

# ***QUARTERLY STATISTICAL & ECONOMIC REPORT, Executive Summary 1st Quarter 2014***

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DBEDT

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



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 February 20, 2014.

#### 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://www.hawaii.gov/dbedt/>.

Printing of the *QSER* was discontinued in March 2000. The full version and a *QSER Executive Summary* will be available on-line at [http://www.hawaii.gov/dbedt/info/economic/data\\_reports/qser/](http://www.hawaii.gov/dbedt/info/economic/data_reports/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 fourth quarter of 2013. Government contracts awarded, wage and salary jobs, personal income, and State general fund tax revenues increased in the quarter as compared to the same quarter of 2012. However, visitor arrivals, average daily visitor census, visitor expenditures, private building permits, and State CIP expenditures decreased.

After a strong growth in 2012, Hawaii's tourism sector turned to a negative growth in the fourth quarter of 2013 compared to the same quarter of 2012. The total number of visitors arriving by air to Hawaii decreased 2.9 percent. The increase in international visitor arrivals was more than offset by the decrease in domestic visitor arrivals in the quarter. Due to shorter lengths of stay, the daily visitor census decreased 3.2 percent in the quarter. Since visitors spent less on a daily basis during the fourth quarter, total visitor spending by air decreased 3.9 percent in the quarter.

In construction, the government contracts awarded increased, but the value of private building permits and State CIP expenditures decreased. In the fourth quarter of 2013, government contracts awarded increased \$15.6 million; but the permit value for private construction decreased \$64.3 million compared to the same quarter of 2012. In the fourth quarter of 2013, the construction sector added 1,400 jobs or 4.5 percent compared with the same quarter of 2012. According to the most recent data available, current construction put-in-place based on excise tax data decreased \$13.5 million or 0.7 percent in the third quarter of 2013 compared with the same quarter of 2012.

In the fourth quarter of 2013, State general fund tax revenues were up \$14.6 million or 1.2 percent over the same period of 2012. As an indicator of current economic activity, state general excise tax revenue increased \$3.2 million or 0.5 percent in the fourth quarter of 2013 compared to the same quarter of 2012. In 2013, State general fund tax revenues increased \$191.8 million or 3.6 percent, and state general excise tax revenue increased \$62.9 million or 2.2 percent, compared with the previous year.

The labor market conditions also show that the economy is improving. After ten consecutive quarterly decreases in jobs from the second quarter of 2008 to the third quarter of 2010, Hawaii's jobs increased for the 13<sup>th</sup> time. In the fourth quarter of 2013 Hawaii's civilian non-agricultural wage and salary jobs averaged 623,650 jobs, an increase of 7,250 jobs or 1.2 percent from the same quarter of 2012.

The job increase in the fourth quarter of 2013 was due to job increases in the private sector. In this quarter, the private sectors added about 9,400 non-agricultural jobs compared to the fourth quarter of 2012. Jobs increased the most in Food Services and Drinking Places (added 2,800 jobs or 4.8 percent); followed by Other Services (added 1,500 jobs or 5.7 percent), Natural Resources, Mining, and Construction (added 1,400 jobs or 4.5 percent), Accommodation (added 1,150 jobs or 3.0 percent), and Professional & Business Services (added 900 jobs or 1.2 percent). Only Information lost 50 jobs compared to the same quarter of 2012. During the fourth quarter of 2013, the three levels of government combined lost 2,150 jobs or 1.7 percent compared to the same quarter of 2012. The Federal Government lost 1,400 jobs; the State Government lost 900 jobs, while Local Government added 150 jobs.

The most recent data from the U.S. Bureau of Economic Analysis (BEA) shows that Hawaii's total nominal annualized personal income in the third quarter of 2013 increased \$2,543.4 million or 4.1 percent from the same quarter of 2012. This increase includes inflation so that the growth of real personal income was smaller. The increase in nominal personal income during the third quarter of 2013 was due to increases in all major components of personal income. In dollar terms, the largest increases occurred in wage and salary disbursements, followed by dividends, interest, and rent, personal current transfer receipts, proprietors' income, and supplements to wage and salaries, which include retirement and unemployment insurance benefits. For the first three quarters of 2013, total annualized personal income was \$63,934.1 million, increased 3.4 percent from the same period last year.

According to the most recent data available, consumer prices in Honolulu increased 1.7 percent in the second half of 2013 compared with the same period of 2012, as measured by the Honolulu Consumer Price Index for Urban Consumers (CPI-U). By contrast, the U.S. CPI-U increased 1.4 percent in the second half of 2013. In 2013, the Honolulu CPI-U increased 1.8 percent from the previous year and the U.S. increased 1.5 percent.

The higher Honolulu CPI-U in the second half of 2013 was primarily due to relatively large increases in the price index of Medical Care (3.6 percent), followed by Food & Beverages (2.9 percent), Recreation (2.4 percent), Transportation (1.8 percent), Other Goods and Services (1.7 percent), Housing (1.3 percent), and Education and Communication (1.3 percent). The price of Apparel decreased 1.7 percent, compared to the second half of 2012.

**Table 1. 2013 QUARTERLY ECONOMIC INDICATORS:  
STATE OF HAWAII**

SERIES	4th QUARTER			YEAR-TO-DATE		
	2012	2013	% CHANGE YEAR AGO	2012	2013	% CHANGE YEAR AGO
Civilian labor force, NSA (persons) 1/	650,200	652,750	0.4	651,600	648,500	-0.5
Civilian employed, NSA	617,000	623,550	1.1	613,700	618,100	0.7
Civilian unemployed, NSA	33,200	29,150	-12.2	37,900	30,350	-19.9
Unemployment rate, NSA (%) 1/ 2/	5.1	4.5	-0.6	5.8	4.7	-1.1
Total wage and salary jobs, NSA	623,800	630,650	1.1	612,150	619,750	1.2
Total non-agric. wage & salary jobs	616,400	623,650	1.2	605,350	613,250	1.3
Nat. Resources, Mining, Constr.	31,000	32,400	4.5	29,500	32,000	8.5
Manufacturing	13,450	13,750	2.2	13,300	13,300	0.0
Wholesale Trade	18,050	18,050	0.0	17,700	18,000	1.7
Retail Trade	70,200	70,550	0.5	68,600	68,350	-0.4
Transp., Warehousing, Util.	29,000	29,250	0.9	28,300	29,050	2.7
Information	8,300	8,250	-0.6	8,300	8,300	0.0
Financial Activities	27,350	27,500	0.5	27,000	27,200	0.7
Professional & Business Services	76,950	77,850	1.2	76,350	77,250	1.2
Educational Services	15,050	15,050	0.0	14,800	14,600	-1.4
Health Care & Social Assistance	62,850	63,000	0.2	61,900	62,750	1.4
Arts, Entertainment & Recreation	11,350	11,850	4.4	11,200	11,650	4.0
Accommodation	37,800	38,950	3.0	37,550	38,300	2.0
Food Services & Drinking Places	58,650	61,450	4.8	58,250	60,000	3.0
Other Services	27,300	28,850	5.7	26,350	27,950	6.1
Government	129,100	126,950	-1.7	126,300	124,600	-1.3
Federal	35,050	33,650	-4.0	34,900	33,800	-3.2
State	75,650	74,750	-1.2	72,850	72,200	-0.9
Local	18,400	18,550	0.8	18,500	18,650	0.8
Agriculture wage and salary jobs	7,400	7,000	-5.4	6,800	6,500	-4.4
State general fund revenues (\$1,000)	1,269,193	1,283,812	1.2	5,258,712	5,450,483	3.6
General excise and use tax revenues	691,117	694,316	0.5	2,844,741	2,907,622	2.2
Income-individual	433,030	424,084	-2.1	1,651,212	1,745,612	5.7
Declaration estimated taxes	44,505	30,299	-31.9	395,376	477,900	20.9
Payment with returns	21,552	27,718	28.6	134,935	156,079	15.7
Withholding tax on wages	395,651	404,938	2.3	1,508,876	1,583,469	4.9
Refunds ('-' indicates relative to State)	-28,678	-38,872	35.5	-387,976	-471,837	21.6
Transient accommodations tax	77,389	86,149	11.3	343,780	384,721	11.9
Honolulu County Surcharge 3/	46,183	(NA)	(NA)	181,580	(NA)	(NA)
Private Building Permits (\$1,000)	753,236	688,977	-8.5	2,643,840	2,720,519	2.9
Residential	245,126	225,176	-8.1	837,170	1,024,977	22.4
Commercial & industrial	83,300	76,468	-8.2	271,125	296,522	9.4
Additions & alterations	424,810	387,332	-8.8	1,535,545	1,399,021	-8.9
Visitor Days - by air	18,564,235	17,961,803	-3.2	73,663,903	74,503,629	1.1
Domestic visitor days - by air	13,702,493	13,019,417	-5.0	54,492,680	54,683,846	0.4
International visitor days - by air	4,861,742	4,942,385	1.7	19,171,224	19,819,791	3.4
Visitor arrivals by air - by air	1,979,748	1,921,726	-2.9	7,867,143	8,064,292	2.5
Domestic flight visitors - by air	1,343,442	1,254,260	-6.6	5,403,025	5,427,859	0.5
International flight visitors - by air	636,306	667,466	4.9	2,464,118	2,636,433	7.0
Hotel occupancy rates (%) 2/	74.5	72.0	-2.4	76.9	76.2	-0.7
Visitor expend. - arrivals by air (\$Mil.)	3,659	3,518	-3.9	14,193	14,485	2.1

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.

2/24/2014

## OUTLOOK FOR THE ECONOMY

Based on the most recent development in the national and global economy, the performance of Hawaii's tourism industry, the labor market conditions, and growth of personal income and tax revenues, Hawaii's economy is expected to continue positive growth at above 2.0 percent level between 2014 and 2017. Overall, the current DBEDT forecast is slightly less optimistic compared with the previous forecast.

Hawaii's economy depends significantly on conditions in the U.S. economy and key international economies, especially Japan. According to the February 2014 *Blue Chip Economic Consensus Forecasts*, U.S. real GDP is expected to increase by 2.9 percent in 2014 as a whole, 0.4 of a percentage point higher than the 2.5 percent growth rate projected in the November 2013 forecast. For 2015, the consensus forecast now expects an overall 3.0 percent growth in U.S. real GDP.

Forecasts for Japan were slightly less optimistic for 2014 in the February 2014 *Blue Chip Economic Consensus Forecasts*. Real GDP growth for Japan is now expected to increase 1.7 percent in 2014, 0.1 of a percentage point lower than the 1.8 percent growth rate projected in the November 2013 forecast. For 2015, the consensus forecast now expects an overall 1.4 percent growth in Japanese real GDP.

For the local economy, DBEDT expects some of the economic indicators will grow at slower rates than those in the previous forecast.

Overall, Hawaii's economy, measured by real GDP, is projected to show a 2.6 percent increase in 2014, 0.2 of a percentage point lower than the growth rate forecasted last quarter. Real GDP growth in 2015 is expected to be 2.2 percent, 0.3 of a percentage point lower than the growth rate forecasted last quarter.

Hawaii's unemployment rate is projected to be 4.2 percent in 2014 and 4.0 percent in 2015.

Visitor arrivals are expected to increase 1.7 percent in 2014, one percentage point below the previous forecast. The forecast for visitor days in 2014 was lowered from 2.8 percent to 1.8 percent. The forecast for visitor expenditures in 2014 has been revised downward to 3.4 percent, from 4.2 percent growth projected in the previous forecast. For 2015, the growth rates of visitor arrivals, visitor days, and visitor expenditures are now expected to be 2.0 percent, 1.9 percent, and 4.9 percent, respectively.

The projection for non-agricultural wage and salary job growth rate in 2014 is 1.4 percent, 0.4 of a percentage point below the previous forecast. In 2015, jobs are projected to increase 1.5 percent, 0.2 of a percentage point below the previous forecast.

The Honolulu Consumer Price Index (CPI), which increased 1.8 percent in 2013, is now expected to increase 2.1 percent in 2014, same as the previous forecast. In 2015, the CPI is projected to increase 2.5 percent.

Personal income in current dollars is now expected to increase 5.0 percent in 2014, 0.5 of a percentage point lower than the previous forecast. The real personal income is currently projected to grow 2.8 percent in 2014, 0.5 of a percentage point lower than the previous forecast. In 2015, current-dollar personal income and real personal income are expected to increase 5.3 percent and 2.7 percent, respectively.

Beyond 2015, the economy will be on the normal growth path with job growth expected to increase 1.4 percent in 2016 and 1.3 percent in 2017. Visitor arrivals are expected to increase 1.8 percent in both 2016 and 2017. Visitor expenditures are expected to increase 4.5 percent in both 2016 and 2017. Real personal income is projected to increase 2.4 percent in both 2016 and 2017. Hawaii's real GDP growth is expected to increase 2.3 percent in 2016 and 2.2 percent in 2017. The unemployment rate is expected to be 3.8 percent in 2016 and 3.5 percent in 2017.

**ACTUAL AND FORECAST KEY ECONOMIC INDICATORS FOR HAWAII:  
2012 TO 2017**

Economic Indicators	2012	2013	2014	2015	2016	2017
	(Actual)		(Forecast)			
Total population (thousands)	1,390	1,404	1,418	1,432	1,447	1,461
Visitor arrivals (thousands) 1/	8,029	8,236	8,376	8,539	8,696	8,857
Visitor days (thousands) 1/	74,519	75,396	76,769	78,265	79,697	81,165
Visitor expenditures (million dollars) 1/	14,365	14,654	15,153	15,897	16,613	17,352
Honolulu CPI-U (1982-84=100)	249.5	254.0	259.4	265.8	273.8	282.0
Personal income (million dollars) 2/	62,330	64,823	68,064	71,671	75,613	79,772
Real personal income (millions of 2000\$) 3/	44,047	45,007	46,285	47,549	48,703	49,886
Non-agricultural wage & salary jobs (thousands)	605.3	613.3	621.5	630.9	639.7	648.0
Civilian unemployment rate	5.8	4.7	4.2	4.0	3.8	3.5
Gross domestic product (million dollars) 4/	72,424	75,497	79,017	82,411	86,119	89,906
Real gross domestic product (millions of 2005\$) 4/	61,877	63,362	65,009	66,440	67,968	69,463
Gross domestic product deflator (2005=100) 4/	117.0	119.2	121.5	124.0	126.7	129.4
<b>Annual Percentage Change</b>						
Total population	1.0	1.0	1.0	1.0	1.0	1.0
Visitor arrivals	10.0	2.6	1.7	2.0	1.8	1.8
Visitor days	8.8	1.2	1.8	1.9	1.8	1.8
Visitor expenditures	17.9	2.0	3.4	4.9	4.5	4.5
Honolulu CPI-U	2.4	1.8	2.1	2.5	3.0	3.0
Personal income	3.7	4.0	5.0	5.3	5.5	5.5
Real personal income	1.3	2.2	2.8	2.7	2.4	2.4
Non-agricultural wage & salary jobs	1.9	1.3	1.4	1.5	1.4	1.3
Civilian unemployment rate 5/	-0.7	-1.1	-0.5	-0.2	-0.2	-0.3
Gross domestic product	3.5	4.2	4.7	4.3	4.5	4.4
Real gross domestic product	1.6	2.4	2.6	2.2	2.3	2.2
Gross domestic product deflator (2005=100)	1.8	1.8	2.0	2.1	2.2	2.2

1/ Visitors who came to Hawaii by air or by cruise ship.

2/ The 2013 values are estimated based on actual values in the first three quarters of 2013.

3/ DBEDT calculated using BEA estimate of nominal personal income deflated by U.S. Bureau of Labor Statistics Honolulu CPI-U.

4/ The 2013 value is estimated by DBEDT.

5/ Absolute change from previous year.

Source: Hawaii State Department of Business, Economic Development & Tourism, February 20, 2014.

## COUNTY ECONOMIC CONDITIONS

Overall economic conditions were mixed across counties in the fourth quarter of 2013. The unemployment rate decreased in all counties and total non-agricultural wage and salary jobs increased in all counties. However, total visitor arrivals by air decreased in all counties. Decreases in the value of private building permits in Honolulu more than offset the increases of private building permits in the neighbor island counties in the quarter.

In the fourth quarter of 2013, the unemployment rate in all counties decreased. The unemployment rate in Honolulu decreased 0.5 percentage points from 4.5 percent to 4.1 percent; the unemployment rate in Maui County decreased 0.7 percentage points from 5.5 percent to 4.8 percent; the unemployment rate in Hawaii County decreased 1.1 percentage points from 7.2 percent to 6.1 percent; and the unemployment rate in Kauai County decreased 1.0 percentage points from 6.4 percent to 5.4 percent.

In the fourth quarter of 2013, Honolulu gained 3,200 or 0.7 percent non-agricultural wage and salary jobs over the same quarter of 2012. Natural Resources, Mining, and Construction added the most jobs in the quarter (1,650 jobs), followed by Professional and Business Services (1,350 jobs), Food Services and Drinking Places (850 jobs), Transportation, Warehousing, and Utility (650 jobs), Health Care & Social Assistance (550 jobs), and Manufacturing (400 jobs). The Government sector lost 1,800 jobs. The largest private sector job losses occurred in Retail Trade (lost 600 jobs), followed by Information (lost 350 jobs).

In the fourth quarter of 2013, Hawaii County gained 850 non-agricultural wage and salary jobs or 1.4 percent from the same quarter of 2012. Food Services and Drinking Places added the most jobs in the quarter (450 jobs), followed by Other Services (400 jobs), and Retail Trade (250 jobs). Job losses were largest in Transportation, Warehousing, and Utility (lost 250 jobs), followed by Financial Activities (lost 100 jobs), and Arts, Entertainment & Recreation (lost 100 jobs). In the fourth quarter of 2013, Government lost 150 jobs.

Maui County saw a net gain of 2,100 jobs or 3.1 percent increase in the fourth quarter of 2013 from the same quarter of 2012. Job gains in Food Services and Drinking Places (950 jobs), Accommodation (800 jobs), and Other Services (600 jobs) exceeded job losses in Professional and Business Services (lost 200 jobs), Manufacturing (lost 150 jobs), and Natural Resources, Mining, and Construction (lost 150 jobs). Government lost 250 jobs in the quarter.

In the fourth quarter of 2013, Kauai County gained 1,100 wage and salary jobs or 3.9 percent from the same quarter of 2012. Food Services and Drinking Places added 500 jobs, followed by Accommodation (250 jobs), Other Services (200 jobs), and Retail Trade (150 jobs). Professional and Business Services lost 300 jobs. In this quarter, Government gained 50 jobs.

In the fourth quarter of 2013, visitor arrivals by air decreased in all counties. Visitor arrivals by air decreased 1.2 percent in Honolulu, 8.4 percent in Hawaii County, 1.6 percent in Maui, and 2.3 percent in Kauai. Visitor days increased 2.0 percent in Maui, 0.9 percent in Kauai, but decreased 7.5 percent in Honolulu and 1.8 percent in Hawaii County, compared to the same quarter of 2012. In the fourth quarter of 2013, the hotel occupancy rate decreased in all counties except Kauai. The hotel occupancy rate was the highest in Honolulu (at 79.7 percent and decreased 2.3 percentage points in the quarter), followed by Kauai (at 64.6 percent and gained 1.0 percentage point in the quarter), Maui (at 67.4 percent and lost 3.0 percentage points in the quarter), and Hawaii County (at 57.1 percent and lost 4.2 percentage points in the quarter).

In the fourth quarter of 2013, the growth rate of the value of total private building permits was negative in Honolulu, but positive in all other counties. In this quarter, private building permits decreased \$102.0 million or 18.0 percent in Honolulu; increased \$17.3 million or 15.4 percent in Hawaii County; increased \$11.5 million or 19.9 percent in Maui; and increased \$9.1 million or 53.5 percent in Kauai from the same quarter of the previous year.



**Table 2. 2013 QUARTERLY ECONOMIC INDICATORS:  
CITY AND COUNTY OF HONOLULU**

SERIES	4th QUARTER			YEAR-TO-DATE		
	2012	2013	% CHANGE YEAR AGO	2012	2013	% CHANGE YEAR AGO
Civilian labor force, NSA (persons) 1/	458,050	460,700	0.6	458,000	455,700	-0.5
Civilian employed	437,100	442,000	1.1	434,350	436,550	0.5
Civilian unemployed	20,950	18,700	-10.7	23,650	19,200	-18.8
Unemployment rate, NSA (%) 1/ 2/	4.5	4.1	-0.5	5.2	4.2	-0.9
Total wage and salary jobs	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Total non-agric. wage & salary jobs	456,650	459,850	0.7	448,000	452,150	0.9
Nat. Resources, Mining, Constr.	23,200	24,850	7.1	22,250	24,500	10.1
Manufacturing	10,850	11,250	3.7	10,700	10,900	1.9
Wholesale Trade	14,550	14,300	-1.7	14,250	14,250	0.0
Retail Trade	48,800	48,200	-1.2	47,250	46,850	-0.8
Transp., Warehousing, Util.	21,050	21,700	3.1	20,450	21,350	4.4
Information	7,100	6,750	-4.9	6,900	6,900	0.0
Financial Activities	20,650	20,850	1.0	20,500	20,650	0.7
Professional & Business Services	62,150	63,500	2.2	61,750	62,850	1.8
Educational Services	12,550	12,550	0.0	12,350	12,250	-0.8
Health Care & Social Assistance	48,700	49,250	1.1	48,000	48,700	1.5
Arts, Entertainment & Recreation	6,950	7,150	2.9	6,700	7,050	5.2
Accommodation	16,850	16,750	-0.6	16,650	16,650	0.0
Food Services & Drinking Places	40,950	41,800	2.1	40,500	40,900	1.0
Other Services	20,750	21,100	1.7	20,500	20,750	1.2
Government	101,600	99,800	-1.8	99,350	97,750	-1.6
Federal	32,200	30,950	-3.9	32,050	31,050	-3.1
State	57,500	56,750	-1.3	55,300	54,600	-1.3
Local	11,900	12,100	1.7	12,000	12,100	0.8
Agriculture wage and salary jobs	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
General excise & use tax rev. (\$1,000)	600,351	(NA)	(NA)	2,440,436	(NA)	(NA)
Income-individual	385,466	(NA)	(NA)	1,477,712	(NA)	(NA)
Declaration estimated taxes	35,781	(NA)	(NA)	326,010	(NA)	(NA)
Payment with returns	15,803	(NA)	(NA)	97,005	(NA)	(NA)
Withholding tax on wages	355,242	(NA)	(NA)	1,352,292	(NA)	(NA)
Refunds	-21,360	(NA)	(NA)	-297,595	(NA)	(NA)
Transient accommodations tax	56,137	(NA)	(NA)	243,557	(NA)	(NA)
Honolulu County Surcharge 3/	45,521	(NA)	(NA)	188,804	(NA)	(NA)
Private Building Permits (\$1,000)	566,507	464,468	-18.0	1,769,454	1,866,352	5.5
Residential	163,328	95,583	-41.5	450,596	632,922	40.5
Commercial & industrial	34,595	43,902	26.9	97,171	81,776	-15.8
Additions & alterations	368,584	324,983	-11.8	1,221,687	1,151,654	-5.7
Visitor Days - by air	8,943,937	8,271,778	-7.5	35,864,092	35,496,392	-1.0
Domestic visitor days - by air	5,382,818	(NA)	(NA)	21,872,182	(NA)	(NA)
International visitor days - by air	3,561,120	(NA)	(NA)	13,991,910	(NA)	(NA)
Visitor arrivals by air - by air	1,232,981	1,217,569	-1.2	4,904,045	5,100,169	4.0
Domestic flight visitors - by air	671,754	619,525	-7.8	2,734,643	2,750,907	0.6
International flight visitors - by air	561,228	598,044	6.6	2,169,402	2,349,262	8.3
Hotel occupancy rates 2/	82.0	79.7	-2.3	84.7	83.7	-1.0

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. 2013 QUARTERLY ECONOMIC INDICATORS: HAWAII COUNTY**

SERIES	4th QUARTER			YEAR-TO-DATE		
	2012	2013	% CHANGE YEAR AGO	2012	2013	% CHANGE YEAR AGO
Civilian labor force, NSA (persons) 1/	83,150	81,550	-1.9	83,400	82,750	-0.8
Civilian employed	77,150	76,600	-0.7	76,450	77,250	1.0
Civilian unemployed	6,000	4,950	-17.5	6,950	5,500	-20.9
Unemployment rate, NSA (%) 1/ 2/	7.2	6.1	-2.1	8.3	6.6	-1.7
Total wage and salary jobs	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Total non-agric. wage & salary jobs	62,950	63,800	1.4	61,650	63,100	2.4
Nat. Resources, Mining, Constr.	3,350	3,350	0.0	3,050	3,350	9.8
Manufacturing	1,250	1,200	-4.0	1,300	1,200	-7.7
Wholesale Trade	1,600	1,650	3.1	1,600	1,650	3.1
Retail Trade	8,900	9,150	2.8	8,850	8,850	0.0
Transp., Warehousing, Util.	2,800	2,550	-8.9	2,750	2,650	-3.6
Information	500	600	20.0	600	550	-8.3
Financial Activities	2,750	2,650	-3.6	2,750	2,650	-3.6
Professional & Business Services	5,650	5,750	1.8	5,550	5,650	1.8
Educational Services	1,300	1,250	-3.8	1,300	1,250	-3.8
Health Care & Social Assistance	6,650	6,550	-1.5	6,550	6,750	3.1
Arts, Entertainment & Recreation	1,650	1,700	3.0	1,700	1,750	2.9
Accommodation	5,500	5,600	1.8	5,500	5,600	1.8
Food Services & Drinking Places	5,750	6,200	7.8	5,650	6,100	8.0
Other Services	2,250	2,650	17.8	2,000	2,500	25.0
Government	13,000	12,850	-1.2	12,650	12,650	0.0
Federal	1,400	1,300	-7.1	1,450	1,400	-3.4
State	9,000	8,850	-1.7	8,650	8,650	0.0
Local	2,600	2,700	3.8	2,600	2,650	1.9
Agriculture wage and salary jobs	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
General excise & use tax rev. (\$1,000)	33,033	(NA)	(NA)	153,394	(NA)	(NA)
Income-individual	19,194	(NA)	(NA)	72,846	(NA)	(NA)
Declaration estimated taxes	2,176	(NA)	(NA)	26,516	(NA)	(NA)
Payment with returns	2,126	(NA)	(NA)	15,658	(NA)	(NA)
Withholding tax on wages	16,711	(NA)	(NA)	61,986	(NA)	(NA)
Refunds	-1,818	(NA)	(NA)	-31,314	(NA)	(NA)
Transient accommodations tax	6,001	(NA)	(NA)	29,840	(NA)	(NA)
Honolulu County Surcharge 3/	205	(NA)	(NA)	-9,088	(NA)	(NA)
Private Building Permits (\$1,000)	112,158	129,421	15.4	427,394	443,739	3.8
Residential	36,078	64,095	77.7	192,286	194,776	1.3
Commercial & industrial	31,335	24,552	-21.6	79,976	77,635	-2.9
Additions & alterations	44,745	40,774	-8.9	155,131	171,329	10.4
Visitor Days - by air	2,711,449	2,663,885	-1.8	10,452,516	10,723,944	2.6
Domestic visitor days - by air	2,295,951	(NA)	(NA)	8,804,859	(NA)	(NA)
International visitor days - by air	415,498	(NA)	(NA)	1,647,658	(NA)	(NA)
Visitor arrivals by air - by air	361,958	331,610	-8.4	1,433,282	1,450,247	1.2
Domestic flight visitors - by air	267,140	247,335	-7.4	1,072,678	1,061,816	-1.0
International flight visitors - by air	94,818	84,275	-11.1	360,604	388,431	7.7
Hotel occupancy rates 2/	61.3	57.1	-4.2	62.0	60.8	-1.2

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 4. 2013 QUARTERLY ECONOMIC INDICATORS: MAUI COUNTY**

SERIES	4th QUARTER			YEAR-TO-DATE		
	2012	2013	% CHANGE YEAR AGO	2012	2013	% CHANGE YEAR AGO
Civilian labor force, NSA (persons) 1/	76,800	78,100	1.7	77,500	77,700	0.3
Civilian employed	72,600	74,350	2.4	72,600	73,800	1.7
Civilian unemployed	4,250	3,750	-11.8	4,900	3,900	-20.4
Unemployment rate, NSA (%) 1/ 2/	5.5	4.8	-0.7	6.3	5.0	-1.3
Total wage and salary jobs	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Total non-agric. wage & salary jobs	68,550	70,650	3.1	67,750	69,350	2.4
Nat. Resources, Mining, Constr.	3,100	2,950	-4.8	2,950	2,950	0.0
Manufacturing	1,050	900	-14.3	1,050	900	-14.3
Wholesale Trade	1,400	1,500	7.1	1,400	1,500	7.1
Retail Trade	8,850	9,250	4.5	8,850	8,950	1.1
Transp., Warehousing, Util.	3,800	3,700	-2.6	3,700	3,750	1.4
Information	500	600	20.0	600	600	0.0
Financial Activities	2,600	2,600	0.0	2,500	2,550	2.0
Professional & Business Services	6,350	6,150	-3.1	6,300	6,150	-2.4
Educational Services	1,050	1,050	0.0	1,050	1,000	-4.8
Health Care & Social Assistance	5,050	4,950	-2.0	5,050	5,000	-1.0
Arts, Entertainment & Recreation	1,800	1,950	8.3	1,800	1,850	2.8
Accommodation	11,450	12,250	7.0	11,350	11,800	4.0
Food Services & Drinking Places	8,500	9,450	11.2	8,550	9,200	7.6
Other Services	3,150	3,750	19.0	2,850	3,550	24.6
Government	9,900	9,650	-2.5	9,700	9,650	-0.5
Federal	900	800	-11.1	900	850	-5.6
State	6,400	6,300	-1.6	6,200	6,200	0.0
Local	2,600	2,500	-3.8	2,650	2,600	-1.9
Agriculture wage and salary jobs	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
General excise & use tax rev. (\$1,000)	43,711	(NA)	(NA)	185,981	(NA)	(NA)
Income-individual	19,543	(NA)	(NA)	71,213	(NA)	(NA)
Declaration estimated taxes	2,143	(NA)	(NA)	29,588	(NA)	(NA)
Payment with returns	2,623	(NA)	(NA)	15,434	(NA)	(NA)
Withholding tax on wages	17,014	(NA)	(NA)	67,092	(NA)	(NA)
Refunds	-2,237	(NA)	(NA)	(40,901)	(NA)	(NA)
Transient accommodations tax	10,928	(NA)	(NA)	51,620	(NA)	(NA)
Honolulu County Surcharge 3/	375	(NA)	(NA)	1,483	(NA)	(NA)
Private Building Permits (\$1,000)	57,661	69,126	19.9	366,994	325,014	-11.4
Residential	28,811	39,536	37.2	114,290	111,866	-2.1
Commercial & industrial	17,370	8,014	-53.9	93,978	137,110	45.9
Additions & alterations	11,481	21,576	87.9	158,727	76,038	-52.1
Visitor Days - by air	4,906,680	5,005,323	2.0	19,178,762	19,787,584	3.2
Domestic visitor days - by air	4,147,871	(NA)	(NA)	16,190,176	(NA)	(NA)
International visitor days - by air	758,810	(NA)	(NA)	2,988,585	(NA)	(NA)
Visitor arrivals by air - by air	582,338	573,254	-1.6	2,353,329	2,406,523	2.3
Domestic flight visitors - by air	482,403	464,472	-3.7	1,952,718	1,963,983	0.6
International flight visitors - by air	99,935	108,782	8.9	400,611	442,540	10.5
Hotel occupancy rates 2/	70.4	67.4	-3.0	72.4	72.0	-0.4

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 5. 2013 QUARTERLY ECONOMIC INDICATORS: KAUAI COUNTY**

SERIES	4th QUARTER			YEAR-TO-DATE		
	2012	2013	% CHANGE YEAR AGO	2012	2013	% CHANGE YEAR AGO
Civilian labor force, NSA (persons) 1/	32,200	32,350	0.5	32,700	32,350	-1.1
Civilian employed	30,150	30,650	1.7	30,300	30,550	0.8
Civilian unemployed	2,050	1,750	-14.6	2,400	1,800	-25.0
Unemployment rate, NSA (%) 1/ 2/	6.4	5.4	-1.0	7.4	5.6	-1.8
Total wage and salary jobs	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Total non-agric. wage & salary jobs	28,200	29,300	3.9	28,150	28,650	1.8
Nat. Resources, Mining, Constr.	1,300	1,300	0.0	1,300	1,200	-7.7
Manufacturing	300	300	-	300	300	0.0
Wholesale Trade	500	600	20.0	500	600	20.0
Retail Trade	3,700	3,850	4.1	3,700	3,700	0.0
Transp., Warehousing, Util.	1,300	1,350	3.8	1,300	1,350	3.8
Information	200	250	25.0	250	250	0.0
Financial Activities	1,300	1,400	7.7	1,300	1,350	3.8
Professional & Business Services	2,800	2,500	-10.7	2,800	2,600	-7.1
Educational Services	100	150	50.0	150	100	-33.3
Health Care & Social Assistance	2,400	2,300	-4.2	2,350	2,350	0.0
Arts, Entertainment & Recreation	1,000	1,050	5.0	1,000	1,050	5.0
Accommodation	4,100	4,350	6.1	4,100	4,250	3.7
Food Services & Drinking Places	3,450	3,950	14.5	3,550	3,800	7.0
Other Services	1,100	1,300	18.2	1,000	1,150	15.0
Government	4,650	4,700	1.1	4,600	4,600	0.0
Federal	550	600	9.1	600	600	0.0
State	2,800	2,800	0.0	2,700	2,700	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)	14,022	(NA)	(NA)	64,930	(NA)	(NA)
Income-individual	8,827	(NA)	(NA)	29,441	(NA)	(NA)
Declaration estimated taxes	4,405	(NA)	(NA)	13,262	(NA)	(NA)
Payment with returns	1,000	(NA)	(NA)	6,838	(NA)	(NA)
Withholding tax on wages	6,685	(NA)	(NA)	27,507	(NA)	(NA)
Refunds	-3,264	(NA)	(NA)	-18,166	(NA)	(NA)
Transient accommodations tax	4,323	(NA)	(NA)	18,762	(NA)	(NA)
Honolulu County Surcharge 3/	81	(NA)	(NA)	381	(NA)	(NA)
Private Building Permits (\$1,000)	16,910	25,962	53.5	79,998	85,413	6.8
Residential	16,910	25,962	53.5	79,998	85,413	6.8
Commercial & industrial	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Additions & alterations	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Visitor Days - by air	2,002,168	2,020,816	0.9	8,168,533	8,495,709	4.0
Domestic visitor days - by air	1,875,853	(NA)	(NA)	7,625,463	(NA)	(NA)
International visitor days - by air	126,315	(NA)	(NA)	543,071	(NA)	(NA)
Visitor arrivals by air - by air	264,499	258,476	-2.3	1,084,681	1,113,523	2.7
Domestic flight visitors - by air	237,936	226,944	-4.6	977,820	987,478	1.0
International flight visitors - by air	26,563	31,532	18.7	106,861	126,045	18.0
Hotel occupancy rates 2/	63.6	64.6	1.0	68.8	69.0	0.2

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

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## A. LABOR FORCE AND JOBS

Hawaii's labor market conditions continued to improve in the fourth quarter of 2013. Since the civilian labor force increased less than the civilian employment in the quarter, civilian unemployment rate decreased 0.6 of a percentage point in the quarter. For the 13<sup>th</sup> consecutive quarters, civilian non-agricultural wage and salary jobs increased.

In the fourth quarter of 2013, the civilian labor force averaged 652,750 people, increased 2,550 people or 0.4 percent from the same quarter of 2012 (Table A-1). In 2013, the civilian labor force decreased 3,100 people or 0.5 percent from the previous year.

Civilian employment totaled 623,550 people in the fourth quarter of 2013, an increase of 6,550 people or 1.1 percent compared to the same quarter of 2012 (Table A-2). This is the fifth quarterly increase following three consecutive quarterly decreases from the first quarter of 2012 to the third quarter of 2012. In 2013, average civilian employment increased 4,400 people or 0.7 percent from the previous year.

In the fourth quarter of 2013, the number of civilian unemployed averaged 29,150, decreased 4,050 people or 12.2 percent from the same quarter of 2012 (Table A-3). In 2013, the number of unemployed decreased 7,550 people or 19.9 percent from the previous year.

The unemployment rate (not seasonally adjusted) decreased from 5.1 percent in the fourth quarter of 2012 to 4.5 percent in the fourth quarter of 2013 (Table A-4). In 2013, the unemployment rate decreased 1.1 percentage point from the previous year.

In the fourth quarter of 2013, Hawaii's civilian non-agricultural wage and salary jobs averaged 623,650 jobs, an increase of 7,250 jobs or 1.2 percent from the same quarter of 2012 (Table A-6). This is the 13<sup>th</sup> consecutive quarterly

increase in non-agricultural wage and salary jobs after ten consecutive quarterly decreases in jobs since the second quarter of 2008. In 2013, average non-agricultural wage and salary jobs increased 1.3 percent or 7,900 jobs from the same period last year.

The job increase in the fourth quarter of 2013 was due to job increases in the private sector, especially the visitor-related industries. In this quarter, the private sectors added about 9,400 non-agricultural jobs compared to the fourth quarter of 2012. Jobs increased the most in Food Services and Drinking Places, added 2,800 jobs or 4.8 percent (Table A-19); followed by Other Services, added 1,500 jobs or 5.7 percent (Table A-20), Natural Resources, Mining, and Construction, added 1,400 jobs or 4.5 percent (Table A-7), Accommodation, added 1,150 jobs or 3.0 percent (Table A-18), Professional & Business Services, added 900 jobs or 1.2 percent (Table A-14), and Arts, Entertainment & Recreation, added 500 jobs or 4.4 percent (Table A-17).

In the fourth quarter of 2013, in the private sector, only Information lost 50 jobs (Table A-12) compared to the same quarter of 2012.

During the fourth quarter of 2013, the three levels of government combined lost 2,150 jobs or 1.7 percent (Table A-21) compared to the same quarter of 2012. The Federal Government lost 1,400 jobs or 4.0 percent (Table A-22); the State Government lost 900 jobs or 1.2 percent (Table A-23), while Local Government added 150 jobs or 0.8 percent (Table A-24).

The initial liable claims for unemployment, which measures the number of people who lost jobs in Hawaii and moved to other states, increased 6.9 percent in the fourth quarter of 2013 compared to the same quarter of 2012 (Table A-27). In 2013, initial liable claims for unemployment increased 6.8 percent from the same period last year.

**Table A-6. NON-AGRICULTURAL WAGE AND SALARY 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					
1990	520,050	528,600	525,850	539,250	528,400
1991	537,900	537,300	536,050	545,250	539,100
1992	543,050	544,700	538,750	544,750	542,800
1993	540,050	543,450	532,100	539,600	538,800
1994	535,300	538,050	530,500	540,600	536,100
1995	536,000	536,300	526,050	533,150	532,900
1996	531,250	531,450	525,950	534,300	530,700
1997	532,900	533,450	526,450	533,600	531,600
1998	529,850	532,950	527,750	534,550	531,300
1999	528,250	534,750	532,500	544,600	535,000
2000	542,250	552,250	549,350	561,550	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	583,450	587,600	581,200	595,350	586,900
2011 1/	590,650	592,200	589,100	603,550	594,000
2012 1/	598,950	604,200	601,850	616,400	605,300
2013	608,900	611,950	608,550	623,650	613,250
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	-0.9	-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	2.4	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/	1.2	0.8	1.4	1.4	1.2
2012 1/	1.4	2.0	2.2	2.1	1.9
2013	1.7	1.3	1.1	1.2	1.3

1/ Data had been benchmarked by DLIR in March 2013.

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

<<http://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.

## B. INCOME AND PRICES

Hawaii's total personal income increased during the third quarter of 2013 over the same quarter of 2012, all major components of personal income increased in the quarter. In dollar terms, the largest increases occurred in wage and salary disbursements, followed by dividends, interest, and rent, personal current transfer receipts, proprietors' income, and supplements to wage and salaries, which include retirement and unemployment insurance benefits (Table B-1).

In the third quarter of 2013, total nominal annualized personal income (i.e., not adjusted for inflation) increased \$2,543.4 million or 4.1 percent from the third quarter of 2012 (Table B-2). For the first three quarters of 2013, total annualized personal income was \$63,934.1 million, an increase of 3.4 percent from the same period last year.

In the third quarter of 2013, wage and salary disbursements increased \$1,171.9 million or 3.8 percent from the third quarter of 2012. This was the thirteenth quarter-over-quarter increase since the third quarter of 2010. For the first three quarters of 2013, wage and salary disbursements increased 3.8 percent from the same period last year (Table B-3).

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 \$196.9 million or 2.1 percent in the third quarter of 2013 from the same quarter of 2012 (Table B-4). For the first three quarters of 2013, supplements to wages and salaries increased 2.1 percent from the same period of last year.

Proprietors' income increased \$297.5 million or 7.1 percent in the third quarter of 2013 over that of 2012 (Table B-5). For the first three quarters of 2013, proprietors' income was up 6.7 percent from the same period of last year.

Dividends, interest, and rent increased \$825.3 million or 6.1 percent in the third quarter of 2013 from the same quarter of 2012. For the first three quarters of 2013, income in this category was up 5.0 percent from the same period last year (Table B-6).

The annualized personal current transfer receipts grew by \$802.4 million or 8.7 percent in the third quarter of 2013 from the same quarter of 2012 (Table B-7). For the first three quarters of 2013, personal current transfer receipts increased 5.8 percent from the same period last year.

Contributions to government social insurance, which is subtracted from total personal income, increased \$750.6 million or 16.3 percent in the third quarter of 2013 compared to the third quarter of 2012. For the first three quarters of 2013, contributions to government social insurance increased 16.3 percent from the same period last year (Table B-8).

In the third quarter of 2013, total non-farm private sector annualized earnings increased \$1,918.7 million or 6.6 percent from the third quarter of 2012. In dollar terms, the largest increase occurred in construction, followed by health care and social assistance, accommodation and food services, retail trade, and administrative and waste services; the largest decrease occurred in information.

During the third quarter of 2013, total government earnings decreased \$207.8 million or 1.4 percent from the same quarter of 2012. Earnings from the federal government decreased \$142.4 million or 1.7 percent in the third quarter of 2013. Earnings from the state and local governments increased \$65.5 million or 1.1 percent in the quarter.

In the second half of 2013, Honolulu's Consumer Price Index for Urban Consumers (CPI-U) increased 1.7 percent from the same period of 2012, higher than the U.S. average CPI-U increase of 1.4 percent for the same period (Table B-9). In 2013, the Honolulu CPI-U increased 1.8 percent from the previous year. In the second half of 2013, the Honolulu CPI-U increased the most in Medical Care (3.6 percent), followed by Food & Beverages (2.9 percent), Recreation (2.4 percent), Transportation (1.8 percent), Other Goods and Services (1.7 percent), Housing (1.3 percent), and Education and Communication (1.3 percent). The price of Apparel decreased 1.7 percent, compared to the second half of 2012.



**Table B-1. 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	Second Quarter 2013	Third Quarter 2013	AnnAver 2012	YTD 2012	YTD 2013	Percentage change			
						To Third Quarter 2013 From		Annual average	YTD
						Third Quarter 2012	Second Quarter 2013	2012 from 2011	2013 from 2012
PERSONAL INCOME 1/	64,051,091	64,465,785	62,329,613	61,845,077	63,934,055	4.1	0.6	3.7	3.4
Earnings By Place of Work	45,455,744	45,612,891	43,995,117	43,759,581	45,388,685	3.8	0.3	3.7	3.7
Wage and salary disbursements	31,639,114	31,721,652	30,609,909	30,420,761	31,580,324	3.8	0.3	3.7	3.8
Supplements to wages and salaries	9,397,575	9,407,168	9,204,693	9,194,601	9,387,888	2.1	0.1	2.2	2.1
Emp'er contrib. for emp'ee pension & ins. funds	6,630,136	6,636,210	6,538,445	6,543,205	6,625,369	1.3	0.1	1.4	1.3
Employer contributions for gov't social ins.	2,767,439	2,770,958	2,666,248	2,651,396	2,762,519	4.2	0.1	4.1	4.2
Proprietors' income	4,419,055	4,484,071	4,180,515	4,144,219	4,420,473	7.1	1.5	7.3	6.7
Farm proprietors' income	78,936	69,724	111,960	113,945	80,624	-41.3	-11.7	24.7	-29.2
Nonfarm proprietors' income	4,340,119	4,414,347	4,068,555	4,030,273	4,339,849	8.5	1.7	6.9	7.7
Dividends, interest, and rent	14,006,419	14,244,873	13,492,849	13,314,471	13,976,976	6.1	1.7	6.2	5.0
Personal current transfer receipts	9,945,283	9,973,985	9,464,641	9,369,688	9,916,456	8.7	0.3	0.3	5.8
State unemployment insurance benefits	272,716	268,294	390,522	409,817	283,577	-28.7	-1.6	-16.4	-30.8
Personal current transfer receipts exc State U.I.	9,672,567	9,705,691	9,074,119	8,959,871	9,632,878	10.4	0.3	1.2	7.5
Less: Contributions for gov't social insurance	5,356,355	5,365,964	4,622,994	4,598,663	5,348,062	16.3	0.2	3.6	16.3
Personal contributions for gov't social insurance	2,588,916	2,595,006	1,956,746	1,947,267	2,585,543	32.7	0.2	2.9	32.8
Employer contributions for gov't social insurance	2,767,439	2,770,958	2,666,248	2,651,396	2,762,519	4.2	0.1	4.1	4.2
Earnings By Industry	45,455,744	45,612,891	43,995,117	43,759,581	45,388,685	3.8	0.3	3.7	3.7
Farm Earnings	229,681	221,765	258,526	260,084	231,374	-16.7	-3.4	-16.1	-11.0
Nonfarm Earnings	45,226,063	45,391,126	43,736,591	43,499,497	45,157,310	3.9	0.4	3.9	3.8
Private earnings	30,854,854	31,175,059	29,395,424	29,162,128	30,820,800	6.6	1.0	4.8	5.7
Forestry, fishing, related activities, and other 6/	60,582	64,868	56,569	55,953	62,829	17.8	7.1	9.4	12.3
Mining	37,222	38,543	40,013	39,605	37,889	-2.4	3.5	0.4	-4.3
Utilities	547,037	550,592	505,093	500,533	549,436	7.7	0.6	3.6	9.8
Construction	3,411,289	3,526,114	3,090,688	3,042,909	3,409,514	14.1	3.4	5.5	12.0
Manufacturing	795,251	810,663	789,915	786,984	806,060	2.4	1.9	1.1	2.4
Durable goods	262,015	268,535	255,788	256,128	262,808	4.2	2.5	-8.1	2.6
Nondurable goods	533,236	542,128	534,127	530,856	543,251	1.4	1.7	6.2	2.3
Wholesale trade	1,226,999	1,220,623	1,194,858	1,188,089	1,229,628	1.9	-0.5	3.8	3.5
Retail trade	2,779,079	2,801,117	2,684,005	2,676,836	2,768,789	5.4	0.8	2.7	3.4
Transportation and warehousing	1,703,961	1,705,533	1,604,980	1,593,981	1,691,112	6.3	0.1	7.7	6.1
Information	691,391	685,801	684,929	680,828	687,863	-1.2	-0.8	2.2	1.0
Finance and insurance	1,388,996	1,399,979	1,351,846	1,337,631	1,388,528	3.6	0.8	2.5	3.8
Real estate and rental and leasing	1,413,028	1,427,533	1,329,729	1,320,484	1,408,434	7.4	1.0	6.1	6.7
Professional and technical services	2,639,868	2,681,002	2,593,566	2,573,531	2,671,084	3.1	1.6	3.4	3.8
Management of companies and enterprises	855,206	853,940	764,043	737,861	834,563	15.1	-0.1	12.2	13.1
Administrative and waste services	2,043,684	2,076,238	1,940,603	1,920,492	2,042,738	7.4	1.6	5.4	6.4
Educational services	759,250	760,208	734,342	728,520	755,465	4.1	0.1	6.1	3.7
Health care and social assistance	4,434,233	4,420,894	4,188,187	4,162,171	4,377,051	8.3	-0.3	3.1	5.2
Arts, entertainment, and recreation	458,349	469,043	432,625	432,069	462,070	6.8	2.3	7.0	6.9
Accommodation and food services	3,882,496	3,939,096	3,726,291	3,704,416	3,910,069	5.1	1.5	8.5	5.6
Other services, except public administration	1,726,933	1,743,272	1,683,142	1,679,233	1,727,678	5.0	0.9	2.8	2.9
Government and government enterprises	14,371,209	14,216,067	14,341,167	14,337,369	14,336,510	-1.4	-1.1	2.0	0.0
Federal	8,532,989	8,386,548	8,485,708	8,484,841	8,491,702	-1.7	-1.7	2.3	0.1
Federal, civilian	3,453,785	3,316,203	3,509,683	3,514,171	3,414,034	-5.5	-4.0	2.0	-2.8
Military	5,079,204	5,070,345	4,976,025	4,970,671	5,077,668	1.0	-0.2	2.4	2.2
State and local	5,838,220	5,829,519	5,855,459	5,852,528	5,844,808	-1.1	-0.1	1.6	-0.1

1/ 2013Q1 and 2013Q2 revised on December 19, 2013.

Source: U.S. Department of Commerce, Bureau of Economic Analysis, State Quarterly Personal Income, December 19, 2013 <<http://www.bea.gov/iTable/iTable.cfm?reqid=70&step=1&isuri=1&acrdn=3>>.

**Table B-9. HONOLULU and U.S. CONSUMER PRICE INDEX,  
ALL URBAN CONSUMERS (CPI-U)**  
[1982-84=100. Data are not seasonally adjusted]

Period	U.S.	Honolulu								
		All Items	Food & Beverages	Housing	Apparel	Transportation	Medical Care	Recreation 1/	Educ. & Comm. 1/	Other Goods & Services
1990	130.7	138.1	137.8	141.5	107.0	131.1	154.2	(NA)	(NA)	160.4
1991	136.2	148.0	145.9	152.8	110.5	139.3	171.3	(NA)	(NA)	175.7
1992	140.3	155.1	148.5	161.7	114.2	147.4	182.6	(NA)	(NA)	189.0
1993	144.5	160.1	152.9	166.5	116.5	150.5	197.4	(NA)	(NA)	200.1
1994	148.2	164.5	153.4	171.6	118.7	156.4	206.0	(NA)	(NA)	209.6
1995	152.4	168.1	156.8	174.7	117.5	162.4	209.8	(NA)	(NA)	216.8
1996	156.9	170.7	156.6	176.8	118.5	167.0	215.0	(NA)	(NA)	226.5
1997	160.5	171.9	159.2	177.1	117.3	166.2	217.3	(NA)	(NA)	239.0
1998	163.0	171.5	159.1	176.0	112.2	162.5	226.1	100.8	99.1	256.1
1999	166.6	173.3	162.9	175.8	105.4	162.2	231.3	101.9	104.5	275.6
2000	172.2	176.3	164.8	177.9	103.5	169.6	239.8	102.8	106.5	279.7
2001	177.1	178.4	169.5	179.1	101.0	174.5	(2/)	101.6	104.6	289.3
2002	179.9	180.3	171.9	181.2	102.6	170.9	(2/)	99.5	107.8	302.2
2003	184.0	184.5	174.9	186.2	98.5	176.4	(2/)	100.4	112.5	307.6
2004	188.9	190.6	180.2	194.3	101.2	182.4	275.9	102.3	113.5	312.4
2005	195.3	197.8	185.9	205.2	102.5	191.6	(2/)	97.8	114.3	321.0
2006	201.6	209.4	194.2	222.5	104.4	202.1	(2/)	101.1	114.0	332.1
2007	207.3	219.504	204.942	238.428	104.145	205.027	(2/)	102.572	113.967	347.499
2008	215.3	228.861	216.625	248.700	105.277	213.998	317.955	105.290	117.118	365.441
2009	214.5	230.048	224.317	249.735	112.811	200.296	321.599	105.239	122.843	395.186
2010	218.1	234.869	224.774	251.968	116.423	214.411	320.153	107.484	128.483	415.526
2011	224.9	243.622	232.656	260.606	118.394	229.223	324.180	110.473	132.248	433.536
2012	229.6	249.474	242.786	265.473	121.481	231.275	334.441	113.961	137.276	440.428
2013	233.0	253.924	250.922	269.885	119.011	233.133	345.184	116.818	139.423	447.178
1995H1	151.5	166.9	156.5	173.4	118.1	160.0	207.8	(NA)	(NA)	214.4
H2	153.2	169.4	157.1	176.0	116.9	164.9	211.8	(NA)	(NA)	219.2
1996H1	155.8	170.5	156.9	176.8	120.0	166.3	214.9	(NA)	(NA)	220.6
H2	157.9	171.0	156.3	176.8	116.9	167.7	215.0	(NA)	(NA)	232.4
1997H1	159.9	172.1	159.4	177.3	119.8	167.8	215.6	(NA)	(NA)	232.5
H2	161.2	171.8	159.0	177.0	114.8	164.6	219.1	(NA)	(NA)	245.5
1998H1	162.3	172.0	160.0	176.3	116.4	163.2	222.5	101.4	98.9	254.3
H2	163.7	171.0	158.2	175.7	108.0	161.8	229.8	100.3	99.3	258.0
1999H1	165.4	172.7	162.4	175.5	106.0	162.3	231.0	101.3	102.6	273.9
H2	167.8	173.8	163.5	176.0	104.9	162.0	231.5	102.5	106.4	277.3
2000H1	170.8	175.9	165.5	177.3	104.5	167.7	235.9	103.1	107.3	277.5
H2	173.6	176.7	164.1	178.5	102.6	171.5	243.8	102.6	105.6	281.9
2001H1	176.6	178.1	168.3	178.8	99.7	176.0	246.1	102.1	103.5	287.5
H2	177.5	178.7	170.7	179.3	102.3	173.0	(2/)	101.1	105.8	291.1
2002H1	178.9	180.1	172.3	180.5	106.2	171.7	(2/)	99.9	106.9	299.1
H2	180.9	180.4	171.6	181.9	99.1	170.1	266.5	99.2	108.7	305.3
2003H1	183.3	183.2	173.7	184.7	99.2	175.2	(2/)	99.3	111.1	307.0
H2	184.6	185.7	176.0	187.7	97.8	177.7	(2/)	101.5	113.8	308.2
2004H1	187.6	189.2	179.5	192.2	102.6	180.2	274.8	102.6	113.5	309.6
H2	190.2	191.9	180.9	196.3	99.9	184.6	277.0	102.0	113.6	315.2
2005H1	193.2	195.0	184.7	199.9	104.9	188.2	(2/)	98.5	115.8	318.6
H2	197.4	200.6	187.1	210.5	100.0	195.1	(2/)	97.0	112.8	323.3
2006H1	200.6	206.4	191.6	216.9	104.1	201.6	(2/)	100.9	114.3	329.5
H2	202.6	212.3	196.8	228.0	104.7	202.6	(2/)	101.3	113.7	334.7
2007H1	205.709	216.620	202.952	233.606	102.648	204.402	(2/)	102.058	112.887	343.703
H2	208.976	222.388	206.932	243.250	105.642	205.652	309.195	103.087	115.047	351.295
2008H1	214.429	227.334	212.390	246.676	105.917	215.519	317.380	105.600	115.126	361.286
H2	216.177	230.387	220.859	250.725	104.637	212.477	318.531	104.979	119.110	369.596
2009H1	213.139	228.070	224.747	248.658	114.379	191.723	322.104	105.629	120.937	388.461
H2	215.935	232.026	223.887	250.811	111.244	208.870	321.094	104.848	124.749	401.910
2010H1	217.535	233.822	224.627	250.940	116.564	213.842	321.243	106.585	125.888	406.880
H2	218.576	235.916	224.922	252.995	116.281	214.980	319.064	108.382	131.078	424.172
2011H1	223.598	241.902	230.565	258.121	119.380	228.484	321.891	110.544	130.444	435.239
H2	226.280	245.342	234.747	263.092	117.408	229.962	326.468	110.401	134.052	431.834
2012H1	228.850	248.646	241.047	263.954	122.187	233.236	333.781	113.396	135.804	440.182
H2	230.338	250.303	244.524	266.993	120.775	229.315	335.102	114.526	138.748	440.674
2013H1	232.366	253.202	250.337	269.213	119.349	232.743	343.253	116.347	138.251	446.226
H2	233.548	254.646	251.508	270.557	118.673	233.523	347.116	117.289	140.594	448.131

Data on U.S. CPI are released monthly and Honolulu CPI, twice a year in February and August for the half (H) year previous.

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>> and BLS Honolulu CPI News Releases and <<http://www.bls.gov/ro9/cpihono.htm>> accessed February 20, 2014.

**Table B-9. 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
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	2.0	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

Data on U.S. CPI are released monthly and Honolulu CPI, twice a year in February and August for the half (H) year previous.

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>> and BLS Honolulu CPI News Releases and <<http://www.bls.gov/ro9/cpihono.htm>> accessed February 20, 2014.

## C. TAX REVENUES

The State general fund tax revenues increased slightly in the fourth quarter of 2013 compared to the same quarter of 2012.<sup>1</sup> The increase in State general fund tax revenues was mainly due to increased net Corporate Income Tax revenues and Transient Accommodations Tax revenues. The GET increased only slightly, and the net Individual Income Tax revenues decreased in the quarter.

In the fourth quarter of 2013, total tax collections distributed to the State general fund totaled \$1,283.8 million, increased \$14.6 million or 1.2 percent over the same quarter of 2012 (Tables C-1 and C-2). In 2013, State general fund tax revenues were up \$191.8 million or 3.6 percent over the previous year.

During the fourth quarter of 2013, GET revenues (excluding the Honolulu County Surcharge) totaled \$694.3 million, an increase of \$3.2 million or 0.5 percent over the same quarter of 2012 (Table C-3). In 2013, GET revenues increased \$62.9 million or 2.2 percent from the previous year.

Compared to the fourth quarter of 2012, Net Individual Income Tax revenues decreased \$8.9 million or 2.1 percent to \$424.1 million in the fourth quarter of 2013 (Table C-4). In the fourth quarter of 2013, Declaration of Estimated Taxes decreased \$14.2 million or 31.9 percent (Table C-5); Payments with Returns increased \$6.2 million or 28.6 percent (Table C-6); Revenues from Withholding Tax on Wages increased \$9.3 million or 2.3 percent (Table C-7); and Refunds increased \$10.2 million or 35.5 percent (Table C-8). In 2013, Net Individual Income Tax

collections increased \$94.4 million or 5.7 percent from the previous year.

Net Corporate Income Tax revenues, which tend to be volatile in nature, increased \$16.2 million in the fourth quarter of 2013 compared to the same quarter of 2012 (Table C-9). In the fourth quarter of 2013, the Declaration of Estimated Taxes increased \$5.8 million or 22.0 percent (Table C-10), the Payment with Returns decreased \$0.1 million or 2.2 percent (Table C-11), and the Refunds decreased \$10.5 million or 34.7 percent (Table C-12), compared with the same quarter of 2012. In 2013, Net Corporate Income Tax revenues increased \$22.6 million or 20.1 percent from the previous year.

In the fourth quarter of 2013, Transient Accommodations Tax (TAT) revenues increased \$8.8 million or 11.3 percent compared to the same quarter of 2012 (Table C-13). In 2013, TAT revenues increased \$40.9 million or 11.9 percent from the previous year.

According to the most recent data available, in the third quarter of 2013, the Retailing tax base decreased 0.5 percent or \$38.8 million (Table C-14), the Services tax base increased 6.9 percent or \$221.6 million (Table C-15), the Contracting tax base decreased 0.7 percent or \$13.5 million (Table C-16), and the Hotel Rentals tax base increased 10.7 percent or \$105.7 million (Table C-17), compared to the same quarter of 2012. For the first three quarters of 2013, only the Retailing tax base decreased 1.7 percent; the Services tax base, Contracting tax base, and Hotel Rentals tax base increased 3.2 percent, 10.3 percent, and 10.9 percent, respectively, from the same period last 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	3/ 2,844,741	1,651,212	112,695	5,258,712	
2013	2,907,622	1,745,612	135,338	5,450,483	
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
	3/ 4 Qtr.	691,117	433,030	160	1,269,193
2013	1 Qtr.	757,923	351,323	14,909	1,282,926
	2 Qtr.	756,693	516,183	64,584	1,572,719
	3 Qtr.	698,689	454,022	39,471	1,311,027
	4 Qtr.	694,316	424,084	16,375	1,283,812

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/ Tax Revenues Distributed to State General Fund 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	3.6	
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/ 4 Qtr.	10.0	19.3	(3/)	13.3
2013	1 Qtr.	6.6	27.0	-55.6	8.1
	2 Qtr.	7.5	2.0	12.0	8.0
	4/ 3 Qtr.	-5.4	4.3	85.0	-2.7
	4 Qtr.	0.5	-2.1	10,135.6	1.2

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/ Tax Revenues Distributed to State General Fund 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)>.



## D. TOURISM

After seventeen positive quarters of growth since the third quarter of 2009, including very strong growth in 2012, Hawaii's tourism sector turned to negative growth in the fourth quarter of 2013 compared with the same quarter in 2012. The increase in international visitor arrivals was more than offset by the decrease in domestic visitor arrivals in the quarter. Due to shorter lengths of stay, the decrease in daily visitor census was more than the decrease in visitor arrivals. Moreover, since visitors spent less on a daily basis during the fourth quarter of 2013, total visitor spending decreased even more in the quarter.

The total number of visitors arriving by air to Hawaii decreased 58,022 or 2.9 percent in the fourth quarter of 2013 compared to the same quarter of 2012 (Tables D-1 and D-2). The total average daily census was down 6,548 or 3.2 percent in the quarter. In 2013, total visitor arrivals by air increased 197,149 or 2.5 percent, while average daily census increased 2,852 or 1.4 percent from the previous year.

Following a 7.1 percent growth in the fourth quarter of 2012, in the fourth quarter of 2013, total visitor arrivals on domestic flights decreased 89,182 or 6.6 percent compared to the same quarter of 2012 (Table D-3). For the whole year of 2013, domestic arrivals were up 24,834 or 0.5 percent from the previous year.

After a very strong 17.1 percent growth in the fourth quarter of 2012, arrivals on international flights increased 31,160 or 4.9 percent in the fourth quarter of 2013 compared to the fourth quarter of 2012 (Table D-4). In 2013, international arrivals were up 172,315 or 7.0 percent more than 2012.

In terms of major market areas, from the fourth quarter of 2012 to the same period of 2013, arrivals from the U.S. West decreased 65,133 or 8.0 percent (Table D-5); arrivals from the U.S. East decreased 21,921 or 5.7 percent (Table D-6); and arrivals from Japan increased 21,614 or 5.7 percent (Table D-7). In 2013, arrivals from U.S. West were up 40,797 or 1.3 percent; arrivals from the U.S. East were down

1,171 or 0.1 percent; and Japanese arrivals were up 57,648 or 3.9 percent from the previous year.

Because of shorter lengths of stay, the average total daily visitor census decreased more than the decrease in visitor arrivals. The total average daily visitor census was down 3.2 percent or 6,548 visitors per day in the fourth quarter of 2013 over the same quarter of 2012 (Table D-8). Domestic average daily census decreased 5.0 percent or 7,425 visitors per day (Table D-9), while international average daily census increased 1.7 percent or 877 visitors per day (Table D-10). In 2013, domestic average daily census increased 932 or 0.6 percent; international average daily census increased 1,920 or 3.7 percent from the previous year.

Nominal visitor expenditures by air totaled \$3,517.8 million in the fourth quarter of 2013, down 3.9 percent or \$141.1 million from the same quarter of 2012 (Table D-11). In 2013, visitor expenditures increased \$292.0 million or 2.1 percent compared with the previous year.

Total airline capacity, as measured by the number of available seats flown to Hawaii, increased 3.2 percent or 82,639 seats (Table D-12) in the fourth quarter of 2013; domestic seats decreased 1.2 percent or 22,114 seats (Table D-13); international seats increased 12.6 percent or 104,753 seats (Table D-14), compared to the same quarter of 2012. In 2013, the number of total available seats increased 6.7 percent or 682,416 seats from the previous year.

In the fourth quarter of 2013, the statewide hotel occupancy rate averaged 72.0 percent, 2.5 percentage points lower than that of the fourth quarter of 2012 (Table D-15). In 2013, statewide hotel occupancy rate averaged 76.2 percent, 0.7 of a percentage point lower than that of the previous year.

Readers interested in visitor statistics on a monthly basis can find them on the DBEDT website: <http://www.hawaii.gov/dbedt/info/visitor-stats/tourism/> and those interested in daily passenger arrival data at: [http://www.hawaii.gov/dbedt/info/economic/data\\_reports/special/](http://www.hawaii.gov/dbedt/info/economic/data_reports/special/)

**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	8,064,292	5,427,859	2,636,433	204,120	149,819	54,301
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
2/ 2013 1 Qtr.	2,060,532	1,369,719	690,813	220,630	158,274	62,356
2/ 2 Qtr.	1,995,395	1,404,323	591,072	195,862	148,953	46,910
2/ 3 Qtr.	2,086,639	1,399,557	687,082	205,018	150,707	54,311
2/ 4 Qtr.	1,921,726	1,254,260	667,466	195,237	141,515	53,722

1/ Staying overnight or longer.

2/ 2013 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	2.5	0.5	7.0	1.4	0.6	3.7
2/ 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
2/ 2013 1 Qtr.	6.5	5.2	9.3	4.7	4.3	5.9
2/ 2 Qtr.	4.4	2.6	9.0	2.5	1.7	5.2
2/ 3 Qtr.	2.2	0.7	5.2	1.7	1.6	2.1
2/ 4 Qtr.	-2.9	-6.6	4.9	-3.2	-5.0	1.7

1/ Staying overnight or longer.

2/ 2013 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.

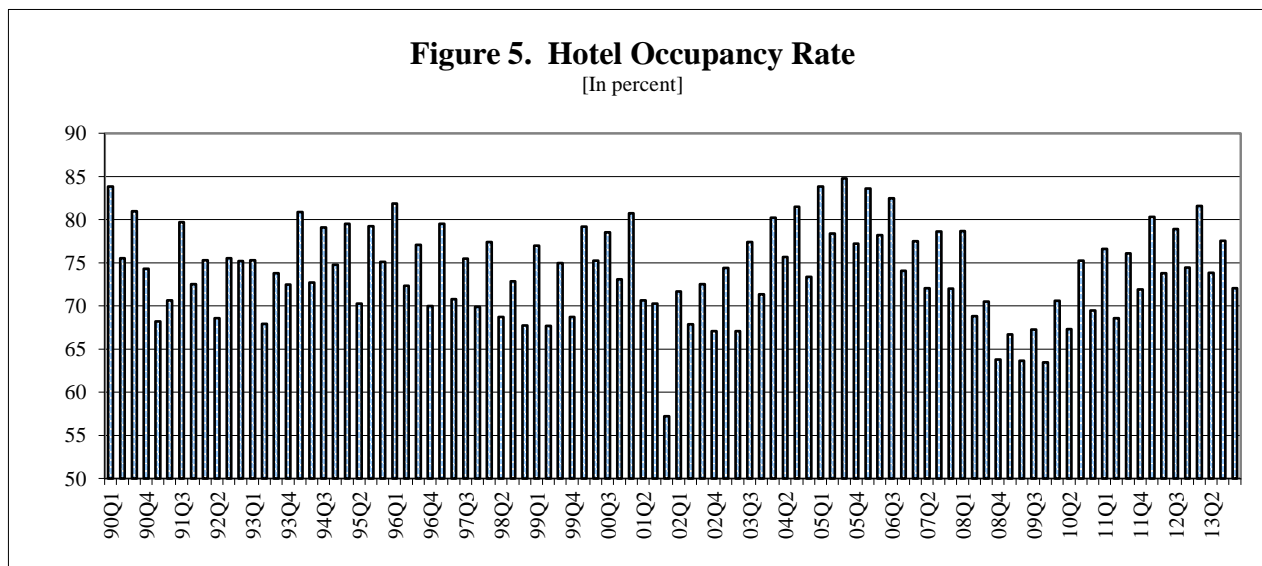
**Table D-15. HOTEL OCCUPANCY RATE**

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 1/	80.3	73.8	78.9	74.5	76.9
2013 1/	81.6	73.8	77.5	72.0	76.2

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. 2012 Q4.

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 fourth quarter of 2013. Government contracts awarded and construction jobs increased, but the value of private building authorizations and State Government CIP expenditures decreased in the quarter.

Construction was one of the major contributors to job growth in Hawaii over the past few years. From 2002 to 2007, construction job growth averaged 8.0 percent per year. In the fourth quarter of 2007, the average construction job reached a peak of 40,000 jobs. Since the second quarter of 2008; however, the quarter-over-quarter growth rate of construction jobs has been negative in all quarters until the second quarter of 2011. In the fourth quarter of 2013, the construction sector added 1,400 jobs or 4.5 percent compared with the same quarter of 2012. In 2013, the construction sector added 2,500 jobs or 8.5 percent (Table A-7) more than in 2012.

In the fourth quarter of 2013, the private building authorizations for the state decreased \$64.3 million or 8.5 percent compared with the fourth quarter of 2012 (Table E-8). In 2013, private building authorizations increased \$76.7 million or 2.9 percent compared with 2012.

In the fourth quarter of 2013, the private building authorizations in Honolulu decreased \$102.0 million or 8.0 percent compared with the fourth quarter of 2012 (Table E-8). In 2013, private building authorizations increased \$96.9 million or 5.5 percent compared with 2012.

In the fourth quarter of 2013, the private building authorizations in Hawaii County increased \$17.3 million or 15.4 percent compared with the fourth quarter of 2012 (Table E-8). In 2013, private building authorizations in Hawaii County increased \$16.3 million or 3.8 percent compared with 2012.

In the fourth quarter of 2013, the private building authorizations in Maui increased \$11.5 million or 19.9 percent compared with the fourth quarter of 2012 (Table E-8). In 2013, private

building authorizations in Maui decreased \$42.0 million or 11.4 percent compared with 2012.

In the fourth quarter of 2013, the private building authorizations in Kauai increased \$9.1 million or 53.5 percent compared with the fourth quarter of 2012 (Table E-8). In 2013, private building authorizations in Kauai increased \$5.4 million or 6.8 percent compared with 2012.

Government contracts awarded increased \$15.6 million or 16.0 percent in the fourth quarter of 2013 compared to the same quarter of 2012. In 2013, government contracts awarded increased \$421.4 million or 54.5 percent compared with the previous year (Tables E-1). State Government CIP expenditures decreased \$10.7 million or 3.4 percent in the quarter (Table E-2). In 2013, CIP expenditures decreased \$150.4 million or 11.6 percent from the previous year.

The Honolulu Construction Cost Indexes increased 6.9 percent for Single Family Residence (Table E-6) and 6.5 percent for High-Rise Building (Table E-7) in the fourth quarter of 2013 over that of 2012.

According to the most recent data available, in the 2013, Honolulu's median price for single family resales was \$650,000, an increase of \$30,000 or 4.8 percent more than 2012 (Table E-9). The median price for condominium units was \$332,000, an increase of \$14,500 or 4.6 percent more than 2012 (Table E-10). In the fourth quarter of 2013, the numbers of single-family unit resales was up 0.7 percent, and condominium unit resales was up 2.3 percent compared with the fourth quarter of 2012 (Tables E-11 and E-12). In 2013, the number of single-family unit resales was up 8.1 percent, and the number of condominium unit resales was up 17.3 percent compared with 2012.

In the fourth quarter of 2013, single-family unit resales decreased 13.4 percent, and condominium unit resales decreased 7.1 percent in Maui County compared to the same quarter of 2012 (Tables E-17 and E-18).



**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
		Total Private Authorizations	Residential 4/	Commercial & Industrial 2/	Additions & Alterations	Contracts Awarded
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/	(NA)	2,720.5	1,025.0	296.5	1,399.0	1,194.2
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
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
2 Qtr.	1,025.0	437.1	276.9	59.3	100.9	133.6
3 Qtr.	1,213.7	497.6	346.6	47.2	103.8	255.7
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
2 Qtr.	1,139.3	716.7	398.1	155.3	163.3	86.0
3 Qtr.	1,179.6	531.0	316.5	87.9	126.6	228.3
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
2 Qtr.	1,126.0	718.9	440.5	50.8	227.6	804.1
3 Qtr.	1,345.9	597.6	366.0	73.0	158.6	187.2
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
2 Qtr.	1,429.8	728.5	450.7	103.4	174.4	105.5
3 Qtr.	1,608.1	1,050.5	662.1	220.1	168.4	314.4
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
2 Qtr.	1,677.1	908.1	451.6	160.7	295.9	174.4
3 Qtr.	1,920.2	1,051.5	460.5	206.5	384.5	220.6
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
2 Qtr.	2,081.1	1,085.7	668.8	222.6	194.2	317.7
3 Qtr.	1,924.9	896.3	412.1	144.3	339.9	255.1
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
2 Qtr.	1,977.5	1,048.5	517.4	154.7	376.5	132.8
3 Qtr.	2,095.9	690.0	346.5	132.3	211.3	351.8
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
2 Qtr.	1,726.6	470.7	160.5	97.3	212.8	197.3
3 Qtr.	1,580.1	558.8	193.4	56.5	308.9	233.8
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
2 Qtr.	1,301.9	537.3	184.9	123.5	228.9	353.7
3 Qtr.	1,487.7	552.4	196.3	84.3	271.8	352.6
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
2 Qtr.	1,443.6	438.4	178.4	47.2	212.7	63.0
3 Qtr.	1,468.2	537.7	206.7	80.2	250.8	124.5
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
2 Qtr.	1,680.8	647.3	246.6	50.6	350.1	280.6
3 Qtr.	1,858.5	686.6	200.2	75.7	410.7	323.3
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
2 Qtr.	1,935.3	714.0	193.3	145.7	375.1	371.0
3 Qtr.	1,844.9	688.4	317.4	27.5	343.6	481.4
4 Qtr.	(NA)	689.0	225.2	76.5	387.3	113.1

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/	(NA)	2.9	22.4	9.4	-8.9	54.5
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.	(NA)	-8.5	-8.1	-8.2	-8.8	16.0

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.

## F. OTHER INDICATORS

The total number of bankruptcy filings in Hawaii decreased 32.6 percent or by 220 cases for the fourth quarter of 2013 from the same quarter of 2012. This was the twelfth quarter-over-quarter decrease since the first quarter of 2011. For the whole year of 2013, total filings decreased 20.3 percent or 532 cases from the previous year.

The number of Chapter 7 filings, the largest category, decreased 31.1 percent or 149 cases in the fourth quarter of 2013. Chapter 7 filings are intended to liquidate assets and discharge debt. For the whole year of 2013, Chapter 7 filings were down 20.9 percent or 410 cases from the previous year.

Chapter 11 filings decreased from 4 cases in the fourth quarter of 2012 to 3 cases in the fourth quarter of 2013. For the whole year of 2013, Chapter 11 filings increased to 20 cases from 13

cases in the previous year. Chapter 11 filings involve the structuring of repayment plans for companies.

Chapter 13 filings in the fourth quarter of 2013 decreased 37.2 percent, or 71 cases from the fourth quarter of 2012. For the whole year of 2013, Chapter 13 filings were down 19.7 percent or 128 cases from the previous year. Chapter 13 bankruptcy allows debtors to work out repayment arrangements with creditors.

For annual, quarterly and monthly bankruptcy statistics, see: <http://www.uscourts.gov/bkrpctystats/statistics.htm>.

For District of Hawaii annual and 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)**

