QUARTERLY STATISTICAL & ECONOMIC REPORT,

Executive Summary 4th Quarter 2017

TABLE of CONTENTS, Exec Summary

Part I. Economic Trends and Outlook	
State of the Economy	3
2017 Quarterly Economic Indicators:	
Table 1. State	4
Outlook of the Economy	5
Actual & Forecast Key Economic Indicators	
for Hawaii: 2015-2020	6
County Economic Conditions	7
2017 Quarterly Economic Indicators:	
Table 2. City & County of Honolulu	8
Table 3. Hawaii County	9
Table 4. Maui County	10
Table 5. Kauai County	11
Part II. Economic Overview and Data	
A. Labor Force and Jobs	12
A-6. Non-Ag Wage and Salary Jobs	13
B. Income and Prices	14
B-4. Personal Income by Major Sources	15
B-12. Honolulu and U.S. CPI-U	16
C. Tax Revenues	18
C-1. General Fund Tax Rev. & Major Comp.	19
D. Tourism	21
D-1. Visitor Arrivals & Aver. Daily Visitor	
Census- By Air	22
D-15. Hotel Occupancy Rate	24
E. Construction	25
E-1. Estim. Value of Completed Construction,	
New Priv. Bldg Auth & Gov't Contracts	
Awarded	26
F. Other Indicators	28



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

Technical notes and source descriptions have been kept to a minimum. However, the staff of the Research and Economic Analysis Division would be happy to respond to any inquiries of a technical nature that readers may have (586-2466). The quarterly information contained in this report reflects data received by the Research Division on or before November 21, 2017.

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

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

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

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

This report has been catalogued as follows:

Hawaii. Dept. of Business, Economic Development and Tourism. Research and Economic Analysis Division.

Quarterly statistical and economic report-State of Hawaii. Honolulu: 1975-

Quarterly.

Hawaii-Statistics.

HA4007.H359

STATE OF THE ECONOMY

Hawaii's major economic indicators were mostly positive in the third quarter of 2017. Visitor arrivals, visitor expenditures, State general fund tax revenues, wage and salary jobs, personal income (through the second quarter), and State CIP expenditures all increased, but private building authorizations, and government contracts awarded decreased in the quarter compared to third quarter 2016.

In the third quarter of 2017, the total number of visitors arriving by air to Hawaii increased 130,484 or 5.8 percent. Due to shorter lengths of stay, the daily visitor census increased 4.9 percent in the quarter. Since visitors spent slightly less on a daily basis in the third quarter of 2017, total visitors by air spending increased 4.8 percent in the quarter. Historical data shows that, after seventeen quarters of positive growth from the third quarter of 2009 to the third quarter of 2013, Hawaii's tourism sector experienced one quarter of negative growth in the fourth quarter of 2013. Since the first quarter of 2014, however, Hawaii's tourism sector returned to positive growth compared with the same quarter in the previous year.

In the third quarter of 2017, the construction sector lost 600 jobs, the government contracts awarded decreased \$268.7 million or 29.4 percent, the permit value for private construction decreased \$167.0 million or 18.8 percent, only the State CIP expenditures increased \$122.4 million or 48.0 percent, compared with the same quarter of 2016. According to the most recent excise tax base data available, current construction put-in-place decreased \$295.6 million or 13.9 percent in the second quarter of 2017, compared with that quarter in 2016.

In the third quarter of 2017, State general fund tax revenues were up \$144.2 million or 9.3 percent over the same period of 2016. State general excise tax revenue increased \$99.9 million or 12.5 percent in the third quarter of 2017, compared to third quarter 2016. In the first three quarters of 2017, State general fund tax revenues increased \$244.0 million or 5.2 percent, and state general excise tax revenue increased \$133.4 million or 5.5 percent, compared to the same period of the previous year.

Labor market conditions were positive. Since the fourth quarter of 2010, Hawaii's jobs increased for the 28th consecutive quarter. In the third quarter of 2017, Hawaii's non-agricultural wage and salary jobs averaged 651,200 jobs, an increase of 7,100 jobs or 1.1 percent from the same quarter of 2016.

The job increase in the third quarter of 2017 was due to job increases in the private sector. In this quarter, the private sector added about 9,800 non-agricultural jobs compared to the third quarter of 2016. Jobs increased the most in Retail Trade, adding 3,300 jobs or 4.7 percent. This was followed by Professional & Business Services, adding 2,900 jobs or 3.5 percent, Food Services and Drinking Places, adding 2,200 jobs or 3.3 percent, Health Care & Social Assistance, adding 1,500 jobs or 2.2 percent, and Accommodation, adding 1,200 jobs or 3.0 percent in the quarter. In the private sector, in third quarter 2017, the most jobs were lost in Wholesale Trade, 900 jobs or 5.0 percent; followed by Financial Activities, lost 900 jobs or 3.1 percent, and Natural Resources, Mining and Construction, lost 600 jobs or 1.6 percent. The three levels of government lost 2,700 jobs or 2.2 percent in the quarter. The Federal Government added 200 jobs or 0.6 percent; State Government lost 2,900 jobs or 0.5 percent.

The U.S. Bureau of Economic Analysis (BEA) estimates of quarterly GDP show, in the second quarter of 2017, total annualized nominal GDP increased \$2,894 million or 3.4 percent, from the second quarter of 2016. In the first half of 2017, total annualized nominal GDP increased \$2,875 million or 3.4 percent from the same period of the previous year. In the second quarter of 2017, total annualized real GDP (in chained 2009 dollars) increased \$1,125 million or 1.5 percent from the second quarter of 2016. In the first half of 2017, total annualized real GDP (in chained 2009 dollars) increased \$1,125 million or 1.5 percent from the second quarter of 2016. In the first half of 2017, total annualized real GDP increased \$1,157 million or 1.6 percent from the same period of the previous year.

In the second quarter of 2017, total non-farm private sector annualized earnings increased \$1,190.8 million or 3.3 percent from the second quarter of 2016. In dollar terms, the largest increase occurred in accommodation and food services; followed by health care and social assistance, transportation and warehousing, retail trade, and real estate and rental and leasing. During the second quarter of 2017, total government earnings increased \$187.4 million or 1.2 percent from the same quarter of 2016. Earnings from the federal government increased \$45.0 million or 0.5 percent. Earnings from the state and local governments increased \$142.4 million or 2.1 percent in the quarter.

In the first half of 2017, Honolulu's Consumer Price Index for Urban Consumers (CPI-U) increased 2.5 percent from first half 2016. This is 0.3 of a percentage point above 2.2 percent increase for the U.S. average CPI-U and higher than the 2016 Honolulu CPI-U increase of 2.0 percent from the previous year. In first half 2017, the Honolulu CPI-U increased most in Apparel (5.8 percent), followed by Housing (4.1 percent), Transportation (2.9 percent), Medical Care (1.5 percent), Other Goods and Services (1.3 percent), Food and Beverages (1.0 percent), and Recreation (1.0 percent) while Education and Communication decreased 3.6 percent compared to the first half of 2016.

		3rd QUARTER		YEAR-TO-DATE				
			% CHANGE			% CHANGE		
SERIES	2016	2017	YEAR AGO	2016	2017	YEAR AGO		
Civilian labor force, NSA (persons) 1/	687,250	688.700	0.2	683,700	692,950	1.4		
Civilian employed, NSA	666,450	671,900	0.8	662,550	674,250	1.8		
Civilian unemployed, NSA	20,850	16,850	-19.2	21,150	18,700	-11.6		
Unemployment rate, NSA (%) 1/ 2/	3.0	2.4	-0.6	3.1	2.7	-0.4		
Total wage and salary jobs, NSA	650,100	(NA)	(NA)	650,600	(NA)	(NA)		
Total non-agric. wage & salary jobs	644,100	651,200	1.1	644,600	651,600	1.1		
Nat. Resources, Mining, Constr.	38,200	37,600	-1.6	37,800	37,300	-1.3		
Manufacturing	14,100	13,900	-1.4	14,100	13,700	-2.8		
Wholesale Trade	17,900	17,000	-5.0	17,800	17,300	-2.8		
Retail Trade	70,100	73,400	4.7	70,000	72,300	3.3		
Transp., Warehousing, Util.	31,800	32,600	2.5	31,400	32,000	1.9		
Information	9,100	9,100	0.0	8,700	9,100	4.6		
Financial Activities	28,600	27,700	-3.1	28,300	28,000	-1.1		
Professional & Business Services	83,500	86,400	3.5	83,300	84,700	1.7		
Educational Services	14,800	15,200	2.7	15,000	15,500	3.3		
Health Care & Social Assistance	68,500	70,000	2.2	68,200	68,400	0.3		
Arts, Entertainment & Recreation	12,100	12,200	0.8	12,000	12,100	0.8		
Accommodation	40,300	41,500	3.0	40,200	41,100	2.2		
Food Services & Drinking Places	66,400	68,600	3.3	65,600	68,100	3.8		
Other Services	27,300	27,300	0.0	27,200	27,200	0.0		
Government	121,400	118,700	-2.2	125,100	124,700	-0.3		
Federal	33,200	33,400	0.6	33,000	33,200	0.6		
State	68,900	66,000	-4.2	73,100	72,500	-0.8		
Local	19,300	19,400	0.5	19,000	19,000	0.0		
Agriculture wage and salary jobs	6,000	(NA)	(NA)	6,000	(NA)	(NA)		
State general fund revenues (\$1,000)	1,545,715	1,689,891	9.3	4,715,160	4,959,145	5.2		
General excise and use tax revenues	801,115	901,033	12.5	2,421,745	2,555,155	5.5		
Income-individual	509,507	548,111	7.6	1,607,470	1,720,658	7.0		
Declaration estimated taxes	85,733	140,907	64.4	454,599	532,126	17.1		
Payment with returns	20,514	17,701	-13.7	168,921	155,275	-8.1		
Withholding tax on wages	464,235	465,715	0.3	1,393,082	1,456,558	4.6		
Refunds ('-' indicates relative to State)	-60,975	-76,212	25.0	-409,132	-423,300	3.5		
Transient accommodations tax	149,651	135,310	-9.6	385,053	394,494	2.5		
Honolulu County Surcharge 3/	61,279	(NA)	(NA)	191,589	(NA)	(NA)		
Private Building Permits (\$1,000)	889,375	722,367	-18.8	2,395,092	2,462,909	2.8		
Residential	429,228	374,067	-12.9	1,081,897	1,240,852	14.7		
Commercial & industrial	39,260	85,373	117.5	145,012	318,155	119.4		
Additions & alterations	420,887	262,928	-37.5	1,168,182	903,902	-22.6		
Visitor Days - by air	20,013,982	20,989,657	4.9	59,756,130	62,450,162	4.5		
Domestic visitor days - by air	14,594,455	15,217,936	4.3	43,414,166	44,989,627	3.6		
International visitor days - by air	5,419,527	5,771,721	6.5	16,341,964	17,460,535	6.8		
Visitor arrivals by air - by air	2,265,810	2,396,294	5.8	6,622,083	6,931,187	4.7		
Domestic flight visitors - by air	1,542,019	1,621,458	5.2	4,502,578	4,690,362	4.2		
International flight visitors - by air	723,791	774,836	7.1	2,119,505	2,240,825	5.7		
Visitor expend arrivals by air (\$1,000)	4,001,262	4,191,673	4.8	11,706,229	12,530,723	7.0		
Hotel occupancy rates (%) 2/	80.6	(NA)	(NA)	79.7	(NA)	(NA)		

Table 1. 2017 QUARTERLY ECONOMIC INDICATORS: STATE OF HAWAII

NA Not available.

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

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

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

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

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

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

Hawaii State Department of Taxation http://www.hawaii.gov/tax/a5_3txcolrpt.htm> and Hospitality Advisors, LLC.

11/21/2017

OUTLOOK FOR THE ECONOMY

Hawaii's economy is expected to continue positive growth for 2017 and 2018. This outlook is based on the most recent developments in the national and global economies, the performance of Hawaii's tourism industry, labor market conditions, and the growth of personal income and tax revenues.

Hawaii's economy depends significantly on conditions in the U.S. economy and key international economies, especially Japan. According to the November 2017 *Blue Chip Economic Consensus Forecasts*, U.S. real GDP is expected to increase by 2.2 percent in 2017, same as the growth rate projected in the July 2017 forecast. For 2018 the consensus forecast predicts an overall 2.5 percent growth in U.S. real GDP.

According to the November 2017 *Blue Chip Economic Consensus Forecast*, real GDP growth for Japan is now expected to increase 1.7 percent in 2017, 0.4 of a percentage point above the growth rate projected in the July 2017 forecast. For 2018, the consensus forecast now projects an overall 1.2 percent growth rate for Japanese real GDP.

For the local economy, DBEDT expects that visitor expenditures and real GDP will both grow at a higher rate than projected in the previous forecast for 2017.

Overall, Hawaii's economy, as measured by real GDP, is projected to show a 1.7 percent increase in 2017, 0.3 of a percentage point above the growth rate forecast last quarter. The real GDP growth forecast for 2018 is 1.5 percent, same as the previous forecast.

Hawaii's unemployment rate is projected to be 2.6 percent in 2017, 0.3 of a percentage point below the previous forecast. The unemployment rate in 2018 is projected to be 2.9 percent, 0.2 of a percentage point below the previous forecast.

Visitor arrivals are expected to increase 4.6 percent in 2017, 1.4 percentage point above the previous forecast. The forecast for visitor days in 2017 increased 1.2 percentage points to 4.6 percent. The 2017 forecast for visitor expenditure growth was revised upward to 6.7 percent, from 6.5 percent growth projected in the previous forecast. For 2018, the growth rate of visitor arrivals, visitor days, and visitor expenditures are now expected to be 2.3 percent, 2.4 percent, and 3.9 percent, respectively.

The projection for the non-agricultural wage and salary job growth rate for 2017 is 1.0 percent, the same as the previous forecast. In 2018, jobs are projected to increase 0.9 percent, also the same as the previous forecast.

The Honolulu Consumer Price Index (CPI) is expected to increase 2.5 percent in 2017, the same as the previous forecast. In 2018, the CPI is projected to increase 2.3 percent, also the same as the previous forecast.

Personal income in current dollars is expected to increase 3.5 percent in 2017, the same as the previous forecast. Real personal income is now projected to grow 1.7 percent in 2017, also same as the previous forecast. In 2018, current-dollar personal income and real personal income are expected to increase 3.4 and 1.5 percent, respectively.

Beyond 2018, the economy is expected to continue its expansion path, with job growth projected to be 1.0 percent in 2019 and 0.8 percent in 2020. Visitor arrivals are expected to increase 1.5 percent in 2019 and 2020. Visitor expenditures are expected to increase 3.6 percent in 2019 and 2020. Real personal income is projected to increase 1.4 percent in both 2019 and 2020. Hawaii's real GDP growth is expected to increase 1.5 percent in 2019 and 1.4 percent in 2020. The unemployment rate is expected to increase to 3.2 percent in 2019 and 3.4 percent in 2020.

ACTUAL AND FORECAST KEY ECONOMIC INDICATORS FOR HAWAII: 2015 TO 2020

Economic Indicators	2015	2016	2017	2018	2019	2020		
	(Act	ual)		(Forecast)				
Total population (thousands)	1,425	1,429	1,436	1,447	1,459	1,470		
Visitor arrivals (thousands) 1/	8,680	8,934	9,348	9,562	9,704	9,848		
Visitor days (thousands) 1/	78,620	80,225	83,929	85,960	87,281	88,596		
Visitor expenditures (million dollars) 1/	15,111	15,911	16,979	17,639	18,272	18,921		
Honolulu CPI-U (1982-84=100)	260.2	265.3	271.9	278.2	284.6	291.1		
Personal income (million dollars)	69,638	71,946	74,464	76,996	79,537	82,162		
Real personal income (millions of 2009\$) 2/	53,634	54,653	55,582	56,416	57,206	58,007		
Non-agricultural wage & salary jobs (thousands)	638.6	647.6	654.1	660.0	666.6	671.9		
Civilian unemployment rate 3/	3.6	3.0	2.6	2.9	3.2	3.4		
Gross domestic product (million dollars)	81,745	84,671	87,348	90,231	93,118	96,098		
Real gross domestic product (millions of 2009\$)	72,675	74,026	75,285	76,414	77,560	78,646		
Gross domestic product deflator (2009=100)	112.4	114.6	116.0	118.1	120.1	122.2		
Annua	al Percenta	age Chan	ge					
Total population	0.6	0.2	0.5	0.8	0.8	0.8		
Visitor arrivals 1/	4.3	2.9	4.6	2.3	1.5	1.5		
Visitor days 1/	3.5	2.0	4.6	2.4	1.5	1.5		
Visitor expenditures 1/	0.9	5.3	6.7	3.9	3.6	3.6		
Honolulu CPI-U	1.0	2.0	2.5	2.3	2.3	2.3		
Personal income	5.3	3.3	3.5	3.4	3.3	3.3		
Real personal income 2/	4.6	1.9	1.7	1.5	1.4	1.4		
Non-agricultural wage & salary jobs	1.8	1.4	1.0	0.9	1.0	0.8		
Civilian unemployment rate 3/	-0.8	-0.6	-0.4	0.3	0.3	0.2		
Gross domestic product	5.9	3.6	3.2	3.3	3.2	3.2		
Real gross domestic product	3.2	1.9	1.7	1.5	1.5	1.4		
Gross domestic product deflator (2009=100)	2.5	1.9	1.3	1.8	1.7	1.8		

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

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

3/ Absolute change from previous year.

Source: Hawaii State Department of Business, Economic Development & Tourism, November 21, 2017.

COUNTY ECONOMIC CONDITIONS

Overall economic conditions were mostly positive across the counties in the third quarter of 2017. The unemployment rate decreased and total non-agricultural wage and salary jobs increased in all counties. Total visitor arrivals by air increased in all counties, and visitor expenditures increased in all counties, except a small decrease in Kauai. The value of private building permits increased in Maui and Kauai but decreased in Honolulu and Hawaii counties.

In the third quarter of 2017, the unemployment rate in all counties decreased. The unemployment rate in Honolulu County decreased 0.5 of a percentage point from 2.8 percent to 2.3 percent; the unemployment rate in Maui County decreased 0.6 of a percentage point from 3.2 percent to 2.6 percent; the unemployment rate in Hawaii County decreased 0.9 of a percentage point from 3.9 percent to 3.0 percent; and the unemployment rate in Kauai County decreased 0.9 of a percentage point from 3.2 percent to 2.3 percent.

In the third quarter of 2017, Honolulu gained 4,700 or 1.0 percent of non-agricultural wage and salary jobs over the same quarter of 2016. Retail Trade added the most jobs (3,100 jobs), followed by Professional & Business Services (2,500 jobs), Food Services & Drinking Places (1,300 jobs), and Accommodation (700 jobs). The Government sector lost 800 jobs. The largest private sector job losses occurred in Financial Activities (1,000 jobs lost), followed by Wholesale Trade (900 jobs lost), and Natural Resources, Mining, and Construction (600 jobs lost).

In the third quarter of 2017, Hawaii County added 300 non-agricultural wage and salary jobs or 0.5 percent, over the same quarter of 2016. Food Services and Drinking Places added the most jobs (500 jobs), followed by Retail Trade (200 jobs), and Transportation, Warehousing, and Utility (200 jobs). The largest private sector job losses occurred in Arts, Entertainment & Recreation (300 jobs lost), followed by Natural Resources, Mining, and Construction (200 jobs lost). The Government sector lost 200 jobs in the quarter.

Maui County saw a net gain of 2,100 jobs or a 2.8 percent increase in the third quarter of 2017 over the same quarter of 2016. Jobs increased the most in Health Care & Social Assistance (1,600 jobs), followed by Arts, Entertainment & Recreation (700 jobs), Accommodation (400 jobs), and Natural Resources, Mining, and Construction (300 jobs). The only private sector job losses occurred in the Manufacturing sector (100 jobs lost). Government lost 1,700 jobs in the quarter.

In the third quarter of 2017, Kauai County gained 100 wage and salary jobs or 0.3 percent from the same quarter of 2016. Food Services and Drinking Places and Accommodation both added 200 jobs in the quarter. The largest private sector job losses occurred in Arts, Entertainment and Recreation (300 jobs lost). Government jobs were unchanged in the quarter.

In the third quarter of 2017, visitor arrivals by air increased in all counties, and visitor expenditures increased in all counties, except Kauai. Visitor arrivals by air increased 5.5 percent in Honolulu, 2.9 percent in Maui, 14.4 percent in Hawaii County, and 7.4 percent in Kauai. Visitor expenditures increased 4.9 percent in Honolulu, 12.9 percent in Hawaii County, 2.8 percent in Maui, but decreased 0.1 percent in Kauai compared to the same quarter of 2016.

In the third quarter of 2017, private building permits decreased in Honolulu and Hawaii County, but increased in Maui and Kauai. Honolulu decreased \$166.1 million or 26.4 percent, Hawaii County decreased \$44.1 million or 30.6 percent; Maui County increased \$30.2 million or 40.0 percent, and Kauai County (only residential available) increased \$13.0 million or 32.6 percent from the same quarter of the previous year.

				YEAR-TO-DATE					
		3rd QUARTER		Ŷ	EAR-TO-DATE				
SERIES	2016	2017	% CHANGE YEAR AGO	2016	2017	% CHANGE YEAR AGO			
Civilian Johar force NSA (parages) 1/	472.250	175 150	0.4	472.050	479 400	1.3			
Civilian labor force, NSA (persons) 1/	473,250	475,150		472,050	478,400				
Civilian employed	459,900	464,100	0.9 -17.2	458,450	466,250 12,150	1.7			
Civilian unemployed	13,350 2.8	11,050 2.3	-17.2 -0.5	13,600 2.9	2.5	-10.7 -0.4			
Unemployment rate, NSA (%) 1/ 2/	2.0	2.3	-0.5	2.9	2.5	-0.4			
Total wage and salary jobs	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)			
Total non-agric. wage & salary jobs	472,400	477,100	1.0	473,300	478,000	1.0			
Nat. Resources, Mining, Constr.	28,300	27,700	-2.1	28,200	27,500	-2.5			
Manufacturing	11,200	11,100	-0.9	11,200	11,000	-1.8			
Wholesale Trade	14,100	13,200	-6.4	14,100	13,500	-4.3			
Retail Trade	47,500	50,600	6.5	47,300	49,300	4.2			
Transp., Warehousing, Util.	22,800	23,400	2.6	22,500	22,900	1.8			
Information	7,800	7,600	-2.6	7,300	7,700	5.5			
Financial Activities	21,900	20,900	-4.6	21,600	21,200	-1.9			
Professional & Business Services	67,400	69,900	3.7	67,200	68,500	1.9			
Educational Services	12,200	12,500	2.5	12,500	12,800	2.4			
Health Care & Social Assistance	52,800	52,600	-0.4	52,700	52,300	-0.8			
Arts, Entertainment & Recreation	7,400	7,300	-1.4	7,300	7,300	0.0			
Accommodation	18,200	18,900	3.8	17,800	18,600	4.5			
Food Services & Drinking Places	45,800	47,100	2.8	45,000	46,600	3.6			
Other Services	21,200	21,100	-0.5	21,100	21,000	-0.5			
Government	93,800	93,000	-0.9	97,600	97,700	0.1			
Federal	30,500	30,700	0.7	30,400	30,500	0.3			
State	50,800	49,800	-2.0	54,900	55,000	0.2			
Local	12,500	12,500	0.0	12,300	12,200	-0.8			
Agriculture wage and salary jobs	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)			
General excise & use tax rev. (\$1,000)	702,634	(NA)	(NA)	2,076,501	(NA)	(NA)			
Income-individual	444,321	(NA)	(NA)	1,405,913	(NA)	(NA)			
Declaration estimated taxes	67,685	(NA)	(NA)	366,629	(NA)	(NA)			
Payment with returns	14,448	(NA)	(NA)	118,741	(NA)	(NA)			
Withholding tax on wages	412,031	(NA)	(NA)	1,236,981	(NA)	(NA)			
Refunds	-49,843	(NA)	(NA)	(316,439)	(NA)	(NA)			
Transient accommodations tax	150,452	(NA)	(NA)	334,778	(NA)	(NA)			
Honolulu County Surcharge 3/	60,930	(NA)	(NA)	189,759	(NA)	(NA)			
Private Building Permits (\$1,000)	629,829	463,709	-26.4	1,579,078	1,649,019	4.4			
Residential	241,795	218,929	-9.5	554,446	743,835	34.2			
Commercial & industrial	20,791	37,139	78.6	57,532	180,508	213.8			
Additions & alterations	367,243	207,641	-43.5	967,100	724,676	-25.1			
Visitor Days - by air	9,746,786	10,129,968	3.9	27,847,361	28,896,746	3.8			
Domestic visitor days - by air	5,407,523	5,555,780	2.7	15,964,234	16,087,819	0.8			
International visitor days - by air	4,339,263	4,574,189	5.4	11,883,126	12,808,927	7.8			
Visitor arrivals by air - by air	1,442,364	1,521,652	5.5	4,092,524	4,264,304	4.2			
Domestic flight visitors - by air	768,795	800,777	4.2	2,212,040	2,273,265	2.8			
International flight visitors - by air	673,569	720,875	7.0	1,880,484	1,991,039	5.9			
Visitor expenditures - by air (\$1,000)	1,946,707	2,041,917	4.9	5,411,424	5,729,615	5.9			
Hotel occupancy rates 2/	87.1	(NA)	(NA)	84.8	(NA)	(NA)			
	0	()	(00	()	()			

Table 2. 2017 QUARTERLY ECONOMIC INDICATORS:CITY AND COUNTY OF HONOLULU

NA Not available.

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

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

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

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

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

Hawaii State Department of Labor & Industrial Relations http://www.hiwi.org/cgi/dataanalysis/?PAGEID=94; Hawaii State Department of Taxation http://www.hawaii.gov/tax/a5_3txcolrpt.htm> and Hospitality Advisors, LLC.

11/15/2017

	3		R	YEAR-TO-DATE				
			% CHANGE			% CHANGE		
SERIES	2016	2017	YEAR AGO	2016	2017	YEAR AGO		
Civilian labor force, NSA (persons) 1/	91,650	90,750	-1.0	90,550	91,400	0.9		
Civilian employed	88,100	88,050	-0.1	87,000	88,450	1.7		
Civilian unemployed	3,550	2,700	-23.9	3,550	2,950	-16.9		
Unemployment rate, NSA (%) 1/ 2/	3.9	3.0	-0.9	3.9	3.2	-0.7		
Total wage and salary jobs	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)		
Total non-agric. wage & salary jobs	66,600	66,900	0.5	66,500	67,000	0.8		
Nat. Resources, Mining, Constr.	4,100	3,900	-4.9	4,100	3,900	-4.9		
Manufacturing	1,300	1,200	-7.7	1,200	1,300	8.3		
Wholesale Trade	1,700	1,700	0.0	1,700	1,700	0.0		
Retail Trade	9,000	9,200	2.2	9,000	9,300	3.3		
Transp., Warehousing, Util.	3,200	3,400	6.3	3,200	3,300	3.1		
Information	600	600	0.0	700	600	-14.3		
Financial Activities	2,600	2,500	-3.8	2,500	2,500	0.0		
Professional & Business Services	6,300	6,400	1.6	6,300	6,300	0.0		
Educational Services	1,200	1,300	8.3	1,300	1,300	0.0		
Health Care & Social Assistance	7,300	7,300	0.0	7,300	7,300	0.0		
Arts, Entertainment & Recreation	1,400	1,100	-21.4	1,300	1,100	-15.4		
Accommodation	6,200	6,100	-1.6	6,200	6,200	0.0		
Food Services & Drinking Places	6,700	7,200	7.5	6,600	7,200	9.1		
Other Services	2,000	2,000	0.0	2,000	2,000	0.0		
Government	13,100	12,900	-1.5	13,200	13,100	-0.8		
Federal	1,400	1,300	-7.1	1,300	1,300	0.0		
State	9,000	8,800	-2.2	9,100	9,000	-1.1		
Local	2,700	2,800	3.7	2,700	2,700	0.0		
Agriculture wage and salary jobs	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)		
General excise & use tax rev. (\$1,000)	37,626	(NA)	(NA)	136,111	(NA)	(NA)		
Income-individual	26,638	(NA)	(NA)	85,459	(NA)	(NA)		
Declaration estimated taxes	7,097	(NA)	(NA)	37,091	(NA)	(NA)		
Payment with returns	2,344	(NA)	(NA)	21,171	(NA)	(NA)		
Withholding tax on wages	21,713	(NA)	(NA)	65,148	(NA)	(NA)		
Refunds	-4,515	(NA)	(NA)	-37,951	(NA)	(NA)		
Transient accommodations tax	(3,182)	(NA)	(NA)	15,292	(NA)	(NA)		
Honolulu County Surcharge 3/	112	(NA)	(NA)	563	(NA)	(NA)		
Private Building Permits (\$1,000)	144.062	00.047	20.6	450,582	220 000	27.2		
Residential	144,063	99,947	-30.6 -35.9	,	328,008 209,663	-27.2		
Commercial & industrial	101,431	65,019		286,270		-26.8		
Additions & alterations	8,727	7,062	-19.1 -17.8	34,816	32,854	-5.6 -34.0		
Additions & alterations	33,904	27,866	-17.0	129,496 -	85,491 -	-34.0		
Visitor Days - by air	2,732,174	3,090,366	13.1	8,624,687	9,584,193	11.1		
Domestic visitor days - by air	2,370,441	2,552,805	7.7	7,298,720	7,966,809	9.2		
International visitor days - by air	361,733	537,561	48.6	1,325,967	1,617,385	22.0		
Visitor arrivals by air - by air	392,351	448,718	14.4	1,159,878	1,316,865	13.5		
Domestic flight visitors - by air	300,354	324,486	8.0	885,069	973,579	10.0		
International flight visitors - by air	91,997	124,232	35.0	274,809	343,286	24.9		
Visitor expenditures - by air (\$1,000)	492,138	555,801	12.9	1,527,426	1,777,466	16.4		
Hotel occupancy rates 2/	67.9	(NA)	(NA)	68.9	(NA)	(NA)		
		、 /	. ,		· · ·	. ,		

Table 3. 2017 QUARTERLY ECONOMIC INDICATORS: HAWAII COUNTY

NA Not available.

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

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

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

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

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

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

 Hawaii State Department of Taxation http://www.hiwi.org/cgi/dataanalysis/?PAGEID=94;

 11/15/2017

		3rd QUARTE	R	YE		
SERIES	2016	2017	% CHANGE YEAR AGO	2016	2017	% CHANGE YEAR AGO
Civilian labor force, NSA (persons) 1/	86,250	87,200	1.1	85,500	87,300	2.1
Civilian employed	83,500	84,950	1.7	82,750	84,700	2.4
Civilian unemployed	2,800	2,250	-19.6	2,800	2,550	-8.9
Unemployment rate, NSA (%) 1/ 2/	3.2	2,230	-0.6	3.3	2,330	-0.9
onemployment rate, NSA (%) 1/ 2/	3.2	2.0	-0.0	5.5	2.9	-0.4
Total wage and salary jobs	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Total non-agric. wage & salary jobs	74,400	76,500	2.8	74,300	76,000	2.3
Nat. Resources, Mining, Constr.	4,000	4,300	7.5	3,900	4,200	7.7
Manufacturing	1,100	1,000	-9.1	1,100	1,000	-9.1
Wholesale Trade	1,500	1,500	0.0	1,500	1,500	0.0
Retail Trade	9,700	9,800	1.0	9,700	9,800	1.0
Transp., Warehousing, Util.	4,200	4,300	2.4	4,100	4,200	2.4
Information	600	600	0.0	600	600	0.0
Financial Activities	3,000	3,100	3.3	3,000	3,100	3.3
Professional & Business Services	7,100	7,300	2.8	7,000	7,200	2.9
Educational Services	1,100	1,200	9.1	1,100	1,200	9.1
Health Care & Social Assistance	5,600	7,200	28.6	5,500	6,200	12.7
Arts, Entertainment & Recreation	2,200	2,900	31.8	2,100	2,800	33.3
Accommodation	11,700	12,100	3.4	11,900	12,000	0.8
Food Services & Drinking Places	9,700	9,900	2.1	9,700	9,900	2.1
Other Services	3,200	3,300	3.1	3,100	3,200	3.2
Government	9,900	8,200	-17.2	9,800	9,300	-5.1
Federal	3,300 800	800	0.0	800	900	12.5
State	6,300	4,600	-27.0	6,300	5,700	-9.5
Local	2,800	2,700	-27.0	2,700	2,700	-9.5
Agriculture wage and salary jobs	2,800 (NA)	2,700 (NA)	-3.0 (NA)	2,700 (NA)	2,700 (NA)	(NA)
		<i>(</i> , , , , , , , , , , , , , , , , , , ,				(1.1.1)
General excise & use tax rev. (\$1,000)	38,913	(NA)	(NA)	147,451	(NA)	(NA)
Income-individual	26,679	(NA)	(NA)	78,498	(NA)	(NA)
Declaration estimated taxes	7,055	(NA)	(NA)	32,829	(NA)	(NA)
Payment with returns	2,768	(NA)	(NA)	20,834	(NA)	(NA)
Withholding tax on wages	21,497	(NA)	(NA)	63,786	(NA)	(NA)
Refunds	-4,641	(NA)	(NA)	(38,950)	(NA)	(NA)
Transient accommodations tax	(3,826)	(NA)	(NA)	16,597	(NA)	(NA)
Honolulu County Surcharge 3/	179	(NA)	(NA)	964	(NA)	(NA)
Private Building Permits (\$1,000)	75,569	105,793	40.0	261,252	375,478	43.7
Residential	46,088	37,200	-19.3	137,002	176,950	29.2
Commercial & industrial	9,742	41,172	322.6	52,664	104,792	99.0
Additions & alterations	19,739	27,421	38.9	71,586	93,735	30.9
Vicitor Dave by air	5 252 005	5 344 000	47	16 107 550	16 742 000	0.4
Visitor Days - by air	5,252,085	5,341,068	1.7	16,407,550	16,743,928	2.1
Domestic visitor days - by air	4,646,546	4,810,971	3.5 12.5	13,864,475	14,275,656	3.0
International visitor days - by air	605,539	530,096	-12.5	2,543,075	2,468,272	-2.9
Visitor arrivals by air - by air	685,277	704,845	2.9	2,023,950	2,086,317	3.1
Domestic flight visitors - by air	580,715	608,202	4.7	1,668,668	1,735,161	4.0
International flight visitors - by air	104,562	96,642	-7.6	355,282	351,156	-1.2
Visitor expenditures - by air (\$1,000) Hotel occupancy rates 2/	1,122,008	1,153,930	2.8	3,500,565	3,629,475	3.7
Hotal acquirance (rates 7)	74.7	(NA)	(NA)	76.3	(NA)	(NA)

Table 4. 2017 QUARTERLY ECONOMIC INDICATORS: MAUI COUNTY

NA Not available.

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

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

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

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

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

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

Hawaii State Department of Taxation http://www.hawaii.gov/tax/a5_3txcolrpt.htm and Hospitality Advisors, LLC.

11/15/2017

	3rd QUARTER YEAR-TO-DATE						
			% CHANGE			% CHANGE	
SERIES	2016	2017	YEAR AGO	2016	2017	YEAR AGO	
Civilian labor force, NSA (persons) 1/	36,100	35,650	-1.2	35,650	35,850	0.6	
Civilian employed	34,950	34,850	-0.3	34,450	34,850	1.2	
			-0.3 -26.1				
Civilian unemployed	1,150	850		1,200	1,000	-16.7	
Unemployment rate, NSA (%) 1/ 2/	3.2	2.3	-0.9	3.4	2.8	-0.6	
Total wage and salary jobs	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	
Total non-agric. wage & salary jobs	30,500	30,600	0.3	30,400	30,400	0.0	
Nat. Resources, Mining, Constr.	1,800	1,700	-5.6	1,700	1,700	0.0	
Manufacturing	400	400	0.0	400	400	0.0	
Wholesale Trade	600	500	-16.7	600	500	-16.7	
Retail Trade	3,900	3,900	0.0	3,900	4,000	2.6	
Transp., Warehousing, Util.	1,500	1,500	0.0	1,500	1,500	0.0	
Information	200	200	0.0	200	200	0.0	
Financial Activities	1,200	1,200	0.0	1,200	1,200	0.0	
Professional & Business Services	2,700	2,800	3.7	2,700	2,700	0.0	
Educational Services	2,700	2,800	0.0	2,700	2,700	0.0	
Health Care & Social Assistance	2,700		3.7	2,700		0.0	
		2,800			2,700		
Arts, Entertainment & Recreation	1,200	900	-25.0	1,200	900	-25.0	
Accommodation	4,200	4,400	4.8	4,200	4,300	2.4	
Food Services & Drinking Places	4,300	4,500	4.7	4,200	4,500	7.1	
Other Services	1,000	1,000	0.0	1,000	1,000	0.0	
Government	4,600	4,600	0.0	4,600	4,600	0.0	
Federal	500	500	0.0	500	500	0.0	
State	2,800	2,700	-3.6	2,800	2,800	0.0	
Local	1,300	1,400	7.7	1,300	1,300	0.0	
Agriculture wage and salary jobs	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	
General excise & use tax rev. (\$1,000)	21,941	(NA)	(NA)	61,683	(NA)	(NA)	
Income-individual	11,869	(NA)	(NA)	37,600	(NA)	(NA)	
Declaration estimated taxes	3,896	(NA)	(NA)	18,050	(NA)	(NA)	
Payment with returns	954	(NA)	(NA)	8,175	(NA)	(NA)	
Withholding tax on wages	8,994	(NA)	(NA)	27,167	(NA)	(NA)	
Refunds	-1,975	(NA)	(NA)	(15,792)	(NA)	(NA)	
Transient accommodations tax	6,208	(NA)	(NA) (NA)	18,386	(NA)	(NA)	
Honolulu County Surcharge 3/	58	(NA)	(NA) (NA)	303	(NA)	(NA)	
		· · · · ·					
Private Building Permits (\$1,000)	39,914	52,918	32.6	104,180	110,403	6.0	
Residential	39,914	52,918	32.6	104,180	110,403	6.0	
Commercial & industrial	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	
Additions & alterations	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	
Visitor Days - by air	2,282,937	2,428,255	6.4	6,876,531	7,225,295	5.1	
Domestic visitor days - by air	2,169,945	2,298,380	5.9	6,286,736	6,659,343	5.9	
International visitor days - by air	112,992	129,875	14.9	589,796	565,952	-4.0	
Visitor arrivals by air - by air	314,048	337,343	7.4	897,868	963,752	7.3	
Domestic flight visitors - by air	285,264	302,018	7.4 5.9	795,443	903,732 849,875	6.8	
International flight visitors - by air	28,784	35,325	22.7	102,424	113,877	11.2	
Visitor expenditures - by air (\$1,000)	20,704 440,410	35,325 440,025	-0.1			10.1	
	440,410	440,020	-0.1	1,266,814	1,394,168	10.1	
Hotel occupancy rates 2/	74.6	(NA)	(NA)	73.5	(NA)	(NA)	

Table 5. 2017 QUARTERLY ECONOMIC INDICATORS: KAUAI COUNTY

NA Not available.

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

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

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

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

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

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

Hawaii State Department of Taxation http://www.hawaii.gov/tax/a5_3txcolrpt.htm> and Hospitality Advisors, LLC.

11/15/2017

A. LABOR FORCE AND JOBS

Hawaii's labor market conditions continued to improve in the third quarter of 2017. Since the civilian labor force increased less than the civilian employment, the civilian unemployment rate decreased 0.6 of a percentage point in the quarter. For the 28th consecutive quarter-over-quarter, civilian non-agricultural wage and salary jobs increased.

In the third quarter of 2017, the civilian labor force averaged 688,700 people, an increase of 1,450 people or 0.2 percent from the same quarter of 2016 (Table A-1). In the first three quarters of 2017, the civilian labor force increased 9,250 people or 1.4 percent from the same period of the previous year.

Civilian employment totaled 671,900 people in the third quarter of 2017, an increase of 5,450 people or 0.8 percent compared to the same quarter of 2016 (Table A-2). This is the 20th quarter-over-quarter increase. In the first three quarters of 2017, average civilian employment increased 11,700 people or 1.8 percent from the same period of the previous year.

In the third quarter of 2017, the number of civilian unemployed averaged 16,850, a decrease of 4,000 people or 19.2 percent from the same quarter of 2016 (Table A-3). In the first three quarters of 2017, the number of unemployed decreased 2,450 people or 11.7 percent from the same period of the previous year.

The unemployment rate (not seasonally adjusted) decreased from 3.0 percent in the third quarter of 2016 to 2.4 percent in the third quarter of 2017 (Table A-4). In the first three quarters of 2017, the unemployment rate decreased 0.4 of a percentage point from the same period of the previous year.

In the third quarter of 2017, Hawaii's nonagricultural wage and salary jobs averaged 651,200 jobs, an increase of 7,100 jobs or 1.1 percent from the same quarter of 2016 (Table A-6). This is the 28th consecutive quarter-overquarter increase in non-agricultural wage and salary jobs after ten consecutive quarter-overquarter decreases in jobs since the second quarter of 2008. In the first three quarters of 2017, average non-agricultural wage and salary jobs increased 1.1 percent or 7,000 jobs from the same period of the previous year.

The job increase in the third quarter of 2017 was due to job increases in the private sector. In this quarter, the private sector added about 9,800 non-agricultural jobs compared to the third quarter of 2016. Jobs increased the most in Retail Trade, adding 3,300 jobs or 4.7 percent (Table A-10). This was followed by Professional & Business Services, adding 2,900 jobs or 3.5 percent (Table A-14), Food Services and Drinking Places, adding 2,200 jobs or 3.3 percent (Table A-19), Health Care & Social Assistance, adding 1,500 jobs or 2.2 percent (Table A-16), and Accommodation, adding 1,200 jobs or 3.0 percent (Table A-18) in the quarter.

For the private sector, in the third quarter of 2017, Wholesale Trade, lost the most jobs, 900 jobs or 5.0 percent (Table A-9); followed by Financial Activities which lost 900 jobs or 3.1 percent (Table A-13), and Natural Resources, Mining and Construction which lost 600 jobs or 1.6 percent (Table A-7) in the quarter.

The three levels of government lost 2,700 jobs or 2.2 percent (Table A-21) in the third quarter of 2017 compared to the same quarter of 2016. The Federal Government added 200 jobs or 0.6 percent (Table A-22); State Government lost 2,900 jobs or 4.2 percent (Table A-23), while Local Government added 100 jobs or 0.5 percent (Table A-24), compared to the third quarter of 2016.

The initial liable claims for unemployment, which measures the number of people who lost jobs in Hawaii and moved to other states, decreased 14.9 percent in the third quarter of 2017 compared to the same quarter of 2016 (Table A-27). In the first three quarters of 2017, the initial liable claims for unemployment decreased 7.7 percent from the same period of the previous year.

Year	First	Second	Third	Fourth	Annual
	Quarter	Quarter	Quarter	Quarter	Average
	Not Sea	asonally Adjusted I	Data. Number of J	lobs 1/	
1990	520,000	528,600	525,900	539,300	528,400
1991	537,900	537,300	536,000	545,200	539,100
1992	543,100	544,700	538,700	544,800	542,800
1993	540,000	543,500	532,100	539,600	538,800
1994	535,300	538,100	530,500	540,600	536,100
1995	536,000	536,300	526,100	533,200	532,900
1996	531,300	531,400	525,900	534,300	530,700
1997	532,900	533,400	526,500	533,600	531,600
1998	529,800	533,000	527,800	534,600	531,300
1999	528,300	534,700	532,500	544,600	535,000
2000	542,300	552,300	549,400	561,500	551,400
2001	555,000	558,850	554,150	551,800	554,950
2002	548,300	556,850	555,000	566,900	556,750
2003	564,050	566,550	564,000	575,950	567,650
2004	573,700	581,750	581,150	596,850	583,350
2005	591,900	601,650	601,000	612,250	601,700
2006	608,700	617,100	615,500	626,850	617,050
2007	621,400	625,400	620,700	631,950	624,850
2008	625,300	623,700	613,000	614,800	619,200
2009	599,050	594,700	582,700	589,400	591,500
2010	583,500	587,600	581,200	595,400	586,900
2011	589,500	592,400	588,700	602,900	593,400
2012	596,000	605,900	604,100	619,200	606,300
2013 2/	611,500	617,900	615,000	629,800	618,600
2014 2/	623,100	626,400	623,100	636,300	627,200
2015 2/	633,000	637,200	634,600	649,700	638,600
2016 2/	644,000	645,600	644,100	656,900	647,600
2017 3/	649,600	654,100	651,200	Year-to-Date	651,600
	-	-	Same Period in Pre		
1991	3.4	1.6	1.9	1.1	2.0
1992	1.0	1.4	0.5	-0.1	0.7
1993 1004	-0.6	-0.2	-1.2	-1.0	-0.7
1994 1995	-0.9 0.1	-1.0 -0.3	-0.3 -0.8	0.2 -1.4	-0.5 -0.6
1995 1996	-0.9	-0.3 -0.9	-0.8 0.0	-1.4	-0.8
1990 1997	-0.9	-0.9	0.0	-0.1	0.2
1997	-0.6	-0.1	0.1	0.2	-0.1
1998 1999	-0.8	-0.1	0.2	1.9	-0.1
2000	2.7	3.3	3.2	3.1	3.1
2000	<u> </u>		0.2	0.1	
				-1 7	()h
2001	2.3	1.2	0.9	-1.7 2.7	0.6 0.3
2001 2002	2.3 -1.2	1.2 -0.4	0.9 0.2	2.7	0.3
2001 2002 2003	2.3 -1.2 2.9	1.2 -0.4 1.7	0.9 0.2 1.6	2.7 1.6	0.3 2.0
2001 2002 2003 2004	2.3 -1.2 2.9 1.7	1.2 -0.4 1.7 2.7	0.9 0.2 1.6 3.0	2.7 1.6 3.6	0.3 2.0 2.8
2001 2002 2003 2004 2005	2.3 -1.2 2.9 1.7 3.2	1.2 -0.4 1.7 2.7 3.4	0.9 0.2 1.6 3.0 3.4	2.7 1.6 3.6 2.6	0.3 2.0 2.8 3.1
2001 2002 2003 2004 2005 2006	2.3 -1.2 2.9 1.7 3.2 2.8	1.2 -0.4 1.7 2.7 3.4 2.6	0.9 0.2 1.6 3.0 3.4 2.4	2.7 1.6 3.6 2.6 2.4	0.3 2.0 2.8 3.1 2.6
2001 2002 2003 2004 2005 2006 2007	2.3 -1.2 2.9 1.7 3.2 2.8 2.1	1.2 -0.4 1.7 2.7 3.4 2.6 1.3	0.9 0.2 1.6 3.0 3.4 2.4 0.8	2.7 1.6 3.6 2.6 2.4 0.8	0.3 2.0 2.8 3.1 2.6 1.3
2001 2002 2003 2004 2005 2006	2.3 -1.2 2.9 1.7 3.2 2.8	1.2 -0.4 1.7 2.7 3.4 2.6	0.9 0.2 1.6 3.0 3.4 2.4	2.7 1.6 3.6 2.6 2.4	0.3 2.0 2.8 3.1 2.6
2001 2002 2003 2004 2005 2006 2007 2008	2.3 -1.2 2.9 1.7 3.2 2.8 2.1 0.6	1.2 -0.4 1.7 2.7 3.4 2.6 1.3 -0.3	0.9 0.2 1.6 3.0 3.4 2.4 0.8 -1.2	2.7 1.6 3.6 2.6 2.4 0.8 -2.7	0.3 2.0 2.8 3.1 2.6 1.3 -0.9
2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011	2.3 -1.2 2.9 1.7 3.2 2.8 2.1 0.6 -4.2 -2.6 1.0	1.2 -0.4 1.7 2.7 3.4 2.6 1.3 -0.3 -4.6 -1.2 0.8	0.9 0.2 1.6 3.0 3.4 2.4 0.8 -1.2 -4.9 -0.3 1.3	2.7 1.6 3.6 2.6 2.4 0.8 -2.7 -4.1 1.0 1.3	0.3 2.0 2.8 3.1 2.6 1.3 -0.9 -4.5 -0.8 1.1
2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012	2.3 -1.2 2.9 1.7 3.2 2.8 2.1 0.6 -4.2 -2.6 1.0 1.1	1.2 -0.4 1.7 2.7 3.4 2.6 1.3 -0.3 -4.6 -1.2 0.8 2.3	0.9 0.2 1.6 3.0 3.4 2.4 0.8 -1.2 -4.9 -0.3 1.3 2.6	2.7 1.6 3.6 2.6 2.4 0.8 -2.7 -4.1 1.0 1.3 2.7	0.3 2.0 2.8 3.1 2.6 1.3 -0.9 -4.5 -0.8 1.1 2.2
2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2/	2.3 -1.2 2.9 1.7 3.2 2.8 2.1 0.6 -4.2 -2.6 1.0 1.1 2.6	1.2 -0.4 1.7 2.7 3.4 2.6 1.3 -0.3 -4.6 -1.2 0.8 2.3 2.0	0.9 0.2 1.6 3.0 3.4 2.4 0.8 -1.2 -4.9 -0.3 1.3 2.6 1.8	2.7 1.6 3.6 2.6 2.4 0.8 -2.7 -4.1 1.0 1.3 2.7 1.7	0.3 2.0 2.8 3.1 2.6 1.3 -0.9 -4.5 -0.8 1.1 2.2 2.0
2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2/ 2013 2/ 2014 2/	2.3 -1.2 2.9 1.7 3.2 2.8 2.1 0.6 -4.2 -2.6 1.0 1.1 2.6 1.9	1.2 -0.4 1.7 2.7 3.4 2.6 1.3 -0.3 -4.6 -1.2 0.8 2.3 2.0 1.4	0.9 0.2 1.6 3.0 3.4 2.4 0.8 -1.2 -4.9 -0.3 1.3 2.6 1.8 1.3	2.7 1.6 3.6 2.6 2.4 0.8 -2.7 -4.1 1.0 1.3 2.7 1.7 1.0	0.3 2.0 2.8 3.1 2.6 1.3 -0.9 -4.5 -0.8 1.1 2.2 2.0 1.4
2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2/	2.3 -1.2 2.9 1.7 3.2 2.8 2.1 0.6 -4.2 -2.6 1.0 1.1 2.6	1.2 -0.4 1.7 2.7 3.4 2.6 1.3 -0.3 -4.6 -1.2 0.8 2.3 2.0	0.9 0.2 1.6 3.0 3.4 2.4 0.8 -1.2 -4.9 -0.3 1.3 2.6 1.8	2.7 1.6 3.6 2.6 2.4 0.8 -2.7 -4.1 1.0 1.3 2.7 1.7	0.3 2.0 2.8 3.1 2.6 1.3 -0.9 -4.5 -0.8 1.1 2.2 2.0

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

 $1\!/$ Data rounded to nearest 100 for 1990-2000 and 2010-2017, and to 50 for 2001-2009.

2/ 2013-2016 data benchmarked by DLIR in March 2017.

3/ 2017 Q2 revised from previous QSER.

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

 $<\!\!https://www.hiwi.org/gsipub/index.asp?docid=\!\!421\!\!>. Quarterly and Year-to-Date averages computed by$

the Hawaii State Department of Business, Economic Development & Tourism.

B. INCOME AND PRICES

The U.S. Bureau of Economic Analysis (BEA) estimates of quarterly GDP (Table B-1 to B-3) show, in the second quarter of 2017, total annualized nominal GDP increased \$2,894 million or 3.4 percent, from the second quarter of 2016. In the first half of 2017, total annualized nominal GDP increased \$2,875 million or 3.4 percent from the same period of the previous year. In the second quarter of 2017, total annualized real GDP (in chained 2009 dollar) increased \$1,125 million or 1.5 percent from the second quarter of 2016. In the first half of 2017, total annualized real GDP (in chained 2009 dollar) increased \$1,125 million or 1.5 percent from the second quarter of 2016. In the first half of 2017, total annualized real GDP increased \$1,157 million or 1.6 percent from the same period of the previous year.

Hawaii's total personal income increased during the second quarter of 2017 over the same quarter of 2016; all major components of personal income increased in the quarter. In dollar terms, the largest increases occurred in wages and salaries, followed by dividends, interest, and rent, personal current transfer receipts, supplements to wages and salaries, and proprietors' income (Table B-4).

In the second quarter of 2017, total nominal annualized personal income (i.e. not adjusted for inflation) increased \$2,117.1 million or 2.9 percent over that of 2016 (Table B-5). In the first half of 2017, total annualized personal income was \$73,667.3 million, an increase of 2.9 percent from the same period of the previous year.

In the second quarter of 2017, wages and salaries increased \$962.3 million or 2.7 percent over that of 2016. This was the 28th consecutive quarterly year-over-year increase since the third quarter of 2010. In the first half of 2017, wages and salaries increased 2.7 percent from the same period of the previous year (Table B-6).

Supplements to wages and salaries, consisting of employer payments to retirement plans, private group health insurance plans, private workers compensation plans, and other such benefits, increased \$247.5 million or 2.4 percent in the second quarter of 2017, from the same quarter of 2016 (Table B-7). In the first half of 2017, supplements to wages and salaries increased 2.1 percent from the same period of the previous year.

Proprietors' income increased \$191.9 million or 3.7 percent in the second quarter of 2017, over that of 2016 (Table B-8). In the first half of 2017, proprietors' income was up 4.8 percent from the same period of the previous year.

Dividends, interest, and rent increased \$491.3 million or 3.2 percent in the second quarter of 2017, from the same quarter of 2016. In the first half of 2017, income in this category was up 3.0 percent from the same period of the previous year (Table B-9).

The annualized personal current transfer receipts grew by \$437.2 million or 3.9 percent in the second quarter of 2017 from the same quarter of 2016 (Table B-10). In the first half of 2017, personal current transfer receipts increased 3.7 percent from the same period of the previous year.

Contributions to government social insurance, which is subtracted from total personal income, increased \$213.1 million or 3.6 percent in the second quarter of 2017, compared to the second quarter of 2016. In the first half of 2017, contributions to government social insurance increased 3.6 percent from the same period of the previous year (Table B-11).

In the second quarter of 2017, total non-farm private sector annualized earnings increased \$1,190.8 million or 3.3 percent from the second quarter of 2016. In dollar terms, the largest increase occurred in accommodation and food services; followed by health care and social assistance, transportation and warehousing, retail trade, and real estate and rental and leasing. During the second quarter of 2017, total government earnings increased \$187.4 million or 1.2 percent from the same quarter of 2016. Earnings from the federal government increased \$45.0 million or 0.5 percent. Earnings from the state and local governments increased \$142.4 million or 2.1 percent in the quarter.

In the first half of 2017, Honolulu's Consumer Price Index for Urban Consumers (CPI-U) increased 2.5 percent from the same period in 2016. (Table B-12). This is 0.3 of a percentage point above 2.2 percent increase for the U.S. average CPI-U and is higher than the 2016 Honolulu CPI-U increase of 2.0 percent from the previous year. In the first half of 2017, the Honolulu CPI-U increased the most in Apparel (5.8 percent), followed by Housing (4.1 percent), Transportation (2.9 percent), Medical Care (1.5 percent), Other Goods and Services (1.3 percent), Food and Beverages (1.0 percent), and Recreation (1.0 percent). The price of Education and Communication decreased 3.6 percent compared to the first half of 2016.

								Percentage		ge change	
									Quarter over	Ann Aver	YTD 2017
	First	Second	First	Second				Second	First	2016	
	Quarter	Quarter	Quarter	Quarter	AnnAver			Quarter	Quarter	from	YTD
Series 1/	2016	2016	2017	2017	2016	YTD 2016	YTD 2017	2016	2017	2015	2016
PERSONAL INCOME	71,253,128	71,876,952	73,340,508	73,994,082	71,946,077	71,565,040	73,667,295	2.9	0.9	3.3	2.9
Earnings By Place of Work	50,730,096	51,257,204	52,192,773	52,658,837	51,239,211	50,993,650	52,425,805	2.7	0.9	3.5	2.8
Wages and salaries	35,497,852	35,926,176	36,489,224	36,888,461	35,883,907	35,712,014	36,688,843	2.7	1.1	3.7	2.7
Supplements to wages and salaries	10,206,532	10,203,904	10,381,187	10,451,375	10,209,444	10,205,218	10,416,281	2.4	0.7	1.6	2.1
Emp'er contrib. for emp'ee pension & ins. funds	7,399,412	7,379,440	7,497,335	7,539,193	7,391,160	7,389,426	7,518,264	2.2	0.6	1.9	1.7
Employer contributions for gov't social ins.	2,807,120	2,824,464	2,883,852	2,912,182	2,818,284	2,815,792	2,898,017	3.1	1.0	0.7	2.9
Proprietors' income	5,025,712	5,127,124	5,322,362	5,319,001	5,145,860	5,076,418	5,320,682	3.7	-0.1	6.2	4.8
Farm proprietors' income	-27,264	-28,496	-9,704	-16,512	-31,102	-27,880	-13,108	(2/)	(2/)	(2/)	(2/)
Nonfarm proprietors' income	5,052,976	5,155,620	5,332,066	5,335,513	5,176,962	5,104,298	5,333,790	3.5	0.1	6.1	4.5
Dividends, interest, and rent	15,179,860	15,212,340	15,606,470	15,703,684	15,250,396	15,196,100	15,655,077	3.2	0.6	2.4	3.0
plus: Personal current transfer receipts	11,153,572	11,268,500	11,555,346	11,705,704	11,310,938	11,211,036	11,630,525	3.9	1.3	3.6	3.7
Social Security benefits	3,861,092	3,898,624	4,003,052	4,034,596	3,910,391	3,879,858	4,018,824	3.5	0.8	3.2	3.6
Medicare benefits	2,259,472	2,275,212	2,322,682	2,337,155	2,283,169	2,267,342	2,329,919	2.7	0.6	3.4	2.8
Medicaid	2,175,148	2,234,688	2,307,042	2,406,219	2,247,137	2,207,342	2,356,631	7.7	4.3	9.3	6.9
State unempl. ins. comp.	113,620	121,448	156,838	150,350	128,911	117,534	153,594	23.8	-4.1	-5.5	30.7
All other personal current transfer receipts	2,744,240	2,738,528	2,765,732	2,777,384	2,741,330	2,741,384	2,771,558	1.4	0.4	-5.5	1.1
Less: Contributions for gov't social insurance	5,810,400	5,861,092	6,014,081	6,074,143	5,854,468	5,835,746	6,044,112	3.6	1.0	2.9	3.6
-								4.1	1.0	2.9 5.1	4.2
Personal contributions for gov't social ins.	3,003,280	3,036,628	3,130,229	3,161,961	3,036,184	3,019,954	3,146,095		1.0	0.7	4.2 2.9
Employer contributions for gov't social ins.	2,807,120	2,824,464	2,883,852	2,912,182	2,818,284	2,815,792	2,898,017	3.1	1.0	0.7	2.9
Earnings By Industry	50,730,096	51,257,204	52,192,773	52,658,837	51,239,211	50,993,650	52,425,805	2.7	0.9	3.5	2.8
Farm Earnings	254,408	260,504	288,760	283,934	259,229	257,456	286,347	9.0	-1.7	9.7	11.2
Nonfarm Earnings	50,475,688	50,996,700	51,904,013	52,374,903	50,979,982	50,736,194	52,139,458	2.7	0.9	3.4	2.8
Private earnings	34,950,864	35,616,464	36,324,535	36,807,253	35,580,461	35,283,664	36,565,894	3.3	1.3	4.5	3.6
Forestry, fishing, & related activities	86,796	88,960	87,731	87,778	87,481	87,878	87,755	-1.3	0.1	6.6	-0.1
Mining	43,396	38,624	35,091	34,566	38,587	41,010	34,829	-10.5	-1.5	-9.6	-15.1
Utilities	531,668	581,240	542,976	546,676	557,064	556,454	544,826	-5.9	0.7	1.5	-2.1
Construction	4,414,296	4,460,100	4,320,427	4,333,480	4,445,981	4,437,198	4,326,954	-2.8	0.3	14.5	-2.5
Manufacturing	928,488	925,172	912,495	923,870	925,702	926,830	918,183	-0.1	1.2	4.2	-0.9
Durable goods	317,168	313,176	305,538	307,079	310,452	315,172	306,309	-1.9	0.5	4.7	-2.8
Nondurable goods	611,320	611,996	606,957	616,791	615,250	611,658	611,874	0.8	1.6	4.0	0.0
Wholesale trade	1,339,652	1,383,892	1,459,533	1,466,006	1,361,748	1,361,772	1,462,770	5.9	0.4	0.7	7.4
Retail trade	3,059,316	3,094,128	3,173,258	3,263,277	3,090,989	3,076,722	3,218,268	5.5	2.8	1.1	4.6
Transportation and warehousing	2,074,256	2,046,164	2,199,699	2,277,808	2,073,885	2,060,210	2,238,754	11.3	3.6	6.8	8.7
Information	712,752	706,936	693,101	718,435	712,885	709,844	705,768	1.6	3.7	-4.3	-0.6
Finance and insurance	1,437,384	1,493,552	1,490,260	1,509,454	1,493,058	1,465,468	1,499,857	1.1	1.3	4.4	2.3
Real estate and rental and leasing	1,591,840	1,618,532	1,727,009	1,714,865	1,624,621	1,605,186	1,720,937	6.0	-0.7	6.2	7.2
Prof., scientific, & technical services	2,785,212	2,838,940	2,857,132	2,868,047	2,826,135	2,812,076	2,862,590	1.0	0.4	1.3	1.8
Management of companies and enterprises	877,012	970,640	961,500	997,962	939,898	923,826	979,731	2.8	3.8	4.2	6.1
Admin. & waste management services	2,314,820	2,325,408	2,292,731	2,327,580	2,341,980	2,320,114	2,310,156	0.1	1.5	1.6	-0.4
Educational services	770,500	780,976	813,469	806,618	774,833	775,738	810,044	3.3	-0.8	3.1	4.4
Health care and social assistance	4,912,176	5,061,156	5,252,542	5,292,911	5,048,667	4,986,666	5,272,727	4.6	0.8	3.9	5.7
Arts, entertainment, and recreation	549,336	567,500	622,242	627,953	571,827	4,900,000 558,418	625,098	10.7	0.0	3.5	11.9
Accommodation and food services	4,483,064	4,582,964	4,767,747	4,878,464	4,607,617	4,533,014	4,823,106	6.4	2.3	4.4	6.4
Other services, except public admin.	2,038,900	4,582,904 2,051,580	2,115,592	2,131,503	2,057,503	2,045,240	2,123,548	0.4 3.9	2.3 0.8	4.4 3.8	0.4 3.8
other services, except public autilit.	2,030,900	2,001,000	2,110,002	2,131,303	2,007,000	2,040,240	2,120,040	5.9	0.0	5.0	5.0

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

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

Otr	her services, except public admin.	2,038,900	2,051,580	2,115,592	2,131,503	2,057,503	2,045,240	2,123,548	3.9	0.8	3.8	3.8
Gov	ernment and government enterprises	15,524,824	15,380,236	15,579,478	15,567,650	15,399,521	15,452,530	15,573,564	1.2	-0.1	1.2	0.8
Fee	deral	8,553,560	8,490,928	8,557,349	8,535,975	8,477,934	8,522,244	8,546,662	0.5	-0.2	-0.9	0.3
F	ederal, civilian	3,634,780	3,644,436	3,751,807	3,770,462	3,656,810	3,639,608	3,761,135	3.5	0.5	2.8	3.3
N	<i>l</i> ilitary	4,918,780	4,846,492	4,805,542	4,765,513	4,821,124	4,882,636	4,785,528	-1.7	-0.8	-3.6	-2.0
Sta	ate and local	6,971,264	6,889,308	7,022,129	7,031,675	6,921,587	6,930,286	7,026,902	2.1	0.1	3.8	1.4

1/ 2014Q1 to 2017Q1 revised from previous QSER.

2/ Percentage change involving negative values not meaningful.

Source: U.S. Department of Commerce, Bureau of Economic Analysis, State Quarterly Personal Income, September 26, 2017 ">http://www.bea.gov/iTable/iTable.cfm?reqid=70&step=1&isuri=1&acrdn=3>">http://www.bea.gov/iTable/iTable.cfm?reqid=70&step=1&isuri=1&acrdn=3>">http://www.bea.gov/iTable/iTable.cfm?reqid=70&step=1&isuri=1&acrdn=3>">http://www.bea.gov/iTable/iTable.cfm?reqid=70&step=1&isuri=1&acrdn=3>">http://www.bea.gov/iTable/iTable.cfm?reqid=70&step=1&isuri=1&acrdn=3>">http://www.bea.gov/iTable/iTable.cfm?reqid=70&step=1&isuri=1&acrdn=3>">http://www.bea.gov/iTable/iTable.cfm?reqid=70&step=1&isuri=1&acrdn=3>">http://www.bea.gov/iTable/iTable.cfm?reqid=70&step=1&isuri=1&acrdn=3>">http://www.bea.gov/iTable/iTable.cfm?reqid=70&step=1&isuri=1&acrdn=3>">http://www.bea.gov/iTable/iTable.cfm?reqid=70&step=1&isuri=1&acrdn=3>">http://www.bea.gov/iTable/iTable.cfm?reqid=70&step=1&isuri=1&acrdn=3>">http://www.bea.gov/iTable/iTable.cfm?reqid=70&step=1&isuri=1&acrdn=3>">http://www.bea.gov/iTable/iTable.cfm?reqid=70&step=1&isuri=1&acrdn=3>">http://www.bea.gov/iTable/iTa

accessed September 26, 2017.

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

[1982-84=100. Data are not seasonally adjusted]

					ŀ	lonolulu				
Period	U.S.	All Items	Food & Beverages	Housing	Apparel	Transpor- tation	Medical Care	Recre- ation 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	152.4 156.9	168.1 170.7	156.8 156.6	174.7 176.8	117.5 118.5	162.4 167.0	209.8 215.0	(NA)	(NA)	216.8 226.5
1996 1997	160.5	170.7	150.0	170.0	110.5	167.0	215.0	(NA) (NA)	(NA) (NA)	220.5
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 2003	179.9 184.0	180.3 184.5	171.9 174.9	181.2 186.2	102.6 98.5	170.9 176.4	2/ 2/	99.5 100.4	107.8 112.5	302.2 307.6
2003	184.0	190.6	174.9	194.3	90.5 101.2	170.4	2/ 275.9	100.4	112.5	312.4
2005	195.3	197.8	185.9	205.2	102.5	191.6	2/ 0.0	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 2010	214.5 218.1	230.048 234.869	224.317 224.774	249.735 251.968	112.811 116.423	200.296 214.411	321.599 320.153	105.239 107.484	122.843 128.483	395.186 415.526
2010 2011	216.1	234.669	224.774 232.656	251.966	116.423	214.411 229.223	320.153 324.180	107.464	126.463	415.526 433.536
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
2014	236.7	257.589	256.023	273.499	111.141	236.373	351.763	119.586	143.488	457.958
2015 2016	237.0 240.0	260.165 265.283	267.041 272.051	276.047 283.565	108.893 111.736	216.756 211.645	378.876 400.408	121.840 124.872	147.869 149.785	478.634 484.820
2010	240.0	205.205	272.001	203.303	111.750	211.045	400.400	124.072	149.705	404.020
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 H2	155.8 157.9	170.5 171.0	156.9 156.3	176.8 176.8	120.0 116.9	166.3 167.7	214.9 215.0	(NA) (NA)	(NA) (NA)	220.6 232.4
1997H1	159.9	171.0	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 H2	165.4 167.8	172.7 173.8	162.4 163.5	175.5 176.0	106.0 104.9	162.3 162.0	231.0 231.5	101.3 102.5	102.6 106.4	273.9 277.3
2000H1	170.8	175.9	165.5	177.3	104.5	167.7	235.9	102.0	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 2002H1	177.5 178.9	178.7 180.1	170.7 172.3	179.3 180.5	102.3 106.2	173.0 171.7	2/ 2/	101.1 99.9	105.8 106.9	291.1 299.1
2002H1 H2	180.9	180.1	172.5	180.5	99.1	171.7	266.5	99.9 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 2005H1	190.2 193.2	191.9 195.0	180.9 184.7	196.3 199.9	99.9 104.9	184.6 188.2	277.0 2/	102.0 98.5	113.6 115.8	315.2 318.6
2003ITT H2	195.2	200.6	187.1	210.5	104.5	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 2008H1	208.976 214.429	222.388 227.334	206.932 212.390	243.250 246.676	105.642 105.917	205.652 215.519	309.195 317.380	103.087 105.600	115.047 115.126	351.295 361.286
2006H1 H2	214.429	230.387	212.390	240.070	103.917	213.319	317.300	103.000	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	218.576 223.598	235.916 241.902	224.922	252.995 258.121	116.281 119.380	214.980 228.484	319.064 321.891	108.382 110.544	131.078 130.444	424.172 435.239
2011H1 H2	223.598 226.280	241.902 245.342	230.565 234.747	258.121 263.092	119.380	228.484 229.962	321.891 326.468	110.544	130.444	435.239 431.834
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	232.366 233.548	253.202 254.646	250.337	269.213 270.557	119.349 118.673	232.743	343.253 347.116	116.347	138.251 140.594	446.226 448.131
H2 2014H1	233.548 236.384	254.646 255.989	251.508 252.895	270.557 271.656	118.673	233.523 237.614	347.116 348.133	117.289 119.313	140.594	448.131 450.011
H2	237.088	259.190	259.151	275.343	110.021	235.132	355.393	119.860	144.995	465.906
2015H1	236.265	257.848	263.610	274.380	109.941	217.288	364.754	120.419	146.406	473.733
H2	237.769	262.482	270.472	277.714	107.845	216.223	392.998	123.261	149.332	483.535
2016H1	238.778 241.237	264.038	272.390	281.079	110.769	210.717	399.192	124.456	150.105	483.778 485.863
H2 2017H1	241.237 244.076	266.528 270.738	271.712 275.042	286.052 292.629	112.703 117.145	212.573 216.836	401.624 405.254	125.288 125.662	149.465 144.769	485.863 489.868
201111		210.100	2/0.042	232.020				0.002	00	

Data on U.S. CPI are released monthly and Honolulu CPI, twice a year in February and August for the half (H) year previous through August 2015. Beginning with the 2nd half and annual average for 2015 data were released in January and will be in January and July henceforth.

NA Not available.

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

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

Source: U.S. Bureau of Labor Statistics, Consumer Price Index-All Urban Consumers (Current Series) accessed">http://data.bls.gov/cgi-bin/dsrv>accessed July 14, 2017, and BLS Honolulu CPI News Releases and http://data.bls.gov/cgi-bin/dsrv>accessed July 14, 2017, and BLS Honolulu CPI News Releases and http://data.bls.gov/cgi-bin/dsrv>accessed July 14, 2017, and BLS Honolulu CPI News Releases and http://www.bls.gov/ro9/cpihono.htm accessed July 14, 2017.

Petrod U.s. All thems Procentage 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) 1 1992 3.0 3.2 3.0 3.2 3.0 3.2 3.0 3.0 2.0 2.1 8.1 (NA) (NA) (NA) 1 1994 2.6 2.7 0.3 3.1 1.9 3.9 4.4 (NA) (NA) 1 1995 2.8 2.2 2.2 1.8 1.0 3.8 1.8 (NA) (NA) (NA) 1 1 1.9 3.9 4.4 (NA) (NA) (NA) (NA) 1 1 1.0 1.1 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.1 1.1 1.4 1.2 1.6 1.1 1.1 1.4 1.2 1.6 1.1 1.4 1.2							Honolulu				
Percentage Change from the Same Period in Previous Year 1997 4.2 7.2 5.9 8.0 3.3 6.3 11.1 (NA) (NA) 1997 3.0 3.2 3.0 3.3 5.8 6.6 (NA) (NA) 1994 2.6 2.7 0.3 3.1 1.9 3.9 4.4 (NA) (NA) 1994 2.6 2.7 0.3 3.1 1.9 3.9 4.4 (NA) (NA) 1996 2.2 1.7 1.2 0.9 2.8 2.5 (NA) (NA) 1997 2.3 0.7 1.7 0.2 -1.0 -0.5 1.1 (NA) (NA) 1998 2.2 1.0 2.4 -0.1 -6.1 -0.2 2.3 1.1 5.4 2000 3.4 1.7 1.2 1.4 4.2 2.9 (2) -1.2 2.1 3.1 2001 2.8 1.2 2.9											Other Goods
1991 4.2 7.2 5.9 8.0 3.3 6.3 11.1 (NA) (NA) 1993 3.0 3.2 3.0 3.0 2.0 2.1 8.1 (NA) (NA) 1994 2.6 2.7 0.3 3.1 1.9 3.9 4.4 (NA) (NA) 1996 2.8 2.2 2.2 1.8 -1.0 0.5 1.1 (NA) (NA) 1997 2.3 0.7 1.7 0.2 -1.0 -0.5 1.1 (NA) (NA) (NA) 1997 1.6 -0.2 -0.1 -0.6 -4.3 -2.2 4.0 (NA) (NA) 1999 1.6 -1.2 1.2 1.4 8.4 -2.1 (2) -2.1 -1.8 -3.2 2007 2.4 2.9 (2) -1.2 -1.8 -3.2 (20) -2.4 4.0 -7 -2.0 -2.4 4.0 -7 -2.0 -	Period	U.S.	All Items				•		ation 1/	Comm. 1/	& Services
1992 3.0 4.8 1.8 5.8 3.3 5.8 6.6 (NA) (NA) 1994 2.6 2.7 0.3 3.1 1.9 3.9 4.4 (NA) (NA) 1996 3.0 1.5 -0.1 1.2 0.9 2.8 2.5 (NA) (NA) 1997 2.3 0.7 1.7 0.2 -1.0 -0.5 1.1 (NA) (NA) 1997 1.6 -0.2 -0.1 -0.6 -4.3 -2.2 4.0 (NA) (NA) 1999 1.6 -0.2 -0.1 -1.6 -1.2 2.1 1.4 5.4 2000 3.4 1.7 1.2 1.2 -1.8 4.6 3.7 0.9 1.4 2002 1.6 1.1 1.4 1.2 1.6 -2.1 2.1 2.1 3.1 2003 3.2 3.2 3.0 4.4 2.7 3.4 0.2 1.4				-		-	_			() () ()	
1993 3.0 3.2 3.0 3.0 2.0 2.1 8.1 (NA) (NA) 1994 2.6 2.7 0.3 3.1 1.9 3.9 4.4 (NA) (NA) 1996 2.8 2.5 2.8 2.5 (NA) (NA) 1997 2.3 0.7 1.7 0.2 1.0 -0.5 1.1 (NA) (NA) 1998 1.6 -0.2 -0.1 -6.1 -0.2 2.3 1.1 5.4 2000 3.4 1.7 1.2 1.2 1.8 4.6 3.7 0.9 1.9 2001 2.8 1.2 2.9 0.7 -2.4 2.9 (2) -1.1 5.4 2002 1.6 1.1 1.4 1.2 1.6 3.2 2.9 1.4 4.2 1.3 4.4 0.7 2.1 3.3 2004 2.4 3.8 3.2 5.6 1.3 5.6 <th< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>· ,</td><td>. ,</td><td>9.5 7.6</td></th<>									· ,	. ,	9.5 7.6
1994 2.6 2.7 0.3 3.1 1.9 3.9 4.4 (NA) (NA) 1996 3.0 1.5 -0.1 1.2 0.9 2.8 2.5 (NA) (NA) 1997 2.3 0.7 1.7 0.2 1.0 -0.5 1.1 (NA) (NA) 1998 1.6 -0.2 -0.1 -0.6 -4.3 -2.2 4.0 (NA) (NA) 1999 2.2 1.0 -2.4 -2.9 (2) -1.2 -1.8 -2.2 2.0 (NA) (NA) 2001 2.8 1.2 2.9 0.7 -2.4 2.9 (2) -1.2 -1.8 -2.2 2001 2.8 1.2 2.9 0.7 -2.4 2.9 (2) -2.1 -3.4 (2) -3.4 -3.4 2002 3.4 1.3 2.8 4.4 1.7 -2.9 2.1 -2.4 -2.9 2.1 -3.4 <th< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>· ,</td><td>. ,</td><td>5.9</td></th<>									· ,	. ,	5.9
1996 3.0 1.5 -0.1 1.2 0.9 2.8 2.5 (NA) (NA) 1997 2.3 0.7 1.7 0.2 1.0 -0.5 1.1 (NA) (NA) 1998 1.6 -0.2 2.3 1.1 5.4 2000 3.4 1.7 1.2 1.2 1.8 4.6 3.7 0.9 1.9 2001 2.8 1.2 2.9 0.7 -2.4 2.9 2.0 -1.4 1.1 5.4 2003 2.3 2.3 1.1 1.4 1.2 1.6 -2.1 1.3 1.4 2003 2.3 2.3 1.7 2.8 4.0 3.2 (2) 1.4 0.7 1.3 2.4 0.3 2.2 2003 3.4 3.5 7.2 -0.2 1.4 4.2 1.3 2.4 0.3 2.2 2006 0.4 0.5 3.6									· ,	. ,	4.7
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	1995			2.2			3.8		(NA)	(NA)	3.4
1998 1.6 -0.2 -0.1 -0.6 -4.3 -2.2 4.0 (NA) (NA) (NA) 1999 2.2 1.0 2.4 -0.1 -6.1 -0.2 2.3 1.1 5.4 2000 3.4 1.7 1.2 1.2 -1.8 4.6 3.7 0.9 1.9 2001 2.8 1.2 2.9 0.7 -2.4 2.9 (2) -1.2 -1.8 3.2 2003 2.3 2.3 1.7 2.8 -4.0 3.2 (2) 1.9 0.9 4.4 2004 2.7 3.3 3.0 4.4 2.7 3.4 (2) 1.5 0.0 2 2006 3.4 3.8 3.5 7.4 -0.2 1.4 (2) 1.6 0.3 2.0 3.4 1.1 4.6 2 2 2.6 2.8 2.8 2.9 2 2 2.1 4.8 2 2 2									· ,	. ,	4.5
									· ,	. ,	5.5 7.2
2000 3.4 1.7 1.2 1.8 4.6 3.7 0.9 1.9 2001 2.8 1.2 2.9 0.7 -2.4 2.9 (2) -1.2 -1.8 3 2002 1.6 1.1 1.4 1.2 1.6 -2.1 (2) -2.1 3.1 2004 2.7 3.3 3.0 4.4 2.7 3.4 (2) 1.9 4.4 0.7 2006 3.4 3.8 3.2 5.6 1.3 5.0 (2) 3.4 0.7 2 2007 2.8 4.8 5.5 7.2 -0.2 1.4 (2) 1.6 0.0 3.2 2008 3.8 4.3 5.7 4.3 1.1 4.4 1.0 4.8 2.0 1.3 2.8 2.9 4.2 2010 1.6 2.1 0.2 0.9 3.2 3.2 3.8 3.2 2011 3.2 3.7									· ,	. ,	7.6
											1.5
2003 2.3 2.3 1.7 2.8 4.40 3.2 (2) 0.9 4.4 2004 2.7 3.3 3.0 4.4 2.7 3.4 (2) 1.9 0.9 2.4 2006 3.2 5.9 4.5 8.4 1.9 5.5 (2) 4.4 0.7 2007 2.8 4.8 5.5 7.2 -0.2 1.4 (2) 1.5 0.0 4.4 2009 3.8 4.3 5.7 4.3 1.1 4.4 (2) 1.5 0.0 4.9 4.0 2010 1.6 2.1 0.2 0.9 3.2 7.0 -0.4 2.1 4.6 4.4 1.9 2.6 0.9 3.2 2.2 3.8 2.9 2.2 2.1 2.4 4.4 1.9 2.6 0.9 3.2 2.5 1.6 2.9 2.0 1.3 2.8 2.9 2.2 1.8 2.5 1.6 2.9											3.4
2004 2.7 3.3 3.0 4.4 2.7 3.4 (2) 1.9 0.9 2 2006 3.4 3.8 3.2 5.6 1.3 5.0 (2) -4.4 0.7 2 2006 3.2 5.9 4.5 8.4 1.9 5.5 (2) 3.4 -0.3 3 2008 3.8 4.3 5.7 4.3 1.1 4.4 (2) 2.6 2.8 2.8 2009 -0.4 0.5 3.6 0.4 7.2 -6.4 1.1 0.0 4.9 2 2010 1.6 2.1 0.2 0.9 3.2 7.0 -0.4 2.1 4.6 4.9 2011 3.2 3.7 3.5 3.4 1.7 6.9 3.2 3.2 3.8 2.2 3.8 2013 1.5 1.8 3.4 1.7 -2.0 0.8 3.2 2.5 1.6 3.2 2.5											4.5
$\begin{array}{c c c c c c c c c c c c c c c c c c c $											1.8 1.6
2006 3.2 5.9 4.5 8.4 1.9 5.5 (2) 3.4 -0.3 3.2 2007 2.8 4.8 5.5 7.2 -0.2 1.4 (2) 1.5 0.0 2008 3.8 4.3 5.7 4.3 1.1 4.4 (2) 2.6 2.8 4 2010 1.6 2.1 0.2 0.9 3.2 7.0 -0.4 2.1 4.6 4 2011 3.2 3.7 3.5 3.4 1.7 6.9 1.3 2.8 2.9 2012 2.1 2.4 4.4 1.9 2.6 0.9 3.2 3.2 3.8 2014 1.6 1.4 1.9 2.4 2.9 1.4 1.6 1.4 1.9 2.4 2.9 1.4 2016 1.3 2.0 1.9 2.7 2.6 -2.4 5.7 2.5 1.3 1996H1 2.8 2.2											2.8
								(2/)			3.5
$\begin{array}{c c c c c c c c c c c c c c c c c c c $											4.6
$\begin{array}{c c c c c c c c c c c c c c c c c c c $											5.2 8.1
											5.1
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$											4.3
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$											1.6
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$											1.5 2.4
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$											4.5
H2 3.1 0.9 -0.5 0.5 0.0 1.7 1.5 (NA) (NA) 1997H1 2.6 0.9 1.6 0.3 -0.2 0.9 0.3 (NA) (NA) H2 2.1 0.5 1.7 0.1 -1.8 -1.8 1.9 (NA) (NA) 1998H1 1.5 -0.1 0.4 -0.6 -2.8 -2.7 3.2 (NA) (NA) 1999H1 1.9 0.4 1.5 -0.5 -8.9 -0.6 3.8 -0.1 3.7 2000H1 3.3 1.9 1.9 1.0 -1.4 3.3 2.1 1.8 4.6 H2 3.5 1.7 0.4 1.4 -2.2 5.9 5.3 0.1 -0.8 2001H1 3.4 1.3 1.7 0.8 -4.6 4.9 4.3 -1.0 -3.5 2002H1 1.3 1.1 2.4 1.0 6.5 -2.4 (1.3
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	1996H1						3.9		· ,		2.9
H2 2.1 0.5 1.7 0.1 -1.8 -1.8 1.9 (NA) (NA) (NA) 1998H1 1.5 -0.1 0.4 -0.6 -2.8 -2.7 3.2 (NA) (NA) (NA) H2 1.6 -0.5 -0.5 -0.7 -5.9 -1.7 4.9 (NA) (NA) (NA) H2 2.5 1.6 3.4 0.2 -2.9 0.1 0.7 2.2 7.2 7.2 2000H1 3.3 1.9 1.9 1.0 -1.4 3.3 2.1 1.8 4.6 H2 3.5 1.7 0.4 1.4 -2.2 5.3 0.1 -0.8 2001H1 3.4 1.3 1.7 0.8 -4.6 4.9 4.3 -1.0 -3.5 5 2002H1 1.3 1.1 2.4 1.0 6.5 -2.4 (2) -2.2 3.3 H2 1.9 1.0 0.5									· ,	. ,	6.0
1998H11.5-0.10.4-0.6-2.8-2.73.2(NA)(NA)(NA) $H2$ 1.6-0.5-0.5-0.7-5.9-1.74.9(NA)(NA)(NA)1999H11.90.41.5-0.5-8.9-0.63.8-0.13.77200H13.31.91.91.0-1.43.32.11.84.6 $H2$ 3.51.70.41.4-2.25.95.30.1-0.8200H13.41.31.70.8-4.64.94.3-1.0-3.5 $H2$ 2.21.14.00.4-0.30.9(2/)-1.50.23 $H2$ 2.21.14.00.4-0.30.9(2/)-1.92.742002H11.31.12.41.06.5-2.4(2/)-2.23.34 $H2$ 1.91.00.51.5-3.1-1.7(2/)-1.92.742003H12.51.70.82.3-6.62.0(2/)-0.63.92 $H2$ 2.02.92.63.2-1.34.5(2/)-2.23.32.24 $H2$ 3.03.32.84.62.13.9(2/)0.5-0.222003H12.33.33.41.342.9(2/)3.32.24 $H2$ 3.03.1 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>. ,</td><td>5.4 5.6</td></t<>										. ,	5.4 5.6
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$. ,	9.4
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	H2					-5.9		4.9	(NA)	(NA)	5.1
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$											7.7
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$											7.5 1.3
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$											1.3
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$											3.6
H21.91.00.51.5-3.1-1.7 $(2/)$ -1.92.742003H12.51.70.82.3-6.62.0 $(2/)$ -0.63.92H22.02.92.63.2-1.34.5 $(2/)$ 2.34.702004H12.33.33.34.13.42.9 $(2/)$ 3.32.20H23.03.32.84.62.13.9 $(2/)$ 0.5-0.222005H13.03.12.94.02.24.4 $(2/)$ -4.02.02H23.84.53.47.20.15.7 $(2/)$ -4.9-0.722005H13.85.85.28.34.73.87.1 $(2/)$ 2.4-1.33H22.65.85.28.34.73.87.1 $(2/)$ 2.4-1.33H22.65.85.28.34.73.84.40.8332007H12.55.05.97.7-1.41.4 $(2/)$ 1.1-1.24H23.43.66.73.1-1.03.33.01.83.542008H14.24.94.75.63.25.4 $(2/)$ 3.52.04H23.43.66.73.1-1.03.33.01.83.5420											3.3
$\begin{array}{c c c c c c c c c c c c c c c c c c c $											4.0
$\begin{array}{c c c c c c c c c c c c c c c c c c c $											4.9 2.6
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$											0.9
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$		2.3	3.3	3.3	4.1	3.4		(2/)	3.3	2.2	0.8
H2 3.8 4.5 3.4 7.2 0.1 5.7 $(2/)$ -4.9 -0.7 2.7 $2006H1$ 3.8 5.8 5.8 3.7 8.5 -0.8 7.1 $(2/)$ 2.4 -1.3 3.6 $H2$ 2.6 5.8 5.2 8.3 4.7 3.8 $(2/)$ 4.4 0.8 3.6 $2007H1$ 2.5 5.0 5.9 7.7 -1.4 1.4 $(2/)$ 1.1 -1.2 4.6 $H2$ 3.1 4.8 5.1 6.7 0.9 1.5 $(2/)$ 1.8 1.2 4.6 $2008H1$ 4.2 4.9 4.7 5.6 3.2 5.4 $(2/)$ 3.5 2.0 4.6 $2008H1$ 4.2 4.9 4.7 5.6 3.2 5.4 $(2/)$ 3.5 2.0 4.6 $2008H1$ 4.2 4.9 4.7 5.6 3.2 5.4 $(2/)$ 3.5 2.0 4.6 $2008H1$ 4.2 4.9 4.7 5.6 3.2 5.4 $(2/)$ 3.5 2.0 4.6 $2009H1$ -0.6 0.3 5.8 0.8 8.0 -11.0 1.5 0.0 5.0 5.0 $H2$ -0.1 0.7 1.4 0.0 6.3 -1.7 0.8 -0.1 4.7 4.7 $2010H1$ 2.1 2.5 -0.1 0.9 1.9 11.5 -0.3 0.9 4.1 4.7 $H2$ 1											2.3
$\begin{array}{c c c c c c c c c c c c c c c c c c c $											2.9 2.6
$\begin{array}{c c c c c c c c c c c c c c c c c c c $											3.4
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	H2	2.6	5.8	5.2	8.3	4.7	3.8	(2/)	4.4	0.8	3.5
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$											4.3
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$											5.0 5.1
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$											5.1 5.2
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $											7.5
H2 1.2 1.7 0.5 0.9 4.5 2.9 -0.6 3.4 5.1 <td></td> <td>-0.1</td> <td>0.7</td> <td>1.4</td> <td>0.0</td> <td>6.3</td> <td>-1.7</td> <td>0.8</td> <td>-0.1</td> <td>4.7</td> <td>8.7</td>		-0.1	0.7	1.4	0.0	6.3	-1.7	0.8	-0.1	4.7	8.7
2011H1 2.8 3.5 2.6 2.9 2.4 6.8 0.2 3.7 3.6 7											4.7
											5.5
ר הי די											7.0 1.8
											1.0
											2.0
2013H1 1.5 1.8 3.9 2.0 -2.3 -0.2 2.8 2.6 1.8		1.5	1.8	3.9	2.0	-2.3		2.8		1.8	1.4
											1.7 0.8
											0.8 4.0
											5.3
H2 0.3 1.3 4.4 0.9 -2.0 -8.0 10.6 2.8 3.0 3		0.3	1.3	4.4	0.9	-2.0	-8.0	10.6	2.8	3.0	3.8
											2.1
											0.5 1.3

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

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

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

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

Source: U.S. Bureau of Labor Statistics, Consumer Price Index-All Urban Consumers (Current Series) accessed">http://data.bls.gov/cgi-bin/dsrv>accessed July 14, 2017, and BLS Honolulu CPI News Releases and http://data.bls.gov/cgi-bin/dsrv>accessed July 14, 2017, and BLS Honolulu CPI News Releases and http://data.bls.gov/cgi-bin/dsrv>accessed July 14, 2017, and BLS Honolulu CPI News Releases and http://www.bls.gov/ro9/cpihono.htm accessed July 14, 2017.

The State general fund tax revenues increased in the third quarter of 2017 compared to the same quarter of 2016.¹ The GET increased the most in the quarter in dollar terms, followed by the Net Individual Income Tax, and the Net Corporate Income Tax. The Transient Accommodations Tax (TAT) decreased in the quarter.

In the third quarter of 2017, total tax collections distributed to the State general fund totaled \$1,689.9 million, an increase of \$144.2 million or 9.3 percent over the same quarter of 2016 (Tables C-1 and C-2). In the first three quarters of 2017, State general fund tax revenues were up \$244.0 million or 5.2 percent over the same period of the previous year.

During the third quarter of 2017, GET revenues (excluding the Honolulu County Surcharge) totaled \$901.0 million, an increase of \$99.9 million or 12.5 percent over the same quarter of 2016 (Table C-3). In the first three quarters of 2017, GET revenues increased \$133.4 million or 5.5 percent from the same period of the previous year.

Compared to the third quarter of 2016, Net Individual Income Tax revenues increased \$38.6 million or 7.6 percent to \$548.1 million in the third quarter of 2017 (Table C-4). In the third quarter of 2017, Declaration of Estimated Taxes increased \$55.2 million or 64.4 percent (Table C-5), Payments with Returns decreased \$2.8 million or 13.7 percent (Table C-6), Revenues from Withholding Tax on Wages increased \$1.5 million or 0.3 percent (Table C-7), and Refunds increased \$15.2 million or 25.0 percent (Table C-8). In the first three quarters of 2017, Net Individual Income Tax collections increased \$113.2 million or 7.0 percent from the same period of the previous year.

Net Corporate Income Tax revenues, which tend to be volatile in nature, increased \$8.6 million or 46.4 percent to \$27.0 million in the third quarter of 2017 compared to the same quarter of 2016 (Table C-9). In the third quarter of 2017, the Declaration of Estimated Taxes increased \$5.8 million or 17.6 percent (Table C-10), the Payment with Returns decreased \$4.0 million (Table C-11), and the Refunds decreased \$6.7 million or 38.0 percent (Table C-12), compared with the same quarter of 2016. In the first three quarters of 2017, Net Corporate Income Tax revenues decreased \$4.4 million or 8.3 percent from the same period of the previous year.

In the third quarter of 2017, Transient Accommodations Tax (TAT) revenues decreased \$14.3 million or 9.6 percent compared to the same quarter of 2016 (Table C-13). In the first three quarters of 2017, TAT revenues increased \$9.4 million or 2.5 percent from the same period of the previous year.

¹ 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.

Ye	ar	General Excise and Use Tax	Net Individual Income Tax 1/	Net Corporate Income Tax 2/	Tax Revenues Distributed to State General Fund
		I	n Thousands of Dolla	ars	
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 1005		1,347,945	1,003,479	34,228	2,672,291
1995 1996		1,386,684 1,469,766	918,811 995,456	37,336 51,243	2,614,713 2,799,972
1990 1997		1,433,012	995,450 985,000	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 2012		2,588,488 2,844,741	1,460,621 1,651,212	19,548 112,695	4,662,521 5,258,356
2012 2013		2,844,741 2,907,622	1,745,615	135,338	5,258,356
2013		2,907,022	1,820,693	65,746	5,535,709
2014		3,141,489	2,054,098	76,462	5,998,615
2016		3,205,733	2,118,219	89,697	6,215,407
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
2004	4 Qtr.	438,113	297,117	-260	806,515
2004	1 Qtr. 2 Qtr.	506,097 482,899	261,760 335,713	12,022 36,737	874,018 946,670
	2 Qtr. 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
2000	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
0007	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. 3 Qtr.	662,003 646,384	488,514 379,033	42,336 27,297	1,295,154 1,146,614
	4 Qtr.	652,765	379,033	1,245	1,124,851
2008	1 Qtr.	678,489	336,354	14,593	1,138,545
2000	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
2011	4 Qtr. 1 Qtr.	578,824 652 857	379,587 289 893	-4,900 -8,202	1,092,946
2011	2 Qtr.	652,857 652,551	289,893 412,388	-8,202 45,923	1,068,341 1,259,112
	2 Qtr. 3 Qtr.	652,551 655,038	412,388 395,424	45,923 10,662	1,259,112
	3 Qtr. 4 Qtr.	628,042	395,424 362,916	-28,835	1,119,826
2012	4 Qtr. 1 Qtr.	628,042 711,092	276,663	-28,835 33,542	1,119,826
2012	2 Qtr.	703,779	276,663 506,048	53,542 57,658	1,166,786
	2 Qtr. 3 Qtr.	703,779 738,753	506,048 435,471	21,335	1,346,738
	3 Qtr. 4 Qtr.	691,117	433,030	160	1,268,837
2013	4 Qtr. 1 Qtr.	757,923	433,030 351,323	14,909	1,282,306
2010	2 Qtr.	756,693	516,183	64,584	1,572,300
	2 Qtr. 3 Qtr.	698,689	454,022	39,471	1,311,027
	3 Qtr. 4 Qtr.	694,316	434,022 424,087	16,374	1,284,968
2014	4 Qtr. 1 Qtr.	746,724	346,914	-11,265	1,286,988
-017	2 Qtr.	740,724	520,787	42,441	1,487,285
	2 Qtr. 3 Qtr.	740,811 754,466	453,178	42,441 15,558	1,348,688
	3 Qtr. 4 Qtr.	737,774	499,814	19,012	1,412,748
2015	4 Qtr. 1 Qtr.	782,302	499,814 464,230	9,632	1,444,563
2010	2 Qtr.	773,665	404,230 570,972	8,118	1,529,142
	2 Qtr. 3 Qtr.	831,149	520,447	50,082	1,593,064
	3 Qtr. 4 Qtr.	754,374	498,450	8,630	1,431,846
2016	4 Qtr. 1 Qtr.	818,316	498,450	-17,278	1,504,155
2010	2 Qtr.	802,314	495,998 601,965	51,601	1,665,290
	2 Qtr. 3 Qtr.	802,314	509,507	18,476	1,545,715
	3 Qtr. 4 Qtr.	783,988	510,748	36,898	1,500,247
2017	4 Qtr. 1 Qtr.	831,893	556,351	-31,911	1,575,636
3/		822,229	616,196	53,298	1,693,618
	2 Qtr. 3 Qtr.	901,033	548,111	27,047	1,689,891

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

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

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

3/ Revised from previous QSER.

Source: Hawaii State Department of Taxation and http://www.hawaii.gov/tax/a5_3txcolrpt.htm.

Year	General Excise and Use Tax	Net Individual Income Tax 1/	Net Corporate Income Tax 2/	Tax Revenues Distributed to State General Fund
	Percentage Chang	ge from the Same Per	iod in Previous Year	
1991	3.0	21.2	-18.2	6.7
1992	0.9	2.4	-39.4	5.3
1993 1994	0.7 3.0	3.2 5.5	-48.0 53.9	1.3 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 2002	3.1 1.1	1.8 -3.7	-28.6 14.7	3.4 -1.8
2002 2003	8.4	-3.7 1.1	-90.6	-1.8 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 2010	-10.6	-19.0	-52.1 44.0	-12.8 7.3
2010 2011	3.6 8.8	8.5 6.2	-63.0	7.3 8.1
2012	9.9	13.0	476.5	12.8
2012	2.2	5.7	20.1	3.7
2014	2.5	4.3	-51.4	1.6
2015	5.4	12.8	16.3	8.4
2016	2.0	3.1	17.3	3.6
2003 1 Qtr. 2 Qtr.	15.0 13.4	-4.6 -3.6	(3/) -11.8	1.3 7.4
2 Qtr. 3 Qtr.	0.0	-3.6 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. 3 Qtr.	14.8 11.6	20.5 11.0	27.3 342.7	17.3 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. 2 Qtr.	3.8 12.6	-4.1 -0.4	586.7 -23.4	0.9 4.3
2 Qtr. 3 Qtr.	6.7	4.8	19.8	4.5
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. 2 Qtr.	-13.1 -9.6	-21.1 -33.7	-36.9 -42.2	-16.2 -18.0
2 Qtr. 3 Qtr.	-11.8	-6.7	-42.2	-18.0 -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. 4 Qtr.	5.8 5.4	-53.7 11.4	-85.9 (3/)	-13.6 9.0
2011 1 Qtr.	5.4 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. 3 Otr	7.9 12.8	22.7 10.1	25.6 100.1	15.6 10.8
3 Qtr. 4 Qtr.	12.8 10.0	10.1 19.3	100.1 (3/)	10.8 13.3
2013 1 Qtr.	6.6	27.0	-55.6	8.0
2 Qtr.	7.5	2.0	12.0	8.0
3 Qtr.	-5.4	4.3	85.0	-2.7
4 Qtr.	0.5	-2.1	10,135.3	1.3
2014 1 Qtr. 2 Otr	-1.5	-1.3	(3/)	0.4
2 Qtr. 3 Qtr.	-2.1 8.0	0.9 -0.2	-34.3 -60.6	-5.4 2.9
3 Qtr. 4 Qtr.	6.3	17.9	16.1	9.9
2015 1 Qtr.	4.8	33.8	(3/)	12.2
2 Qtr.	4.4	9.6	-80.9	2.8
3 Qtr.	10.2	14.8	221.9	18.1
4 Qtr.	2.3	-0.3	-54.6	1.4
2016 1 Qtr. 2 Qtr.	4.6 3.7	6.8 5.4	(3/) 535.7	4.1 8.9
	3.7 -3.6	5.4 -2.1	-63.1	-3.0
ארך S Ωtr	-0.0	- ∠ . I		
3 Qtr. 4 Qtr.		25	327.5	48
3 Qtr. 4 Qtr. 2017 1 Qtr.	3.9 1.7	2.5 12.2	327.5 84.7	4.8 4.8
4 Qtr.	3.9			

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

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

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

3/ Percentage changes involving negative values not meaningful.

4/ Revised from previous QSER.

Source: Hawaii State Department of Taxation and http://www.hawaii.gov/tax/a5_3txcolrpt.htm.

D. TOURISM

Visitor arrivals continue to be strong, with both domestic and international visitor arrivals increasing in the third quarter of 2017. Due to shorter lengths of stay, the daily visitor census increased slightly less than the increase of visitor arrivals in the quarter. Since visitors spent slightly less on a daily basis during the third quarter of 2017, total visitor spending increased less than the growth of the average total daily visitor census in the quarter. With the exception of the fourth quarter of 2013, visitor arrivals have increased since the third quarter of 2009.

The total number of visitor arrivals by air increased 130,484 or 5.8 percent in the third quarter of 2017, compared to the same quarter of 2016 (Tables D-1 and D-2). The total average daily census was up 10,605 or 4.9 percent in the quarter. In the first three quarters of 2017, total visitor arrivals by air increased 309,104 or 4.7 percent, while the average daily census increased 10,667 or 4.9 percent from the same period of the previous year.

In the third quarter of 2017, total visitor arrivals on domestic flights increased 79,439 or 5.2 percent compared to the same quarter of 2016 (Table D-3). In the first three quarters of 2017, domestic arrivals were up 187,784 or 4.2 percent from the same period of the previous year.

Arrivals on international flights increased 51,045 or 7.1 percent in the third quarter of 2017 compared to the third quarter of 2016 (Table D-4). In the first three quarters of 2017, international arrivals were up 121,320 or 5.7 percent from the same period in the previous year.

In terms of major market areas, from the third quarter of 2016 to the same period of 2017, arrivals from the U.S. West increased 61,274 or 6.5 percent (Table D-5), arrivals from the U.S. East increased 23,083 or 4.9 percent (Table D-6), and arrivals from Japan increased 26,368 or 6.4 percent (Table D-7). In the first three quarters of 2017, arrivals from the U.S. West were up 119,687 or 4.4 percent; arrivals from the U.S. East were up 83,211 or 5.7 percent; and Japanese arrivals were up 74,274 or 6.7 percent from the same period of the previous year. In the third quarter of 2017, the length of stay per visitor decreased slightly. Due to the shorter length of stay, the average total daily visitor census increased less than the growth of visitor arrivals in the quarter. The total average daily visitor census was up 4.9 percent or 10,605 visitors per day in the third quarter of 2017, over the same quarter of 2016 (Table D-8). The domestic average daily census increased 4.3 percent or 6,777 visitors per day (Table D-9), while the international average daily census increased 6.5 percent or 3,828 visitors per day (Table D-10). In the first three quarters of 2017, the domestic average daily census increased 6,351 or 4.0 percent; and the international average daily census increased 4,316 or 7.2 percent from the same period of the previous year.

Nominal visitor expenditures by air totaled \$4,191.7 million in the third quarter of 2017, up 4.8 percent or \$190.4 million from the same quarter of 2016 (Table D-11). In the first three quarters of 2017, visitor expenditures increased \$824.5 million or 7.0 percent compared with the same period in the previous year.

Total airline capacity, as measured by the number of available seats flown to Hawaii, increased 3.5 percent or 106,692 seats (Table D-12) in the third quarter of 2017, domestic seats increased 2.5 percent or 53,912 seats (Table D-13); international seats increased 5.9 percent or 52,780 seats (Table D-14), compared to the same quarter of 2016. In the first three quarters of 2017, the number of total available seats increased 0.8 percent or 72,725 seats from the same period of the previous year.

In the first quarter of 2017, the statewide hotel occupancy rate averaged 81.2 percent, 0.4 of a percentage point higher than the same quarter of 2016 (Table D-15). In 2016, the statewide hotel occupancy rate averaged 79.2 percent, 0.5 of a percentage point higher than the previous year.

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

		Visitor Arrivals 1/	Average Daily Visitor Census				
Year	Total	Domestic	International	Total	Domestic	International	
1990 1991	6,723,531 6,518,460	4,315,161 4,068,508	2,408,370 2,449,952	154,517 147,323	113,066 105,686	41,450 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 1995	6,364,674 6,546,759	3,813,279 3,743,474	2,551,395 2,803,285	156,630 157,098	107,904 105,649	48,726 51,450	
1995 1996	6,723,141	3,794,113	2,803,285 2,929,028	157,098	105,649	51,450	
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 2000	6,741,037 6,948,595	4,255,621 4,446,936	2,485,416 2,501,659	164,439 168,637	117,998 123,442	46,441 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 2004	6,380,439 6,912,094	4,531,289 4,892,960	1,849,150 2,019,134	161,048 171,481	123,389 132,355	37,659 39,126	
2004	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 2009	6,713,436 6,420,448	4,901,893 4,672,001	1,811,543 1,748,447	172,487 165,082	135,239 129,100	37,248 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 2013	7,867,143 8,003,474	5,403,025 5,405,300	2,464,118 2,598,174	201,267 202,876	148,887 149,213	52,380 53,663	
2014	8,196,342	5,486,059	2,710,283	206,217	151,076	55,141	
2015 2016 2/	8,563,018 8,821,802	5,782,140 5,968,779	2,780,878 2,853,023	213,934 217,675	156,026 157,953	57,908 59,723	
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. 2002 1 Qtr.	1,267,662 1,537,636	923,632 1,042,844	344,030 494,792	134,185 162,745	105,365 122,622	28,821 40,124	
2002 7 Qtr. 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. 2 Qtr.	1,562,878 1,501,363	1,049,338 1,168,919	513,540 332,444	163,475 150,775	118,886 123,760	44,588 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. 3 Qtr.	1,712,588 1,852,939	1,252,707 1,318,363	459,881 534,576	164,897 180,936	131,766 140,130	33,132 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. 3 Qtr.	1,787,046 1,995,901	1,304,549 1,452,425	482,497 543,476	172,635 196,484	137,683 153,816	34,952 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. 3 Qtr.	1,865,545 1,992,088	1,410,404 1,496,473	455,141 495,615	180,356 195,968	147,415 156,511	32,942 39,457	
4 Qtr.	1,833,607	1,342,409	491,198	182,876	144,638	38,238	
2007 1 Qtr. 2 Qtr.	1,826,527 1,856,609	1,323,255 1,434,445	503,272 422,164	193,365 184,702	149,663 150,976	43,701 33,726	
3 Qtr.	2,002,719	1,491,746	510,973	195,509	156,793	38,716	
4 Qtr. 2008 1 Qtr.	1,810,966	1,333,085	477,881	184,106	146,380	37,727	
2008 1 Qtr. 2 Qtr.	1,841,516 1,668,379	1,347,836 1,251,941	493,680 416,438	196,032 166,503	152,981 134,204	43,051 32,299	
3 Qtr.	1,670,428	1,202,383	468,045	167,502	129,701	37,801	
4 Qtr. 2009 1 Qtr.	1,533,113 1,568,857	1,099,733 1,106,530	433,380 462,327	160,101 169,946	124,250 130,386	35,851 39,561	
2 Qtr.	1,595,081	1,232,085	362,996	161,808	130,589	31,219	
3 Qtr. 4 Qtr.	1,715,358 1,541,152	1,253,208 1,080,178	462,150 460,974	169,752 158,893	133,326 122,142	36,426 36,751	
4 Qtr. 2010 1 Qtr.	1,638,407	1,118,852	460,974 519,555	158,893	122,142	46,207	
2 Qtr.	1,696,892	1,261,393	435,499	169,223	133,002	36,221	
3 Qtr. 4 Qtr.	1,856,948 1,724,647	1,351,315 1,225,792	505,633 498,855	186,931 177,829	144,558 136,417	42,373 41,412	
2011 1 Qtr.	1,781,445	1,241,338	540,107	196,827	146,802	50,025	
2 Qtr. 3 Qtr.	1,724,205 1,872,833	1,297,685 1,335,712	426,520 537,121	173,967 186,064	138,108 143,099	35,858 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. 3 Qtr.	1,910,870 2,042,534	1,368,575 1,389,278	542,295 653,256	191,073 201,523	146,486 148,332	44,587 53,191	
4 Qtr.	1,979,748	1,343,442	636,306	201,785	148,940	52,845	
2013 1 Qtr. 2 Qtr.	2,022,871 1,974,892	1,356,149 1,399,913	666,722 574,979	216,218 194,526	156,744 148,513	59,474 46,013	
3 Qtr.	2,077,453	1,399,913	574,979 684,896	205,127	148,513 149,990	46,013 55,138	
4 Qtr.	1,928,258	1,256,681	671,577	195,832	141,761	54,072	
2014 1 Qtr. 2 Qtr.	2,028,633 2,011,759	1,318,882 1,402,026	709,751 609,733	217,477 198,049	154,902 149,363	62,576 48,687	
3 Qtr.	2,120,639	1,424,360	696,279	204,784	151,815	52,969	
4 Qtr. 2015 - 1 Otr	2,035,311	1,340,791 1,371,980	694,520 725 882	204,713	148,289 158 420	56,424 65 709	
2015 1 Qtr. 2 Qtr.	2,097,862 2,145,806	1,371,980 1,513,399	725,882 632,407	224,128 208,378	158,420 157,721	65,709 50,657	
3 Qtr.	2,197,037	1,483,636	713,401	212,094	154,700	57,394	
4 Qtr. 2/ 2016 1 Qtr.	2,122,312 2,173,406	1,413,124 1,427,670	709,188 745,736	211,299 226,150	153,335 158,576	57,963 67,575	
2/ 2 Qtr.	2,182,867	1,532,889	649,978	210,576	158,125	52,452	
2/ 3 Qtr. 2/ 4 Qtr.	2,265,810 2,199,720	1,542,019 1,466,202	723,791 733,518	217,543 216,446	158,635 156,484	58,908 59,962	
2/ 2017 1 Qtr.	2,199,720 2,223,939	1,466,202	733,518 772,797	235,066	162,759	59,962 72,307	
2/ 2 Qtr.	2,310,954	1,617,763	693,192	223,127	166,191	56,936	
3 Qtr.	2,396,294	1,621,458	774,836	228,148	165,412	62,736	

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

Staying overnight or longer.
 2/ 2016 data are revised, and 2017 data are preliminary.

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

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

Ver Conversion of the same function for seven for					LY VISITOR CENSUS - BY AIR - Con. Average Daily Visitor Census			
Decembing Change from the Same Finds in Previous Year								
j901 3.1 -6.7 1.7 -4.7 -6.6 0.5 1992 -0.7 -6.8 5.6 3.3 -0.0 0.5 1994 4.8 6.8 2.0 0.2 7.4 3.5 1996 2.2 1.4 8.9 0.8 -5.1 5.9 1997 2.6 1.4 3.2 -1.0 0.1 3.7 7.8 1999 -2.4 3.2 -1.01 0.11 3.7 7.8 1999 -2.4 3.2 -4.0 1.12 2.6 3.1 4.5 0.7 2.8 4.6 -2.7 2000 3.1 4.5 0.7 2.8 4.6 -2.1 3.1 4.9 2005 7.3 8.6 4.2 8.1 3.4 4.9 2005 7.3 8.6 3.2 0.0 0.9 3.6 2007 -0.4 6.6 3.2 0.0 0.9 3.6	Year						International	
1982 0.77 0.48 0.85 0.31 0.98 0.87 1984 4.0 0.00 2.0 0.42 0.31 0.35 1987 2.23 1.44 4.55 0.03 0.21 1.58 1987 2.23 1.44 4.55 0.03 0.21 0.55 2000 0.24 0.01 1.01 1.07 1.05 2000 0.31 4.55 0.40 1.22 2.52 2001 0.33 4.00 1.22 2.52 1.12 2002 1.4 3.22 0.41 4.02 1.02 1.43 2004 8.3 8.0 0.22 1.44 1.22 2.54 1.44 2007 -0.44 4.53 3.44 4.64 8.43 4.44 2007 -0.44 4.22 6.44 8.94 1.44 3.44 2007 -0.45 3.44 2.46 2.44 2.44 2.44 2.44	1991		<u> </u>				0.5	
1994 4.8 6.8 2.0 6.2 7.4 3.5 1996 2.7 1.4 4.5 0.08 0.7 0.5 1997 0.6 2.2 2.0 0.7 0.5 2.3 1997 0.6 2.4 3.2 -1.0 0.1 3.3 -7.5 2000 3.3 -6.0 -16.8 4.22 -4.3 -11.2 2001 -9.3 8.60 9.2 6.65 1.9 -3.8 2003 -0.1 4.0 8.9 0.65 1.3 8.4 4.9 2004 8.3 8.0 9.2 6.6 1.3 3.1 4.9 2005 7.3 8.65 4.2 8.3 3.1 4.9 2006 -0.4 4.2 4.5 4.6 2.0 3.3 3.6 2007 7.7 6.1 12.1 7.8 5.7 15.4 2010 7.7 6.1 12.1								
1998 2.9 1.18 9.9 0.3 2.21 5.6 1997 0.0 2.5 -2.0 -0.7 1.5 -6.2 1998 2.21 6.0 -3.7 4.5 5.3 2.2 2001 3.1 4.0 1.67 2.5 4.2 1.2 2002 4.4 3.2 -2.4 -2.2 2.5 3.3 2003 0.1 4.0 0.52 0.5 7.3 3.6 2004 6.3 8.0 9.2 6.5 7.3 3.8 2005 7.3 8.6 4.2 4.5 4.4 4.4 2007 -0.4 -0.5 3.2 3.6 -2.4 2011 3.7 5.4 4.5 4.4 4.4 1.5 2011 3.7 5.4 2.4 2.4 4.1 5.4 2011 3.7 5.4 2.6 7.7 1.2 3.0 2011 1.7<								
1996 2.7 1.4 4.5 0.80 0.7 0.92 1997 0.0 2.5 2.0 0.7 1.5 5.2 1998 2.2 6.0 3.7 4.5 5.7 2.8 2000 3.1 4.5 0.7 2.6 4.8 2.7 2001 4.3 5.0 -16.8 4.2 4.3 2.7 2003 4.4 3.00 8.9 2.6 5 7.3 3.8 2006 7.3 8.6 4.2 6.1 9.1 4.9 2006 1.5 4.5 6.0 3.2 0.0 0.9 3.6 2007 -0.4 0.6 3.2 0.0 0.9 3.6 2009 -4.4 -4.7 3.5 -3.3 4.5 3.4 2017 7.7 6.1 1.2 2.8 3.7 3.2 2014 2.4 2.4 2.4 2.4 2.4 2.4								
1997 0.6 2.5 2.0 -0.7 1.5 5.2 1998 2.2 6.0 3.7 4.5 5.3 2.5 2007 -9.3 6.0 1.6.9 -6.2 4.3 1.12 2007 -9.3 6.0 1.6.9 -6.2 4.3 1.12 2006 4.1 4.0 4.9 2.6.5 1.3 3.8 2006 1.5 4.5 6.6 2.2 3.6 -2.8 2006 1.5 4.5 6.6 2.2 3.6 -2.8 2006 1.5 4.5 6.6 2.2 3.6 -2.8 2007 -0.4 4.0.1 1.21 7.8 5.7 1.6.4 2007 -0.4 4.0.7 3.6 0.2 2.8 2.6 1.7 1.2 3.4 2007 2.4 1.5 5.4 2.6 3.7 3.3 5.0 2017 1.7 3.7 3.4								
1998 2-24 3.22 -10.1 0.11 3.77 7.78 1999 2.2 6.0 3.77 4.65 5.73 2.65 7.25 20001 3.31 4.55 0.77 2.66 4.63 7.71 2007 4.14 3.22 2.44 1.22 2.53 2.44 2006 6.37 8.66 4.22 6.13 7.84 3.84 2006 7.5 4.66 3.22 0.00 0.99 3.86 2007 -0.44 0.66 3.22 0.00 0.99 3.86 2009 -4.44 4.47 -3.55 -4.33 -4.54 3.44 2010 7.7 6.11 12.1 7.83 3.44 4.64 4.84 3.45 2017 3.07 3.00 3.22 2.24 1.77 1.22 2.8 2014 2.44 2.44 2.46 3.77 1.22 3.1 2016 .15								
$\begin{array}{c c c c c c c c c c c c c c c c c c c $								
2001 -9.3 -5.0 -16.9 -6.2 -4.3 -11.2 2003 -0.1 4.0 -8.9 0.5 1.9 -3.8 2004 8.3 8.0 9.2 6.5 7.3 3.8 2006 1.5 4.5 -6.0 2.2 3.6 7.3 2006 1.5 4.5 -6.0 2.2 3.6 7.3 2008 -0.04 -0.2 -6.4 -8.8 -0.04 -3.1 2008 -0.04 -1.22 -6.4 -8.8 -1.04 -3.1 2008 -0.17 -1.1 -1.1 -1.4 -3.1 -1.1 -3.1 2011 -3.7 0.4 1.5 -4.6 0.6 -2.2 -2.4 -2.2 -2.4 -2.2 -2.4 -2.2 -2.4 -2.2 -2.4 -2.2 -2.4 -2.2 -2.4 -2.2 -2.4 -2.2 -2.4 -2.2 -2.4 -2.2 -2.3 -2.5								
2002 1.4 3.2 2.2.4 1.2 2.5.5 3.4.8 2004 8.3 8.0 9.2 6.5 7.3 3.8 2006 7.3 8.6 4.2 8.1 9.1 4.9 2006 1.5 4.5 6.6 2.2 3.6 2.2.8 2007 -0.4 0.6 3.2 0.0 0.9 3.6 2009 -4.4 4.7 -3.5 4.3 4.6 3.4 2010 7.7 6.1 1.2.5 4.4 4.4 4.4 2011 7.7 6.1 1.2.5 4.3 4.6 1.4 2014 2.4 1.0 5.4 0.8 0.2 2.4 2014 2.4 1.15 4.3 1.6 1.2 2.8 2017 3.4 1.2.2 1.4 2.0 1.1 1.3 3.5 2017 0.4 1.4 7.2 3.7 3.3 5.0 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>								
2003 -0.1 4.0 -8.9 0.6 1.9 3.8 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 0.0 3.2 0.0 0.9 3.8 2009 -10.4 -12.2 5.4 4.9 1.14 3.1 2009 -4.4 4.7 3.5 4.3 4.4 3.4 2011 7.7 6.4 2.0.4 8.3 4.8 1.16 2012 9.7 5.4 2.0.4 8.3 4.8 1.0.6 2014 2.4 1.5 4.3 1.6 1.2 2.8 2007 -0.0 3.0 3.2 2.0 1.0 1.3 3.6 2007 -0.4 3.2 2.6 1.7 3.6 3.6 2007 0.4 1.2 -1.2 5.7 3.6 3.6 <								
$\begin{array}{c c c c c c c c c c c c c c c c c c c $								
20061.54.54.60 222 3.61 2.28 2008 -10.4-1.22-5.4-8.9-10.4-3.15 2009 -4.4-4.7-3.5-4.3-4.5-3.4 2010 7.76.112.17.85.715.4 2011 3.73.44.5-4.44.115.4 2012 9.75.420.48.34.813.8 2015 -4.55.42.63.73.35.0 2015 -4.55.42.63.73.35.0 2015 -4.55.42.63.73.35.0 2015 -4.57.4-4.24.0-1.1-3.1 2007 -5.4-1.2-4.24.0-1.1-3.1 2003 2.97.2-5.73.05.33.5 2003 1.6-1.6-1.63.6-2.00 2003 1.6-1.6-1.63.6-2.00 307 1.54.7-4.60.82.6-4.3 2004 1.54.7-4.60.82.6-4.3 2004 1.0+1.17.22.83.94.6-2.0 307 1.54.7-4.60.82.6-4.3 2004 1.0+1.17.17.84.6-4.3 2004 1.0+1.17.17.84.6-2.2 307 7.71.02.17.8<			8.0			7.3		
$\begin{array}{c c c c c c c c c c c c c c c c c c c $								
2008 -10.4 -1122 -5.4 -0.9 -10.4 -3.1 2009 -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 2013 1.7 0.6 5.4 2.04 8.3 4.8 18.5 2015 4.4 1.5 4.2 2.6 3.7 1.2 3.1 2016 2.7 1.0.3 3.4 -22.1 -8.0 -3.1 -20.3 2016 2.7 -1.0.3 3.4 -22.1 -8.0 -3.1 -1.2.3 3.0r. 2.92 1.15 5.6 -7.6 2.3 4.5 -4.6 3.0r. 1.5 4.7 -4.6 0.8 2.6 -4.33 2.001 10r. 1.6 0.6 3.8 0.4 -3.0 -2.0 3.0r. 1.5 4.7 -4.6 0.8 2.6 -4.33 2.017 1.6<								
$\begin{array}{c c c c c c c c c c c c c c c c c c c $								
2011 3.7 3.4 4.5 4.4 4.1 5.4 2012 9.7 5.4 20.4 8.3 1.6 0.2 2.4 2016 2.4 1.5 4.3 1.6 0.2 2.8 2016 2.4 1.5 4.3 1.6 0.2 2.8 2016 2.6 1.2 -4.0 -1.1 3.1 2.2 2017 0.7 1.63 -3.4 -2.2 4.0 -1.3 3.5 2007 0.7 2.42 11.5 6.51 -7.6 2.3 4.5 -2.0 2007 1.65 0.65 -2.5 4.9 7.9 -3.0 2007 1.07 1.66 0.8 1.06 6.8 4.5 2.26 4.9 7.9 -3.0 2007 1.6 9.8 1.00 4.3 4.4 5.5 7.6 2								
2012 9.7 5.4 20.4 8.3 4.8 19.6 2013 1.7 0.0 5.4 2.6 1.7 1.2 2.1 2015 4.5 5.4 2.6 1.7 1.2 3.1 2007 7.4 4.0 3.1 -2.3 3.5 2007 5.4 1.2 -1.42 4.0 -1.1 3.35 2007 5.4 1.2 -1.42 4.0 -1.1 -2.33 2007 1.07 1.6 0.6 3.8 0.4 -3.0 1.1 2007 1.07 5.5 7.6 2.3 4.5 -4.6 2007 1.07 4.5 2.25 4.9 7.9 -3.0 2007 1.07 1.02 1.17 4.6 6.6 $2.2.6$ 2007 1.07 1.02 1.3 3.8 7.2 2.4								
2014 2.4 1.5 4.3 1.6 1.2 2.8 2015 4.5 5.4 2.6 1.7 1.2 3.1 2007 6.4 -1.2 -14.2 4.0 -3.1 -20.3 2 007. 5.4 -1.2 -14.2 4.0 -1.1 -13.1 3 007. 2.4 1.5 5.6.1 17.2 9.9 4.3.8 2 007. -5.2 4.8 -28.8 -16 3.6 -20.9 3 007. 1.5 5.5 -7.6 2.3 4.5 -4.6 4 007. 1.5 4.7 -4.6 0.8 2.6 -4.9 2 007. 1.4.1 7.2 38.3 9.4 6.5 2.26 3 007. 7.8 6.8 10.0 6.8 8.7 -9.9 3 007. 07.4 1.4 4.9 4.7 -4.6 5.5 3 07. 7.1 7.6 2.3 7.1 7.8 -9.9 <td>2013</td> <td>1.7</td> <td>0.0</td> <td>5.4</td> <td>0.8</td> <td>0.2</td> <td>2.4</td>	2013	1.7	0.0	5.4	0.8	0.2	2.4	
2006 $0n$ -10.3 -3.4 -22.1 -80.0 -3.1 -20.3 2 0n -5.4 -1.2 -14.2 40.0 -1.1 -13.1 3 0 n 2.9 7.2 -5.7 3.0 5.3 -35.5 4 0n 2.42 11.5 58.1 17.2 9.9 43.8 2001 $0n$ -5.2 4.8 -28.8 -16.3 3.0 11.1 2 0n -5.2 4.8 -28.8 -16.6 3.6 -20.5 3 0n 1.5 4.7 -46.6 0.8 26.6 4.5 2 0n 14.1 7.2 38.3 9.4 6.5 22.5 3 0n 7.7 8.6 10.4 6.3 8.7 7.9 2 0n 4.11 7.2 38.3 9.4 6.5 2.5 2 0n 4.11 12.4 8.2 12.0 14.4 <t< td=""><td></td><td></td><td></td><td>4.3</td><td>1.6</td><td></td><td></td></t<>				4.3	1.6			
$\begin{array}{c c c c c c c c c c c c c c c c c c c $								
$\begin{array}{c c c c c c c c c c c c c c c c c c c $								
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	2 Qtr.	-5.4	-1.2	-14.2	-4.0	-1.1	-13.1	
$\begin{array}{c c c c c c c c c c c c c c c c c c c $								
$\begin{array}{c c c c c c c c c c c c c c c c c c c $								
$\begin{array}{c c c c c c c c c c c c c c c c c c c $								
$\begin{array}{c c c c c c c c c c c c c c c c c c c $								
$\begin{array}{c c c c c c c c c c c c c c c c c c c $								
$\begin{array}{c c c c c c c c c c c c c c c c c c c $								
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$								
$\begin{array}{c c c c c c c c c c c c c c c c c c c $								
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$								
$\begin{array}{c c c c c c c c c c c c c c c c c c c $								
$\begin{array}{c c c c c c c c c c c c c c c c c c c $								
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $								
$\begin{array}{c c c c c c c c c c c c c c c c c c c $				-5.7				
$\begin{array}{c c c c c c c c c c c c c c c c c c c $								
$\begin{array}{c c c c c c c c c c c c c c c c c c c $								
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	2 Qtr.	-0.5	1.7	-7.2	2.4			
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$								
$\begin{array}{c c c c c c c c c c c c c c c c c c c $								
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	2 Qtr.	-10.1	-12.7	-1.4	-9.9	-11.1	-4.2	
$\begin{array}{c c c c c c c c c c c c c c c c c c c $								
$\begin{array}{c c c c c c c c c c c c c c c c c c c $								
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	2 Qtr.	-4.4	-1.6	-12.8	-2.8	-2.7	-3.3	
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$								
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$				12.4	4.6			
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	2 Qtr.				4.6		16.0	
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$								
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	2011 1 Qtr.	8.7	10.9	4.0	10.8	11.6	8.3	
$\begin{array}{c c c c c c c c c c c c c c c c c c c $								
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$								
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	2012 1 Qtr.	8.6	4.9	17.1	7.0	3.4	17.7	
$\begin{array}{c c c c c c c c c c c c c c c c c c c $								
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$								
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	2013 1 Qtr.	4.6	4.2	5.5	2.6	3.3	1.0	
$\begin{array}{c c c c c c c c c c c c c c c c c c c $								
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	4 Qtr.	-2.6	-6.5	5.5	-3.0	-4.8	2.3	
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$				6.5				
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$								
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	4 Qtr.	5.6	6.7	3.4	4.5	4.6	4.4	
$\begin{array}{c c c c c c c c c c c c c c c c c c c $								
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$								
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	4 Qtr.	4.3	5.4	2.1	3.2	3.4	2.7	
2/ 3 Qtr. 3.1 3.9 1.5 2.6 2.5 2.6 2/ 4 Qtr. 3.6 3.8 3.4 2.4 2.1 3.4 2/ 2017 1 Qtr. 2.3 1.6 3.6 3.9 2.6 7.0 2/ 2 Qtr. 5.9 5.5 6.6 6.0 5.1 8.5								
2/ 4 Qtr. 3.6 3.8 3.4 2.4 2.1 3.4 2/ 2017 1 Qtr. 2.3 1.6 3.6 3.9 2.6 7.0 2/ 2 Qtr. 5.9 5.5 6.6 6.0 5.1 8.5								
2/ 2 Qtr. 5.9 5.5 6.6 6.0 5.1 8.5	2/ 4 Qtr.	3.6	3.8	3.4	2.4	2.1	3.4	
<u>3 Qtr.</u> 5.8 5.2 7.1 4.9 4.3 6.5								
	<u> </u>		5.2	7.1				

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

Staying overnight or longer.
 2/ 2016 and 2017 Q1 and Q2 are revised, and 2017 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.

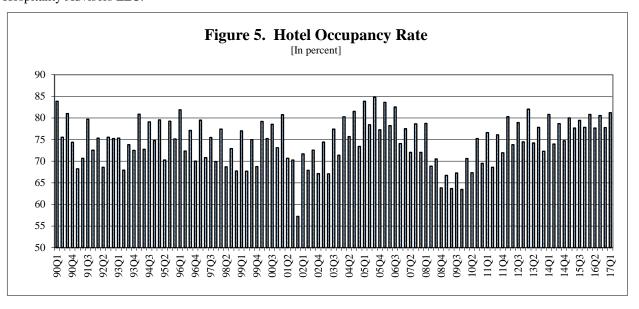
Table D-15.	HOTEL	OCCUPANCY	RATE
-------------	-------	-----------	------

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	80.3	73.8	78.9	74.5	76.9				
2013	82.0	74.2	77.8	72.3	76.5				
2014	80.8	74.0	78.7	74.7	77.0				
2015	80.0	77.7	79.4	77.8	78.7				
2016 1/	80.8	79.2	80.6	77.8	79.2				
2017 1/	81.2	(NA)	(NA)	Year-to-Date Q2	80.1				

NA Not available.

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

1/ Source revises each month of previous year when current year is released, i.e. 2016Q1 via 2017Q1. 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 mostly negative in the third quarter of 2017. The private building authorizations, government contracts awarded, and construction jobs all decreased. Only the State CIP expenditures increased.

Construction has been one of the steady contributors to job growth in Hawaii over the past few years. However, in the third quarter of 2017, the construction sector lost 600 jobs or 1.6 percent, compared with the same quarter of 2016. In the first three quarters of 2017, the construction sector lost 500 jobs or 1.4 percent (Table A-7) from the same period of the previous year. Before the recession, specifically the period 2002 through 2007, construction job growth averaged 8.0 percent per year. In the fourth quarter of 2007, the average number of construction jobs reached a peak of 40,000 jobs. The strength of the construction job market in the past few years was a sharp contrast to the recession period. From the second quarter of 2008 until the second quarter of 2011 quarter-over-quarter construction job growth was negative in all quarters.

In the third quarter of 2017, private building authorizations in the state decreased \$167.0 million or 18.8 percent, compared with the third quarter of 2016 (Table E-8). In the first three quarters of 2017, private building authorizations in the state increased \$67.8 million or 2.8 percent compared with the same period of the previous year.

In the third quarter of 2017, private building authorizations in Honolulu decreased \$166.1 million or 26.4 percent, compared with the third quarter of 2016 (Table E-8). In the first three quarters of 2017, private building authorizations in Honolulu increased \$69.9 million or 4.4 percent, compared with the same period of the previous year.

In the third quarter of 2017, private building authorizations in Hawaii County decreased \$44.1 million or 30.6 percent, compared with the third quarter of 2016 (Table E-8). In the first three quarters of 2017, private building authorizations in Hawaii County decreased \$122.6 million or 27.2 percent, compared with the same period of the previous year.

In the third quarter of 2017, private building authorizations in Maui County increased \$30.2 million or 40.0 percent, compared with the third quarter of 2016 (Table E-8). In the first three quarters of 2017, private building authorizations in Maui County increased \$114.2 million or 43.7 percent compared with the same period of the previous year.

In the third quarter of 2017, private building authorizations (residential only) in Kauai increased \$13.0 million or 32.6 percent, compared with the third quarter of 2016 (Table E-8). In the first three quarters of 2017, private building authorizations in Kauai increased \$6.2 million or 6.0 percent compared with the same period of the previous year.

Government contracts awarded decreased \$268.7 million or 29.4 percent in the third quarter of 2017 compared with the same quarter of 2016. In the first three quarters of 2017, government contracts awarded decreased \$322.7 million or 22.8 percent compared with the same period of the previous year (Table E-1). State government CIP expenditures increased \$122.4 million or 48.0 percent in the third quarter of 2017 (Table E-2). In the first three quarters of 2017, CIP expenditures decreased \$24.7 million or 2.6 percent compared with the same period of the previous year.

The Honolulu Construction Cost Index increased 0.7 percent in the second quarter of 2017 compared to the same quarter of 2016 for Single Family Residence (Table E-6) and 0.2 percent for High-Rise Building (Table E-7). In the first half of 2017 compared to 2016 the index for Single Family Residence increased 1.0 percent and 0.7 percent for High-Rise Building.

In the second quarter of 2017, Honolulu's median price for single family resales was \$754,000, an increase of \$24,000 or 3.3 percent from the same quarter of 2016 (Table E-11). The median price for condominium units was \$403,000, up \$13,000 or 3.3 percent from the same quarter of the previous year (Table E-12). In the third quarter of 2017, the number of single-family unit resales was up 7.6 percent, and the number of condominium unit resales was up 9.7 percent, compared with the third quarter of 2016 (Tables E-13 and E-14). In the first three quarters of 2017, the number of single-family unit resales was up 5.6 percent, and condominium unit resales was up 7.3 percent compared with the same period of the previous year.

In the third quarter of 2017, Maui County singlefamily unit resales increased 2.6 percent, and condominium unit resales increased 0.3 percent compared to the same quarter of 2016 (Tables E-19 and E-20).

Year	Contracting tax base 1/	Total Private Authorizations	Private Building . Residential 4/	Authorization 4/ Commercial & Industrial 2/	Additions & Alterations	Government Contracts Awarded
			In Millions of Dollars	3		
1982	1,294.9	683.1	299.2	242.9	141.1	391.6
1983	1,353.4	685.2	296.2	203.2	185.9	275.0
1984	1,242.9	581.5	327.7	104.0	149.9	388.7
1985	1,367.7	888.9	500.1	208.8	180.1	248.9
1986	1,808.0	1,025.2	455.5	267.4	302.3	422.7
1987	2,003.1	1,161.9	507.0	344.4	310.5	370.9
1988	2,487.6	1,546.5	689.2	541.2	316.1	665.0
1989	3,112.8	1,882.4	910.7	561.8	409.9	725.2
1990	4,003.7	2,101.8	952.3	698.0	451.5	825.5
1991	4,334.1	2,151.8	1,192.0	556.2	403.7	729.4
1992	4,012.7	1,751.9	811.1	532.3	408.5	1,159.1
1993	3,803.6	1,505.4	742.1	308.0	455.3	651.8
1994	3,322.3	1,612.9	849.3	370.3	393.4	693.0
1995	3,133.5	1,531.3	745.5	368.3	417.5	490.2
1996	3,285.1	1,117.8	487.0	252.8	378.0	885.5
1997	2,944.4	1,179.2	542.5	264.5	372.2	615.6
1998	3,016.0	1,054.3	485.5	205.6	363.2	685.1
1999	2,991.2	1,320.2	628.8	306.2	385.3	584.8
2000 3/	3,613.5	1,512.6	800.1	246.2	466.2	810.9
2001	3,766.4	1,585.7	882.4	329.1	374.2	715.7
2002 4/	4,275.0	1,772.0	1,112.9	254.2	404.9	768.3
2003 4/	4,536.3	2,361.2	1,345.1	507.5	508.6	633.4
2004 4/	4,921.5	2,726.5	1,767.7	303.3	655.6	1,384.6
2005 4/	6,024.0	3,492.0	2,259.3	433.5	799.1	725.1
2006 4/	7,223.3	3,770.1	1,811.8	732.0	1,226.2	853.8
2007 4/	8,072.9	3,585.4	1,855.4	703.9	1,026.2	869.5
2008 4/	7,987.1	2,906.6	1,381.6	427.1	1,097.9	952.8
2009 4/	6,641.7	1,998.9	799.2	284.8	914.9	778.6
2010 4/	5,589.8	1,980.3	779.0	377.5	823.8	1,057.6
2011 4/	5,837.4	1,858.8	687.9	285.9	884.9	430.7
2012 4/	7,006.1	2,643.8	837.2	271.1	1,535.5	772.9
2013 4/	7,330.0	2,720.5	1,025.0	296.5	1,399.0	1,194.2
2014 4/	7,024.0	3,315.1	985.9	498.5	1,830.6	1,096.6
2015 4/	8,112.2	3,963.6	1,651.3	702.9	1,609.4	1,554.6
2016 4/	8,288.2	3,240.6	1,448.0	211.0	1,581.7	<u>1,673.3</u>
1998 1 Qtr.	757.1	260.4	118.2	50.4	91.9	155.3
2 Qtr.	706.3	246.7	121.3	48.4	76.9	127.5
3 Qtr.	793.6	296.0	123.5	55.1	117.3	218.7
4 Qtr.	759.0	251.3	122.6	51.7	77.0	183.5
1999 1 Qtr.	732.1	342.9	141.6	125.0	76.3	177.3
2 Qtr.	737.0	314.3	153.4	72.3	88.5	104.6
3 Qtr.	758.1	314.0	151.1	63.9	99.0	147.1
4 Qtr.	764.0	349.0	182.6	45.0	121.4	155.8
2000 1 Qtr.	877.6	351.8	203.3	61.3	87.3	217.1
2 Qtr.	869.1	392.9	194.9	72.9	125.1	96.6
3 Qtr.	894.9	377.4	204.1	59.1	114.2	405.1
3/ 4 Qtr.	971.8	390.4	197.9	52.9	139.6	92.1
2001 1 Qtr.	920.5	362.5	186.3	96.6	79.6	178.0
2 Qtr.	918.4	423.6	234.3	77.9	111.5	175.7
3 Qtr.	893.2	421.0	256.3	68.3	96.4	113.1
4 Qtr. 2002 4/ 1 Qtr.	1,034.3 913.7	378.6	205.6 191.7	86.3 47.0	86.7 97.6	248.9
4/ 2 Qtr.	1,025.0	336.3 437.1	276.9	59.3	100.9	250.8 133.6
4/ 3 Qtr.	1,213.7	497.6	346.6	47.2	103.8	255.7
4/ 4 Qtr.	1,122.5	501.1	297.7	100.7	102.6	128.2
2003 4/ 1 Qtr.	1,122.3	655.1	326.0	217.9	111.3	168.3
4/ 2 Qtr.	1,139.3	716.7	398.1	155.3	163.3	86.0
4/ 3 Qtr.	1,179.6	531.0	316.5	87.9	126.6	228.3
4/ 4 Qtr.	1,095.1	458.4	304.6	46.4	107.4	150.8
2004 4/ 1 Qtr.	1,143.3	780.8	542.5	107.4	130.8	256.7
4/ 2 Qtr.	1,126.0	718.9	440.5	50.8	227.6	804.1
4/ 3 Qtr.	1,345.9	597.6	366.0	73.0	158.6	187.2
4/ 4 Qtr.	1,306.3	629.3	418.7	72.1	138.5	136.6
2005 4/ 1 Qtr.	1,440.9	706.5	420.3	48.7	237.6	213.6
4/ 2 Qtr.	1,429.8	728.5	450.7	103.4	174.4	105.5
4/ 3 Qtr.	1,608.1	1,050.5	662.1	220.1	168.4	314.4
4/ 4 Qtr.	1,545.1	1,006.4	726.2	61.4	218.8	91.5
2006 4/ 1 Qtr.	1,714.7	766.2	481.1	61.1	224.0	297.2
4/ 2 Qtr.	1,677.1	908.1	451.6	160.7	295.9	174.4
4/ 3 Qtr.	1,920.2	1,051.5	460.5	206.5	384.5	220.6
4/ 4 Qtr.	1,911.3	1,044.2	418.6	303.8	321.8	161.6
2007 4/ 1 Qtr.	1,991.0	737.1	412.1	59.7	265.3	180.1
4/ 2 Qtr.	2,081.1	1,085.7	668.8	222.6	194.2	317.7
4/ 3 Qtr.	1,924.9	896.3	412.1	144.3	339.9	255.1
4/ 4 Qtr.	2,075.9	866.3	362.3	277.2	226.8	116.5
2008 4/ 1 Qtr.	1,885.1	741.1	353.2	94.0	293.9	196.2
4/ 2 Qtr.	1,977.5	1,048.5	517.4	154.7	376.5	132.8
4/ 3 Qtr.	2,095.9	690.0	346.5	132.3	211.3	351.8
4/ 4 Qtr.	2,028.6	426.8	164.5	46.2	216.2	272.0
2009 4/ 1 Qtr.	1,779.9	542.2	276.3	38.8	227.0	167.2
4/ 2 Qtr.	1,726.6	470.7	160.5	97.3	212.8	197.3
4/ 3 Qtr.	1,580.1	558.8	193.4	56.5	308.9	233.8
4/ 4 Qtr.	1,555.1	427.3	169.0	92.1	166.1	180.4
2010 4/ 1 Qtr.	1,427.0	455.3	235.4	53.1	166.9	83.1
4/ 2 Qtr.	1,301.9	537.3	184.9	123.5	228.9	353.7
4/ 3 Qtr.	1,487.7	552.4	196.3	84.3	271.8	352.6
4/ 4 Qtr.	1,373.2	435.3	162.5	116.6	156.2	268.2
2011 4/ 1 Qtr.	1,382.9	380.9	146.8	48.1	186.1	75.4
4/ 2 Qtr.	1,443.6	438.4	178.4	47.2	212.7	63.0
4/ 3 Qtr.	1,468.2	537.7	206.7	80.2	250.8	124.5
4/ 4 Qtr.	1,542.7	501.8	156.1	110.4	235.3	167.7
2012 4/ 1 Qtr.	1,561.4	556.7	145.3	61.5	349.9	71.4
4/ 2 Qtr.	1,680.8	647.3	246.6	50.6	350.1	280.6
4/ 3 Qtr.	1,858.5	686.6	200.2	75.7	410.7	323.3
4/ 4 Qtr.	1,905.5	753.2	245.1	83.3	424.8	97.5
2013 4/ 1 Qtr.	1,847.6	629.1	289.1	46.9	293.0	228.8
4/ 2 Qtr.	1,935.3	714.0	193.3	145.7	375.1	371.0
4/ 3 Qtr.	1,844.9	688.4	317.4	27.5	343.6	481.4
4/ 4 Qtr.	1,702.1	689.0	225.2	76.5	387.3	113.1
2014 4/ 1 Qtr.	1,732.3	758.4	150.6	94.9	512.9	155.7
4/ 2 Qtr.	1,766.6	806.5	305.6	80.7	420.2	291.3
4/ 3 Qtr.	1,666.4	789.6	230.4	73.8	485.4	394.9
4/ 4 Qtr.	1,858.7	960.6	299.3	249.2	412.1	254.7
2015 4/ 1 Qtr.	1,801.4	1,297.6	482.5	383.6	431.5	225.0
4/ 2 Qtr.	1,995.3	840.4	412.7	113.9	313.7	680.8
4/ 3 Qtr.	2,212.3	892.2	338.3	111.0	442.9	487.1
4/ 4 Qtr.	2,103.3	933.4	417.8	94.4	421.2	161.7
2016 4/ 1 Qtr.	1,745.4	545.6	223.1	30.2	292.3	175.0
4/ 2 Qtr.	2,123.9	960.2	429.6	75.6	455.0	328.9
4/ 3 Qtr.	2,196.4	889.4	429.2	39.3	420.9	913.1
4/ 4 Qtr.	2,222.5	845.6	366.1	65.9	413.5	256.3
2017 4/ 1 Qtr.	2,170.7	919.5	507.4	101.4	310.7	213.8
4/ 2 Qtr.	1,828.3	821.0	359.4	131.4	330.3	236.2
4/ 3 Qtr.	(NA)	722.4	374.1	85.4	262.9	644.3

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

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.

		Government				
Year	Contracting tax base 1/	Total Private Authorizations	Residential 4/	Commercial & Industrial 2/	Additions & Alterations	Contracts Awarded
				riod in Previous Year		
1983 1984	4.5 -8.2	0.3 -15.1	-1.0 10.6	-16.3 -48.8	31.8 -19.4	-29.8 41.3
1985 1086	10.0	52.9	52.6	100.8	20.1	-36.0
1986 1987	32.2 10.8	15.3 13.3	-8.9 11.3	28.1 28.8	67.9 2.7	69.8 -12.3
1988	24.2	33.1	35.9	57.1	1.8	79.3
1989 1990	25.1 28.6	21.7 11.7	32.1 4.6	3.8 24.2	29.7 10.1	9.1 13.8
1991	8.3	2.4	25.2	-20.3	-10.6	-11.6
1992 1993	-7.4 -5.2	-18.6 -14.1	-32.0 -8.5	-4.3 -42.1	1.2 11.5	58.9 -43.8
1993 1994	-12.7	7.1	14.4	20.2	-13.6	6.3
1995 1006	-5.7	-5.1	-12.2	-0.5	6.1	-29.3
1996 1997	4.8 -10.4	-27.0 5.5	-34.7 11.4	-31.4 4.6	-9.5 -1.5	80.6 -30.5
1998	2.4	-10.6	-10.5	-22.3	-2.4	11.3
1999 2000 3/	-0.8 20.8	25.2 14.6	29.5 27.3	48.9 -19.6	6.1 21.0	-14.6 38.7
2001	4.2	4.8	10.3	33.7	-19.7	-11.7
2002 4/ 2003 4/	13.5 6.1	11.7 33.3	26.1 20.9	-22.8 99.7	8.2 25.6	7.3 -17.6
2004 4/	8.5	15.5	31.4	-40.2	28.9	118.6
2005 4/ 2006 4/	22.4 19.9	28.1 8.0	27.8 -19.8	43.0 68.8	21.9 53.4	-47.6 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/ 2010 4/	-16.8 -15.8	-31.2 -0.9	-42.2 -2.5	-33.3 32.5	-16.7 -10.0	-18.3 35.8
2011 4/	4.4	-6.1	-11.7	-24.3	7.4	-59.3
2012 4/ 2013 4/	20.0 4.6	42.2 2.9	21.7 22.4	-5.2 9.4	73.5 -8.9	79.4 54.5
2014 4/	-4.2	21.9	-3.8	68.1	30.8	-8.2
2015 4/ 2016 4/	15.5 2.2	19.6 -18.2	67.5 -12.3	41.0 -70.0	-12.1 -1.7	41.8 7.6
1999 1 Qtr.	-3.3	31.7	19.8	148.2	-17.0	14.1
2 Qtr. 3 Qtr.	4.3 -4.5	27.4 6.1	26.5 22.4	49.4 15.9	15.1 -15.6	-18.0 -32.8
4 Qtr.	-4.5	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. 3 Qtr.	17.9 18.0	25.0 20.2	27.0 35.0	0.8 -7.4	41.3 15.3	-7.6 175.4
3/ 4 Qtr.	27.2	11.9	8.4	17.6	15.0	-40.9
2001 1 Qtr. 2 Qtr.	4.9 5.7	3.0 7.8	-8.3 20.2	57.6 6.8	-8.8 -10.9	-18.0 81.9
3 Qtr.	-0.2	11.5	25.6	15.5	-15.6	-72.1
4 Qtr. 2002 4/ 1 Qtr.	6.4 -0.7	-3.0 -7.2	3.9 2.9	63.3 -51.4	-37.9 22.6	170.2 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. 2003 4/ 1 Qtr.	8.5 22.8	32.4 94.8	44.8 70.0	16.7 364.0	18.4 14.0	-48.5 -32.9
4/ 2 Qtr.	11.2	64.0	43.8	161.6	61.9	-35.6
4/ 3 Qtr. 4/ 4 Qtr.	-2.8 -2.4	6.7 -8.5	-8.7 2.3	86.3 -53.9	22.0 4.7	-10.7 17.6
2004 4/ 1 Qtr.	1.9	19.2	66.4	-50.7	17.6	52.5
4/ 2 Qtr. 4/ 3 Qtr.	-1.2 14.1	0.3 12.5	10.6 15.7	-67.3 -17.0	39.4 25.3	835.0 -18.0
4/ 4 Qtr.	19.3	37.3	37.5	55.2	29.0	-9.4
2005 4/ 1 Qtr. 4/ 2 Qtr.	26.0 27.0	-9.5 1.3	-22.5 2.3	-54.7 103.7	81.6 -23.4	-16.8 -86.9
4/ 3 Qtr.	19.5	75.8	80.9	201.6	6.2	68.0
4/ 4 Qtr. 2006 4/ 1 Qtr.	18.3 19.0	59.9 8.5	73.4 14.5	-14.8 25.6	57.9 -5.7	-33.0 39.1
4/ 2 Qtr.	17.3	24.7	0.2	55.4	69.6	65.3
4/ 3 Qtr. 4/ 4 Qtr.	19.4 23.7	0.1 3.8	-30.4 -42.3	-6.2 394.5	128.4 47.1	-29.8 76.6
2007 4/ 1 Qtr.	16.1	-3.8	-42.3	-2.3	18.4	-39.4
4/ 2 Qtr. 4/ 3 Qtr.	24.1 0.2	19.6 -14.8	48.1 -10.5	38.6 -30.1	-34.4 -11.6	82.1 15.7
4/ 4 Qtr.	8.6	-17.0	-13.4	-8.7	-29.5	-27.9
2008 4/ 1 Qtr. 4/ 2 Qtr.	-5.3	0.5 -3.4	-14.3	57.4 20.5	10.8 93.8	8.9
4/ 3 Qtr.	-5.0 8.9	-23.0	-22.6 -15.9	-30.5 -8.3	-37.8	-58.2 37.9
4/ 4 Qtr.	-2.3	-50.7	-54.6	-83.3	-4.7	133.4
2009 4/ 1 Qtr. 4/ 2 Qtr.	-5.6 -12.7	-26.8 -55.1	-21.8 -69.0	-58.7 -37.1	-22.8 -43.5	-14.8 48.5
4/ 3 Qtr.	-24.6	-19.0	-44.2	-57.3	46.2	-33.5
4/ 4 Qtr. 2010 4/ 1 Qtr.	-23.3 -19.8	0.1 -16.0	2.8 -14.8	99.3 36.7	-23.1 -26.5	-33.7 -50.3
4/ 2 Qtr.	-24.6	14.2	15.2	26.9	7.6	79.3
4/ 3 Qtr. 4/ 4 Qtr.	-5.8 -11.7	-1.2 1.9	1.5 -3.9	49.1 26.6	-12.0 -6.0	50.8 48.7
2011 4/ 1 Qtr.	-3.1	-16.4	-37.7	-9.5	11.5	-9.2
4/ 2 Qtr. 4/ 3 Qtr.	10.9 -1.3	-18.4 -2.7	-3.5 5.3	-61.8 -4.8	-7.1 -7.7	-82.2 -64.7
4/ 4 Qtr.	12.3	15.3	-3.9	-5.3	50.6	-37.4
2012 4/ 1 Qtr. 4/ 2 Qtr.	12.9 16.4	46.2 47.7	-1.0 38.2	27.9 7.2	88.1 64.6	-5.3 345.3
4/ 3 Qtr.	26.6	27.7	-3.1	-5.6	63.8	159.6
4/ 4 Qtr.	23.5	50.1 13.0	57.0	-24.6	80.5	-41.9
2013 4/ 1 Qtr. 4/ 2 Qtr.	18.3 15.1	13.0 10.3	99.0 -21.6	-23.7 187.8	-16.3 7.1	220.2 32.2
4/ 3 Qtr.	-0.7	0.3	58.6	-63.7	-16.3	48.9
4/ 4 Qtr. 2014 4/ 1 Qtr.	-10.7 -6.2	-8.5 20.6	-8.1 -47.9	-8.2 102.3	-8.8 75.0	16.0 -31.9
4/ 2 Qtr.	-8.7	12.9	58.1	-44.6	12.0	-21.5
4/ 3 Qtr. 4/ 4 Qtr.	-9.7 9.2	14.7	-27.4 32.9	168.5 225.8	41.3	-18.0 125.2
4/ 4 Qtr. 2015 4/ 1 Qtr.	9.2 4.0	39.4 71.1	32.9 220.3	225.8 304.3	6.4 -15.9	125.2 44.5
4/ 2 Qtr.	12.9	4.2	35.1	41.2	-25.3	133.7
4/ 3 Qtr. 4/ 4 Qtr.	32.8 13.2	13.0 -2.8	46.8 39.6	50.3 -62.1	-8.8 2.2	23.4 -36.5
2016 4/ 1 Qtr.	-3.1	-58.0	-53.8	-92.1	-32.3	-22.2
4/ 2 Qtr. 4/ 3 Qtr.	6.4 -0.7	14.3 -0.3	4.1 26.9	-33.7 -64.6	45.0 -5.0	-51.7 87.5
4/ 4 Qtr.	5.7	-9.4	-12.4	-30.1	-1.8	58.5
2017 4/ 1 Qtr.	24.4	68.5	127.5	236.0	6.3	22.1
4/ 2 Qtr.	-13.9 (NA)	-14.5 -18.8	-16.3 -12.9	73.8 117.5	-27.4 -37.5	-28.2 -29.4

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

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

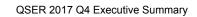
Building Industry.

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 1.9 percent or by 7 cases for the third quarter of 2017, from the same quarter of 2016. In the first three quarters of 2017, total filings decreased 3.0 percent or 32 cases from the same period of the previous year.

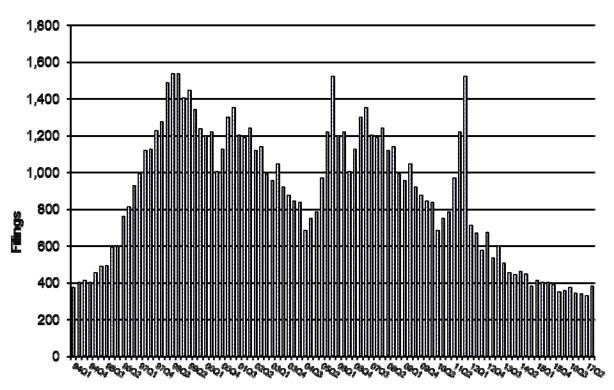
The number of Chapter 7 filings, the largest category, increased 1.2 percent or 3 cases in the third quarter of 2017. Chapter 7 filings are intended to liquidate assets and discharge debt. In the first three quarters of 2017, Chapter 7 filings were down 3.4 percent or 25 cases from the same period of the previous year.

Chapter 11 filings decreased from 4 cases in the third quarter of 2016 to 3 case in the third quarter of 2017. In the first three quarters of 2017, Chapter 11 filings decreased to 7 cases from 14 cases in the same period of the previous year. Chapter 11 filings involve the structuring of repayment plans for companies.

Chapter 13 filings increased 3.3 percent or 4 cases in the third quarter of 2017, from the same quarter of 2016. In the first three quarters of 2017, Chapter 13 filings decreased 0.6 percent or 2 cases from the same period of the previous year. Chapter 13 bankruptcy allows debtors to work out repayment arrangements with creditors.

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

For District of Hawaii monthly statistics, see: <u>http://www.hib.uscourts.gov/stats/index_stats.html</u>



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