-12.9	-16.2	-1.6	-5.8	1.6
2015 1 Qtr.	2.1	7.8	-1.6	-4.5	-11.8	1.5
2 Qtr.	-7.4	-0.3	-12.8	1.6	3.3	-0.1
1/ 3 Qtr.	10.4	5.2	15.2	2.0	-6.4	10.8
4 Qtr.	10.0	24.1	-0.3	1.4	5.9	-2.6
2016 1 Qtr.	-5.5	-0.8	-9.0	-7.8	-11.0	-5.5
2 Qtr.	4.4	-2.9	10.7	7.7	19.8	-1.9
3 Qtr.	-4.8	-13.5	2.5	8.9	16.3	3.5

1/ Revised from previous QSER.

Source: Title Guaranty of Hawaii, Inc. based on Hawaii Department of Natural Resources, Bureau of Conveyances data. Calculations by Hawaii Department of Business, Economic Development & Tourism.

**Table E-36. KAUAI COUNTY HOME SALES BY TYPE OF HOME**

Year	Number of homes			Average price of homes (in dollars)		
	Total	Sing. family	Condo	Total	Sing. family	Condo
2008	817	485	332	659,652	678,251	632,482
1/ 2009	775	360	415	524,259	542,024	508,848
2010	1,201	613	588	492,464	548,955	433,570
2011	901	413	488	460,104	581,917	357,013
1/ 2012	976	526	450	480,514	567,999	378,253
2013	872	519	353	541,203	601,035	453,234
1/ 2014	929	599	330	627,641	679,999	532,603
2015	750	460	290	717,287	768,638	635,833
2008 1 Qtr.	219	126	93	750,313	726,701	782,304
2 Qtr.	223	123	100	684,113	707,440	655,422
3 Qtr.	184	111	73	654,594	740,461	524,029
4 Qtr.	191	125	66	532,014	545,450	506,567
2009 1 Qtr.	129	64	65	538,421	429,280	645,883
2 Qtr.	174	91	83	640,616	635,492	646,235
3 Qtr.	205	89	116	478,247	474,376	481,218
1/ 4 Qtr.	267	116	151	476,916	582,807	395,569
2010 1 Qtr.	249	138	111	475,968	570,775	358,100
2 Qtr.	319	149	170	464,673	530,082	407,345
3 Qtr.	316	155	161	479,026	537,774	422,466
4 Qtr.	317	171	146	546,782	557,926	533,729
2011 1 Qtr.	248	123	125	511,307	686,187	339,224
2 Qtr.	245	105	140	422,871	498,785	365,936
3 Qtr.	207	83	124	374,646	395,006	361,017
4 Qtr.	201	102	99	530,322	693,851	361,838
2012 1 Qtr.	198	95	103	444,501	480,591	411,214
2 Qtr.	242	114	128	477,933	536,990	425,335
1/ 3 Qtr.	201	98	103	487,724	662,376	321,551
4 Qtr.	335	219	116	499,338	579,826	347,383
2013 1 Qtr.	180	95	85	507,904	546,197	465,106
2 Qtr.	251	150	101	566,955	612,271	499,654
3 Qtr.	239	146	93	492,385	545,661	408,749
4 Qtr.	202	128	74	596,634	691,730	432,145
2014 1 Qtr.	214	144	70	506,627	497,044	526,341
2 Qtr.	254	159	95	690,506	778,727	542,852
1/ 3 Qtr.	216	137	79	518,079	535,756	487,425
1/ 4 Qtr.	245	159	86	764,762	871,251	567,881
2015 1 Qtr.	152	85	67	731,155	964,553	435,053
2 Qtr.	224	147	77	718,686	643,224	862,750
3 Qtr.	187	111	76	683,880	723,699	625,724
4 Qtr.	187	117	70	737,745	826,514	589,374
2016 1 Qtr.	188	116	72	666,693	738,139	551,587
2 Qtr.	180	115	65	790,860	761,640	842,556
3 Qtr.	224	128	96	582,382	568,499	600,893

1/ Revised from previous QSER.

Source: Title Guaranty of Hawaii, Inc. based on Hawaii Department of Natural Resources, Bureau of Conveyances data. Calculations by Hawaii Department of Business, Economic Development & Tourism.

**Table E-36. KAUAI COUNTY HOME SALES BY TYPE OF HOME -- Con.**

Year	Number of homes			Average price of homes (in dollars)		
	Total	Sing. family	Condo	Total	Sing. family	Condo
	Percentage change from previous period					
1/ 2009	-5.1	-25.8	25.0	-20.5	-20.1	-19.5
1/ 2010	55.0	70.3	41.7	-6.1	1.3	-14.8
2011	-25.0	-32.6	-17.0	-6.6	6.0	-17.7
1/ 2012	8.3	27.4	-7.8	4.4	-2.4	5.9
1/ 2013	-10.7	-1.3	-21.6	12.6	5.8	19.8
1/ 2014	6.5	15.4	-6.5	16.0	13.1	17.5
1/ 2015	-19.3	-23.2	-12.1	14.3	13.0	19.4
2009 1 Qtr.	-41.1	-49.2	-30.1	-28.2	-40.9	-17.4
2 Qtr.	-22.0	-26.0	-17.0	-6.4	-10.2	-1.4
3 Qtr.	11.4	-19.8	58.9	-26.9	-35.9	-8.2
1/ 4 Qtr.	39.8	-7.2	128.8	-10.4	6.8	-21.9
2010 1 Qtr.	93.0	115.6	70.8	-11.6	33.0	-44.6
2 Qtr.	83.3	63.7	104.8	-27.5	-16.6	-37.0
3 Qtr.	54.1	74.2	38.8	0.2	13.4	-12.2
1/ 4 Qtr.	18.7	47.4	-3.3	14.6	-4.3	34.9
2011 1 Qtr.	-0.4	-10.9	12.6	7.4	20.2	-5.3
2 Qtr.	-23.2	-29.5	-17.6	-9.0	-5.9	-10.2
3 Qtr.	-34.5	-46.5	-23.0	-21.8	-26.5	-14.5
4 Qtr.	-36.6	-40.4	-32.2	-3.0	24.4	-32.2
2012 1 Qtr.	-20.2	-22.8	-17.6	-13.1	-30.0	21.2
2 Qtr.	-1.2	8.6	-8.6	13.0	7.7	16.2
1/ 3 Qtr.	-2.9	18.1	-16.9	30.2	67.7	-10.9
4 Qtr.	66.7	114.7	17.2	-5.8	-16.4	-4.0
2013 1 Qtr.	-9.1	0.0	-17.5	14.3	13.7	13.1
2 Qtr.	3.7	31.6	-21.1	18.6	14.0	17.5
1/ 3 Qtr.	18.9	49.0	-9.7	1.0	-17.6	27.1
4 Qtr.	-39.7	-41.6	-36.2	19.5	19.3	24.4
2014 1 Qtr.	18.9	51.6	-17.6	-0.3	-9.0	13.2
2 Qtr.	1.2	6.0	-5.9	21.8	27.2	8.6
1/ 3 Qtr.	-9.6	-6.2	-15.1	5.2	-1.8	19.2
1/ 4 Qtr.	21.3	24.2	16.2	28.2	26.0	31.4
2015 1 Qtr.	-29.0	-41.0	-4.3	44.3	94.1	-17.3
2 Qtr.	-11.8	-7.5	-18.9	4.1	-17.4	58.9
1/ 3 Qtr.	-13.4	-19.0	-3.8	32.0	35.1	28.4
1/ 4 Qtr.	-23.7	-26.4	-18.6	-3.5	-5.1	3.8
2016 1 Qtr.	23.7	36.5	7.5	-8.8	-23.5	26.8
2 Qtr.	-19.6	-21.8	-15.6	10.0	18.4	-2.3
3 Qtr.	19.8	15.3	26.3	-14.8	-21.4	-4.0

1/ Revised from previous QSER.

Source: Title Guaranty of Hawaii, Inc. based on Hawaii Department of Natural Resources, Bureau of Conveyances data. Calculations by Hawaii Department of Business, Economic Development & Tourism.

### III. TERMS AND DEFINITIONS

**Accommodation Jobs** – This industry provides lodging or short-term accommodations for travelers, vacationers, and others. Some provide lodging only; while others provide meals, laundry, and recreational facilities, as well as lodging. There are three industry groups: (1) traveler accommodation includes establishments that primarily provide traditional types of lodging services. This group includes hotels, motels, and bed and breakfast inns. (2) recreational accommodation includes establishments that operate lodging facilities primarily designed to accommodate outdoor enthusiasts. Included are travel trailer campsites, recreation vehicle parks, and outdoor adventure retreats; and (3) rooming and boarding houses includes establishments providing temporary or longer-term accommodations that for the period of occupancy may serve as a principal residence. Board (i.e., meals) may be provided but is not essential.

**Agriculture Wage and Salary Jobs** – Full- and part-time jobs for which payment was made by the employer in the survey week containing the 12th of the month. Includes farm jobs and machinery operators. Closely related management and services jobs are included for sugar and pineapple but are excluded for other types of agriculture.

**Airline Seat** – Total number of available seats from all direct flights to Hawaii, including scheduled and chartered flights.

**Arts, Entertainment & Recreation Jobs** – This industry includes a wide range of establishments that operate facilities or provide services to meet varied cultural, entertainment, and recreational interests of their patrons. This sector comprises (1) establishments that are involved in producing, promoting, or participating in live performances, events, or exhibits intended for public viewing; (2) establishments that preserve and exhibit objects and sites of historical, cultural, or educational interest; and (3) establishments that operate facilities or provide services that enable patrons to participate in recreational activities or pursue amusement, hobby, and leisure-time interests. Excluded from this sector are: (1) establishments that provide both accommodations and recreational facilities, such as hunting and fishing camps and resort and casino hotels; (2) restaurants and night clubs that provide live entertainment in addition to the sale of food and beverages, (3) motion picture theaters, libraries and archives, and publishers of newspapers, magazines, books, periodicals, and computer software; and (4) establishments using transportation equipment

to provide recreational and entertainment services, such as those operating sightseeing buses, dinner cruises, or helicopter rides.

**Average Daily Visitor Census- By Air** – Average number of visitors present daily in the state. Figures are computed monthly by the Research & Economic Analysis Division, DBEDT based on arrival and departure dates from ground and in-flight surveys.

**Average Length of Stay- By Air** – Number of days visitors are in the State including the day of arrival and of departure.

**Bankruptcy Filings** –

**Chapter 7** – Is available to both individuals and business debtors. Its purpose is to achieve a fair distribution to creditors of whatever non-exempt property the debtor has and to give the individual debtor a fresh start through the discharge in bankruptcy.

**Chapter 11** – Is available for both consumer and business debtors. Its purpose is to rehabilitate a business as a going concern or reorganize an individual's finances through a court-approved reorganization plan.

**Chapter 12** – Is designed to give special debt relief to a family farmer with regular income from farming.

**Chapter 13** – Is available for an individual with regular income whose debts do not exceed specific amounts, typically used to budget some of the debtor's future earnings under a plan through which creditors are paid in whole or in part.

**Additional information** may be found at the American Bankruptcy Institute "Bankruptcy Chapters" website <http://www.abiworld.org/media/chapters.html>

**Chained (1996) dollar Gross Domestic Product by State (GDP)** [Note: formerly called 'Gross State Product'] series are calculated (using national chain-type implicit price deflators) as the product of the chain-type quantity index and the 1996 current-dollar value of the corresponding series, divided by 100. Because the formula for the chain-type quantity indexes uses weights of more than one period, the corresponding chained-dollar estimates are usually not additive; that is, state totals usually do not add to regional totals or to U.S. totals, and regional totals usually do not add to U.S. totals.

**Civilian Employment** – Persons 16 years of age or older who, during the survey week containing the 12th of the month, were either at work for pay or profit, or

worked without pay for 15 hours or more on a family farm or business, or were with a job but not at work. Both permanent and temporary employees and those who are working either full- or part-time are included.

**Civilian Labor Force** – Total of employed and unemployed persons, excluding those in the armed forces and 16 years of age or under. U.S. Census Bureau does surveys for the U.S. Bureau of Labor Statistics.

**Civilian Unemployment** – Persons 16 years of age or older who (1) did not work at all during the survey week but were actively seeking work and were available for work; or (2) did not work at all, were available for work, and were waiting to be called back from layoff or were waiting to report to a new wage or salary job within 30 days.

**Condominium Resales:** Consists of resales of condominium, duplexes and townhomes that are entered in the Multiple Listing Service. It does not include apartments.

**Consumer Price Index: Honolulu or U.S.** – Measure of the average change in prices over time for a fixed market basket of goods and services. It is compiled by the U.S. Bureau of Labor Statistics. The index measures changes from a reference date, i.e., 1982-84, which is designated as 100.0. For example, a Honolulu CPI-U (where U refers to All Urban Consumers), All Items, of 171.5 as the annual average for 1998 indicates the average prices of that group's basket was 71.5 percent higher than the weighted average of those same goods and services in 1982-84. Data are published monthly for the U.S. and semi-annually for Honolulu. As of January 1998, BLS changed the reference basket based on 1982-84 consumer expenditures to a 1993-95 basket, but the base remains 1982-84 = 100.0. The BLS Internet site has more information about the CPI at <http://www.bls.gov/cpi/home.htm>.

**Contracting Tax Base** – The total receipts of businesses engaged in contracting to erect, construct, repair, or improve buildings or structures of any kind or description, or to make any installation therein. Attributed to any business engaging in the practice of architecture, engineering, land surveying, landscape architecture, and the practice of pest control or fumigation.

**Contributions for government social insurance** - New category as part of the 'BEA Comprehensive Revision of the National Income & Product Accounts released

in December 1999. Replaces 'Personal contributions for social insurance'. These contributions, which are subtracted in the calculation of personal income, consist of the contributions, or payments, by employees, by the self-employed, and by other individuals who participate in the following government programs: Old-age, survivors, and disability insurance (social security); hospital insurance; supplementary medical insurance; unemployment insurance; railroad retirement; veterans life insurance; and temporary disability insurance. These contributions are excluded from personal income by definition, but the components of personal income upon which these contributions are based—mainly wage and salary disbursements and proprietors' income—are presented gross of these contributions.

**Dividends, Interest, and Rent** – U.S. Bureau of Economic Analysis presents the State Personal Income estimates of these components together. It consists of income received by individuals and on behalf of individuals by private and government employee retirement plans and by quasi-individuals, including non-profit institutions and private trust funds administered by fiduciaries. Personal dividend income is payments in cash or other assets by corporations in the U.S. or abroad to noncorporate stockholders who are Hawaii residents. Personal interest income is the interest income (monetary and imputed) from all sources that is received by individuals, by private and government employee retirement plans, by nonprofit institutions, and by estates and trusts. Rental income of persons with capital consumption adjustment is the net current-production income of persons from the rental of real property except for the income of persons primarily engaged in the real estate business; the imputed net rental income received by owner-occupants of farm-dwellings; and the royalties received by persons from patents, copyrights, and rights to natural resources. The estimates include BEA adjustments for uninsured losses to real estate caused by disasters, such as hurricanes (e.g. Iniki in 1992) and floods. See [Personal Income](#).

**Earnings** – This BEA aggregate is the sum of three components of personal income: wages and salary disbursements, other labor income, and proprietors' income. BEA presents earnings because it can be used in analyses of regional economies as a proxy for the income generated from participation in current production. See [Personal Income](#).

**Educational Services Jobs** – This industry comprises establishments that provide instruction and training by specialized establishments, such as schools, colleges,

universities, and training centers. These establishments may be privately owned and operated for profit or not for profit, or they may be publicly owned and operated. They may also offer food and accommodation services to their students. Educational services are usually delivered by teachers or instructors that explain, tell, demonstrate, supervise, and direct learning, in diverse settings, such as educational institutions, the workplace, or the home through correspondence, television, or other means.

**Employer Contributions to Social Insurance** - New category as part of the 'BEA Comprehensive Revision of the National Income & Product Accounts released in December 1999. Replaces 'Other labor income'. This component of personal income consists of employer contributions for employee pension and insurance funds and of employer contributions for government social insurance. See [Personal Income](#).

**Federal Government Jobs** – Includes those in the civilian agencies, i.e. Department of Defense, Agriculture, United States Postal Service and the various armed services exchange systems.

**Financial Activities Jobs** – Establishments primarily engaged in financial transactions, i.e. those transactions involving the creation, liquidation, or change in ownership of financial assets, and/or in facilitating financial transactions. Three principal types of activities are identified: (1) raising funds by taking deposits and/or issuing securities and, in the process, incurring liabilities; (2) pooling of risk by underwriting insurance and annuities, (3) providing specialized services facilitating or supporting financial intermediation, insurance, and employee benefit programs. In addition, monetary authorities charged with monetary control are included in this sector. This also includes real estate and the rental and leasing sector which is comprised of establishments primarily engaged in renting, leasing, or otherwise allowing the use of tangible or intangible assets, and establishments providing related services. The major portion of this sector comprises establishments that rent, lease, or otherwise allow the use of their own assets by others. The assets may be tangible, as is the case of real estate and equipment, or intangible, as is the case with patents and trademarks. Excluded from this sector are real estate investment trusts (REITS) and establishments primarily engaged in renting or leasing equipment with operators. In many cases, such as the rental of heavy construction equipment, the operator is essential to operate the equipment.

**Food Services & Drinking Places Jobs** – These industries prepare meals, snacks, and beverages to

customer order for immediate on-premises and off-premises consumption. Some provide food and drink only; while others provide various combinations of seating space, waiter/waitress services and incidental amenities, such as limited entertainment. The industries are grouped based on the type and level of services provided, i.e. full-service restaurants; limited-service eating places; and special food services including caterers and mobile food services. Food services and drink activities at hotels and motels; amusement parks, theaters, casinos, country clubs, and similar recreational facilities; and civic and social organizations are included here only if these services are provided by a separate establishment primarily engaged in providing food and beverage services. Excluded are establishments operating dinner cruises which are classified as scenic and sightseeing transportation because those establishments utilize transportation equipment to provide scenic recreational entertainment.

**General Excise (Gross Income) Tax** – Tax charged to businesses on gross sales or gross income. The tax rate is 0.5 percent on wholesaling and intermediary services, blind vendors, producing, manufacturing, sugar processing and pineapple canning; all other activities (retailing, business and professional services, contracting, theater, amusement, radio, interest, commissions, rentals) are taxed at 4.0 percent, except insurance commissions to general agents, subagents and solicitors, who are taxed at 0.15 percent.

**General Excise and Use Tax Base** – The value of all goods and services sold, including the value of tangible personal property imported into Hawaii for own use or consumption. One of the most comprehensive measures of business activity in the state.

**General Fund Tax Revenues** – Receipts of the general excise and use tax, net individual and corporate income taxes comprise over 85 percent of the General Fund tax receipts. The general government fund used to account for all financial resources except those required to be accounted for in another fund, such as the highway, airport or capital improvement fund.

**Gross Domestic Product by State (GDP) [Note: formerly called 'Gross State Product']** – GDP is the value added in production by the labor and property located in a state. GDP for a state is derived as the sum of the GDP originating in all industries in the state. The estimates of real GDP are derived by applying national implicit price deflators by detailed industry to the current-dollar GDP estimates by

detailed industry. Then, in order to capture the differences across states that reflect the relative differences in the mix of goods and services that the states produce, the same chain-type index formula used in the national accounts is used to calculate the estimates of total real GDP and real GDP by major industry.

**Health Care & Social Assistance Jobs** – This industry includes establishments that provide both health care and social assistance for individuals. Both are included as it is sometimes difficult to distinguish between the boundaries of these two activities starting with those establishments providing medical care exclusively, continuing with those providing health care and social assistance, and finally finishing with those providing only social assistance. These services are delivered by trained professionals and the industries are defined based on the educational degree held by its practitioners. Excluded are aerobic classes and nonmedical diet and weight reducing centers. Although these can be viewed as health services, these services are not typically delivered by health practitioners.

**Honolulu Construction Cost Indexes: High-Rise or Single Family** – As compiled, by First Hawaiian Bank, and currently by DBEDT, these indexes measure changes in contractors' costs for building materials and labor. For discussion of Methodology, see [Hawaii's Economy May 2000](http://www.hawaii.gov/dbedt/hecon/he5-00/index.html) at <http://www.hawaii.gov/dbedt/hecon/he5-00/index.html>.

**Hotel Occupancy Rate** – The percentage of occupied rooms in a hotel. Hotel occupancy rates depend not only on the number of visitors and their length of stay, but also on the hotel room inventory, e.g., a large increase in new hotel units results in a drop in occupancy rates, until such time as visitor traffic builds up enough to fill them. Rates are obtained from a sample survey conducted on a monthly basis.

**Hotel Rental Tax Base** – is the economic base from which all hotel business activity is taxed. It includes the furnishing of temporary accommodations in a hotel, or other place in which lodgings are regularly furnished to transients for compensation.

**Implicit Price Deflator** – The implicit price deflator is calculated as the ratio of the current-dollar value to the corresponding chained-dollar value multiplied by 100. **OR** Implicit price deflators are weighted averages of the detailed price indexes used to prepare each aggregate and component and are calculated as the

ratio of current- to chained-dollar output multiplied by 100.

**Information Jobs** – Are in establishments engaged in the following processes: (a) producing and distributing information and cultural products, (b) providing the means to transmit or distribute these products as well as data or communications, and (c) processing data. Included are publishing industries, including software publishing, and both traditional publishing and publishing exclusively on the Internet; the motion picture and sound recording industries; the broadcasting industries, including traditional broadcasting and those broadcasting exclusively over the Internet; the telecommunications industries; the industries known as Internet service providers and web search portals, data processing industries, and the information services industries. For the purpose of developing NAICS, it is the transformation of information into a commodity that is produced and distributed by a number of growing industries that is at issue. The Information sector groups three types of establishments: (1) those engaged in producing and distributing information and cultural products; (2) those that provide the means to transmit or distribute these products as well as data or communications; and (3) those that process data. Many of the industries in the NAICS Information sector are engaged in producing products protected by copyright law, or in distributing them (other than distribution by traditional wholesale and retail methods). Examples are traditional publishing industries, software and directory and mailing list publishing industries, and film and sound industries. Broadcasting and telecommunications industries and information providers and processors are also included in the Information sector, because their technologies are so closely linked to other industries in the Information sector.

**Initial Agent Claims** – Notices of unemployment filed against another state by its workers who have moved to Hawaii.

**Initial Liable Claims** – Notices of unemployment filed against Hawaii by Hawaii workers who have moved to another state.

**Local Government Jobs** – Includes those in the county governments.

**Manufacturing Jobs** – Are in establishments engaged in the mechanical, physical, or chemical transformation of materials, substances, or components into new products. The assembling of component parts of manufactured products is considered manufacturing,



except in cases where the activity is appropriately classified as construction. Included in manufacturing are plants, factories, or mills and characteristically use power-driven machines and materials-handling equipment. However, establishments that transform materials or substances into new products by hand or in the worker's home and those engaged in selling to the general public products made on the same premises from which they are sold, such as bakeries, candy stores, and custom tailors, may also be included in this sector. Manufacturing establishments may process materials or may contract with other establishments to process their materials for them. Both types of establishments are included in manufacturing. The following activities are considered manufacturing in NAICS: milk or water bottling and pasteurizing; fresh fish packaging; printing and related activities; ready-mixed concrete production; ship repair and renovation; machine shops; and tire retreading. Conversely, there are activities that NAICS classifies as non-manufacturing, i.e. agriculture, forestry, fishing and hunting; the construction of structures and fabricating operations performed at the site of construction by contractors, establishments engaged in breaking of bulk and redistribution in smaller lots, including packaging, repackaging, or bottling products, customized assembly of computers, etc

**NAICS** – The North American Industry Classification System (NAICS) has replaced the U.S. Standard Industrial Classification (SIC) system. NAICS was developed jointly by the U.S., Canada, and Mexico to provide new comparability in statistics about business activity across North America. Estimates of Personal Income earnings, wage and salary disbursements, and employment by NAICS subsector are available starting with 2001. For descriptions of NAICS industries, please see <http://www.census.gov/epcd/www/naics.html> at the Census Bureau.

**Natural Resources, Mining & Construction Jobs** – In Hawaii, 99 percent of the jobs in this category are in Construction and the remaining 1 percent in Mining. Included are those establishments that extract naturally occurring mineral solids, such as coal and ores; liquid minerals, such as crude petroleum; and gases, such as natural gas. There are two activities: mine operation and mining support activities. The construction sector comprises establishments primarily engaged in the construction of buildings or engineering projects (e.g., highways and utility systems), additions, alterations, or maintenance and repairs. Establishments primarily engaged in the preparation of sites for new construction and establishments primarily engaged in

subdividing land for sale as building sites also are included in this sector.

**Net Earnings** – BEA also calculates this measure as Earnings less Personal Contributions for Social Insurance. Net earnings is used in the presentation of State and local area personal income as the sum of net earnings, transfer payments, and personal dividend income, personal interest income, and rental income of persons. It can be used as a proxy for income before taxes. See [Personal Income](#).

**Net Individual or Corporation Income Tax Revenue** – For individuals, it is calculated as declaration of estimated taxes plus payments with returns plus withholding tax on wages less refunds. Net corporate income tax revenue is calculated as declarations of estimated taxes plus payments with returns less refunds.

**Non-Agriculture Wage and Salary Jobs** – Derived monthly from a sample survey of employers reporting the number of persons who received pay for any part of the pay period containing the 12th of the month. Includes all full- and part-time non-agricultural workers, permanent and temporary workers, and workers on paid sick leave and paid vacation.

**Other Goods and Services** – Honolulu Consumer Price Index component detail. Prior to the CPI 1998 Revision, it measured the change in average prices of tobacco products, personal care goods and services, and personal and educational expenditures. Beginning with January 1998 data, this category includes tobacco, personal care, and miscellaneous goods and services. Other components, for example, schoolbooks and tuition, moved to the new “Education and Communication” and recreational reading to “Recreation”. BLS’ *Monthly Labor Review* (December 1996), and BLS’ Internet site have more information about the CPI at <http://www.bls.gov/cpi/>.

**Other Labor Income** – See [Employer Contributions to Social Insurance](#)’.

**Other Services (except public administration) Jobs** – Are in establishments engaged in providing services not specifically provided for elsewhere in the classification system., such as equipment and machinery repairing, promoting or administering religious activities, grantmaking, advocacy, and providing drycleaning and laundry services, personal care services, death care services, pet care services, photofinishing services, temporary parking services, and dating services. Private households that engage in employing workers on or about the premises in

activities primarily concerned with the operation of the household are included in this sector. Excluded from this sector are establishments primarily engaged in retailing new equipment and also performing repairs and general maintenance on equipment

**Personal Contributions for Social Insurance** – See [‘Contributions for government social insurance’](#).

**Personal current transfer receipts** – Modified category as part of the ‘BEA Comprehensive Revision of the National Income & Product Accounts’ released in December 1999. Formerly ‘Transfer Payments’. This component of personal income is payments to persons for which no current services are performed. It consists of payments to individuals and to nonprofit institutions by Federal, state, and local governments and by businesses. Government payments to individuals includes retirement and disability insurance benefits, medical payments (mainly Medicare and Medicaid), income maintenance benefits, unemployment insurance benefits, veterans benefits, and Federal grants and loans to students. Government payments to nonprofit institutions excludes payments by the Federal Government for work under research and development contracts. Business payments to persons consists primarily of liability payments for personal injury and of corporate gifts to nonprofit institutions.

**Personal Income** – Income received by persons for participation in production, from government and business transfer payments, and from government interest. It is calculated as the sum of wage & salary disbursements, supplements to wages and salaries, proprietors’ income with inventory valuation and capital consumption adjustments, rental income of persons with capital consumption adjustment, personal dividend income, personal interest income, and personal current transfer receipts, less contributions for government social insurance. For additional information see <http://www.bea.doc.gov/bea/regional/spi/>

**Professional & Business Services Jobs** – Are in establishments that specialize in performing professional, scientific, and technical activities for others and require a high degree of expertise and training. These activities include: legal advice and representation; accounting, bookkeeping, and payroll services; architectural, engineering, and specialized design services; computer services; consulting services; research services; advertising services; photographic services; translation and interpretation services; veterinary services; and other professional, scientific, and technical services to business and sometimes to households, but excludes establishments

primarily engaged in providing a range of day-to-day office administrative services, such as financial planning, billing and recordkeeping, personnel, and physical distribution and logistics. The management sector comprises establishments that hold the securities of companies and enterprises for the purpose of owning a controlling interest or influencing management decisions or establishments that administer, oversee, and manage establishments of the company or enterprise and that normally undertake the strategic or organizational planning and decisionmaking role of the company or enterprise. Establishments in this sector perform essential activities that are often undertaken, in-house, by establishments in many sectors of the economy but by consolidating the performance of these activities, economies of scale are achieved. Also included are establishments that perform routine support activities, such as office administration, hiring and placing of personnel, document preparation and similar clerical services, solicitation, collection, security and surveillance services, cleaning, and waste disposal services on a contract or fee basis.

**Proprietors’ Income** – This component of BEA Personal income is the current-production income (including income in kind) of sole proprietorships, partnerships and cooperatives. Corporate directors’ fees and the imputed net rental income of owner-occupants of farm dwellings is included in proprietors’ income but the imputed net rental income of owner-occupants of nonfarm dwellings is included in rental income of persons. Proprietors’ income excludes dividends and monetary interest received by nonfinancial business and rental incomes by persons not primarily engaged in the real estate business; these incomes are included in dividends, net interest, and rental income of personas, respectively. See [Personal Income](#).

**Retail Tax Base** – includes the general excise tax base on retailing. Retail sales include sales for consumption or use by the purchaser and not for resale. The general excise tax at the retail level (4%) is sometimes loosely called a sales tax. However, it differs from a typical sales tax in two respects: (1) it is a tax on the gross income of the seller rather than a tax on the purchase price of the buyer; (2) the retail excise tax in Hawaii applies to all retail sales (both goods and services) whereas most Mainland sales taxes exempt some commodities such as food and services.

**Retail Trade Jobs** – Are in establishments engaged in retailing merchandise, generally without transformation, and rendering services incidental to the sale of merchandise. The retailing process is the final step in the distribution of merchandise; retailers

are, therefore, organized to sell merchandise in small quantities to the general public. This sector comprises two main types of retailers: store and nonstore retailers. Store retailers operate fixed point-of-sale locations, located and designed to attract a high volume of walk-in customers where they have extensive displays of merchandise and use mass-media advertising to attract customers from the general public for personal or household consumption, but some also serve business and institutional clients. These include establishments such as office supply stores, computer and software stores, building materials dealers, plumbing supply stores, and electrical supply stores. Catalog showrooms, gasoline services stations, automotive dealers, and mobile home dealers are treated as store retailers. Generally, establishments engaged in retailing merchandise and providing after-sales services are classified in this sector. Nonstore retailers are also organized to serve the general public, but they reach customers and market merchandise with methods, such as the broadcasting of "infomercials," the broadcasting and publishing of direct-response advertising, the publishing of paper and electronic catalogs, door-to-door solicitation, in-home demonstration, selling from portable stalls (street vendors, except food), and distribution through vending machines.

**Services Tax Base** – includes tax base data on establishments primarily engaged in providing a wide variety of services for individuals, business and government establishments, and other organizations; hotels and other lodging places; establishments providing personal, business, repair, and amusement services; health, legal, engineering, and other professional services; educational institutions; membership organizations and other miscellaneous services.

**Single Family Home Resales:** Consists of resales of single family homes that are entered in the Multiple Listing Service.

**State Government Jobs – Education** includes all employees under the Department of Education (DOE) and the University of Hawaii System. This includes public library personnel, substitute teachers who received pay during the pay period including the 12th of the month, and support personnel such as cafeteria workers, classroom cleaners, and school security attendants. Also included are part-time employees in special programs such as the A+ After School.

**State Government Jobs – Non-Education** - Includes all other executive branch departments (i.e. Agriculture, Transportation, etc.), the legislative and judicial

branches, and the Research Corporation of the University of Hawaii (RCUH).

**Total Wage and Salary Jobs** – includes nonagricultural wage and salary workers and agriculture wage and salary workers. Persons on the payroll of more than one establishment during the pay period are counted in each establishment that reports them.

**Transfer Payments** – See [Personal current transfer receipts](#).

**Transient Accommodations Tax** – Tax levied on resort time-share vacation units and the furnishing of a room, apartment, suite which is customarily occupied by a person or group for fewer than 180 consecutive days by a hotel, apartment, motel, or cooperative apartment, rooming house, or other place in which lodgings are generally furnished to transients. The tax as of January 1, 1999 is imposed at the rate of 7.25 percent and the tax base includes time-share units.

**Transportation, Warehousing, & Utilities Jobs** – Are in industries providing transportation of passengers and cargo, warehousing and storage for goods, scenic and sightseeing transportation, and support activities related to modes of transportation - air, rail, water, road, and pipeline. The sector distinguishes subsectors for each mode of transportation, a subsector for warehousing and storage, and a subsector for establishments providing support activities for transportation. In addition, there are subsectors for establishments that provide passenger transportation for scenic and sightseeing purposes, postal services, and courier services. Warehousing establishments in this sector are distinguished from merchant wholesaling in that the warehouse establishments do not sell the goods. Excluded are establishments primarily engaged in providing travel agent services that support transportation and other establishments, such as hotels, businesses, and government agencies. The Utilities sector comprises establishments engaged in the provision of the following utility services: electric power, natural gas, steam supply, water supply, and sewage removal. Within this sector, the specific activities associated with the utility services provided vary by utility: electric power includes generation, transmission, and distribution; natural gas includes distribution; steam supply includes provision and/or distribution; water supply includes treatment and distribution; and sewage removal includes collection, treatment, and disposal of waste through sewer systems and sewage treatment facilities. Excluded from this sector are establishments primarily engaged in waste

management services that do not use sewer systems or sewage treatment facilities.

**Unallocated General Excise & Use Tax Revenues** – General excise and use tax revenues that could not be allocated to specific activities of the general excise & use tax. It also includes collections from penalty and interest, assessments and corrections, delinquent collections, refunds, protested payments, settlements, etc.

**Unemployment Rate** – Ratio of unemployed persons to the civilian labor force expressed as a percentage.

**Use Tax** – Excise tax levied on tangible personal property that is imported or purchased from an unlicensed seller for use in the state. The tax is based upon the purchase price or value of the tangible personal property purchased or imported, whichever is applicable. Rates: 0.5 percent, if for resale at retail; 4.0 percent, if for use or consumption.

**Visitor Arrivals- By Air, Total** – All persons who stayed in Hawaii for a period between one night and one year.

**Domestic Visitor Arrivals** – Visitors who stayed in Hawaii for at least one night but less than one year, arriving on flights from Mainland U.S. A foreign resident arriving in Hawaii on a flight directly from the U.S. Mainland is counted as a domestic visitor.

**International Visitor Arrivals** – Visitors who stayed in Hawaii for at least one night but less than one year arriving on flights from foreign countries. An U.S. resident arriving in Hawaii on a flight directly from a foreign country is counted as an international visitor.

**Visitor Days** – Measures the number of days visitors stay in the State and are the most comprehensive measurement of visitations. Visitor days take into account both the number of visitors and their length of stay and is the main indicator used by most of the tourism-related businesses to plan their activities.

**Wages and Salary Disbursements**– This component of Personal Income consists of the monetary remuneration of employees, including the compensation of corporate officers; commissions, tips, and bonuses; and receipts in kind, or pay-in-kind, such as the meals furnished to the employees of restaurants. It reflects the amount of wages and salaries disbursed, but not necessarily, earned during the year. See [Personal Income](#).

**Wholesale Trade Jobs** – Are in establishments engaged in wholesaling merchandise, generally without transformation, and rendering services incidental to the sale of merchandise and includes the outputs of agriculture, mining, manufacturing, and certain information industries, such as publishing. It is an intermediate step in the distribution of merchandise. Wholesalers are organized to sell or arrange the purchase or sale of goods for resale, capital or durable nonconsumer goods, and raw and intermediate materials and supplies used in production. Wholesalers sell merchandise to other businesses and normally operate from a warehouse or office that have little or no display of merchandise and do not solicit walk-in traffic. Transactions are often conducted between wholesalers and clients that have long-standing business relationships. There are two main types: merchant wholesalers that sell goods on their own account and business to business electronic markets, agents, and brokers that arrange sales and purchases for others generally for a commission or fee.