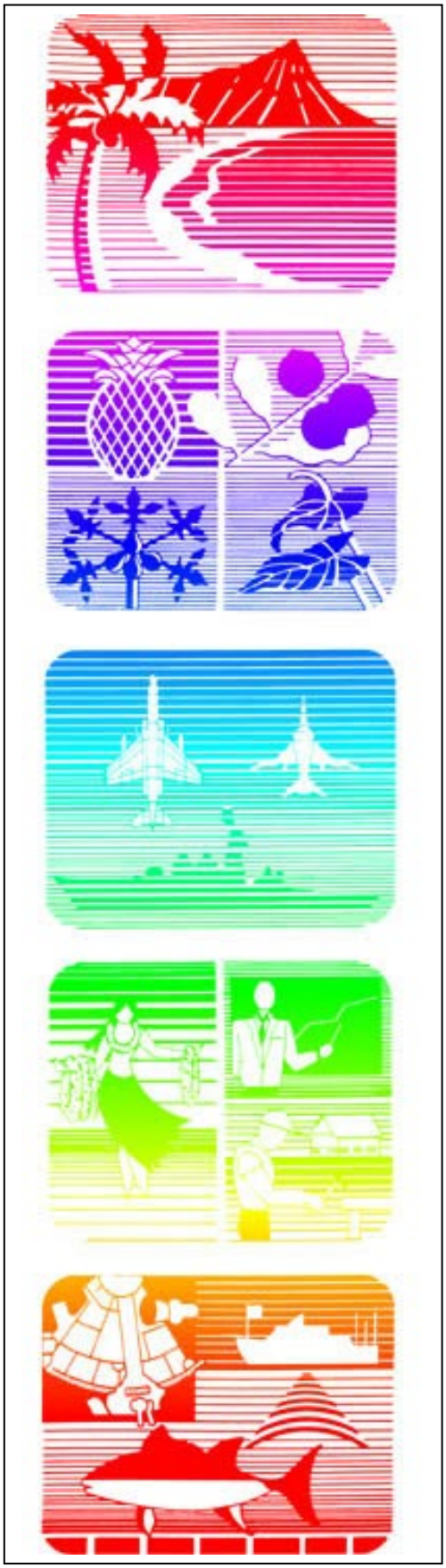

DBEDT

THE DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM

STATE OF HAWAII

Quarterly Statistical & Economic Report

4th Quarter 2020

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 30, 2020.

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

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

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

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

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STATE OF THE ECONOMY

Hawaii's major economic indicators were mainly negative in the third quarter of 2020. Visitor arrivals, wage and salary jobs, and State general fund tax revenues all decreased in the quarter compared to the third quarter of 2019. Only government contracts awarded, and private building authorizations increased in the quarter.

In the third quarter of 2020, the total number of visitors arriving by air to Hawaii decreased 2,575,894 or 97.6 percent. Due to longer lengths of stay, the daily visitor census decreased 91.8 percent in the quarter.

In the third quarter of 2020, jobs in the construction sector increased 0.5 percent or 200 jobs compared with the same quarter of 2019. The government contracts awarded increased from $165.6 million in the third quarter of 2019 to $266.5 million in the third quarter of 2020. In the third quarter of 2020, the permit value for private construction increased $44.5 million or 5.6 percent compared with the same quarter of 2019. According to the most recent excise tax base data available, current construction put-in-place decreased $186.6 million or 7.7 percent in the second quarter of 2020, compared with the same quarter of the previous year.

In the third quarter of 2020, State general fund tax revenues were down $59.0 million or 3.2 percent over the same period of 2019. The net individual income tax revenues increased $256.7 million or 38.9 percent, the state general excise tax revenue decreased $227.1 million or 24.6 percent, and the transient accommodations tax (TAT) decreased $163.3 million or 92.1 percent. In the first three quarters of 2020, State general fund tax revenues decreased $680.7 million or 12.1 percent, and state general excise tax revenue decreased $393.2 million or 14.4 percent, compared to the same period of the previous year.

Labor market conditions were all negative. In the third quarter of 2020, Hawaii's non-agricultural wage and salary jobs averaged 537,700 jobs, a decrease of 111,000 jobs or 17.1 percent from the same quarter of 2019.

In this quarter, the private sector lost about 107,700 non-agricultural jobs compared to the third quarter of 2019. Jobs decreased the most in Accommodation, which lost 33,300 jobs or 77.8 percent; followed by Food Services and Drinking Places, which lost 30,000 jobs or 42.7 percent, Transportation, Warehousing & Utilities, which lost 9,800 jobs or 28.7 percent, Professional & Business Services, lost 7,500 jobs or 10.1 percent, Arts, Entertainment & Recreation, lost 5,900 jobs or 43.1 percent, and Retail Trade, lost 5,300 jobs or 7.5 percent in the quarter. For the private sector, in the third quarter of 2020, only Natural Resources, Mining & Construction, added 200 jobs or 0.5 percent in the quarter. The Government sector lost 3,300 jobs or 2.7 percent in the third quarter of 2020 compared to the same quarter of 2019. The Federal Government added 500 jobs or 1.5 percent, the State Government lost 3,300 jobs or 4.9 percent, and the Local Government lost 500 jobs or 2.6 percent, compared to the third quarter of 2019.

In the second quarter of 2020, total annualized nominal GDP decreased $11,682 million or 12.3 percent, from the second quarter of 2019. In the first half of 2020, total annualized nominal GDP decreased $5,579 million or 5.9 percent from the same period of the previous year. In the second quarter of 2020, total annualized real GDP (in chained 2012 dollars) decreased $11,456 million or 13.9 percent from the second quarter of 2019. In the first half of 2020, total annualized real GDP decreased $6,359 million or 7.7 percent from the same period of the previous year.

In the second quarter of 2020, total non-farm private sector annualized earnings decreased $5,041.2 million or 12.5 percent from the second quarter of 2019. In dollar terms, the largest decrease occurred in accommodation and food services; followed by arts, entertainment, and recreation, transportation and warehousing, retail trade, and other services. During the second quarter of 2020, total government earnings decreased $277.8 million or 1.7 percent from the same quarter of 2019. Earnings from the federal government increased $230.5 million or 2.5 percent. Earnings from the state and local governments decreased $508.2 million or 6.9 percent in the quarter.

In the first half of 2020, Honolulu's Consumer Price Index for Urban Consumers (CPI-U) increased 1.6 percent from the same period in 2019. This is 0.4 of a percentage point above the 1.2 percent increase for the U.S. average CPI-U; however, it is lower than the first half of 2019 Honolulu CPI-U increase of 2.0 percent from the same period of the previous year. In the first half of 2020, the Honolulu CPI-U increased the most in Apparel (4.9 percent), followed by Food and Beverages (2.7 percent) and Recreation (2.7 percent), Housing (2.6 percent), and Education and Communication (0.9 percent). The price of Transportation decreased 4.5 percent and the price of Other Goods and Services decreased 1.4 percent compared to the first half of 2019.

Table 1. 2020 QUARTERLY ECONOMIC INDICATORS: STATE OF HAWAII

SERIES	3rd QUARTER 2019	3rd QUARTER 2020	3rd QUARTER % CHANGE YEAR AGO	YEAR-TO-DATE 2019	YEAR-TO-DATE 2020	YEAR-TO-DATE % CHANGE YEAR AGO
Civilian labor force, NSA (persons) 1/	664,500	630,300	-5.1	664,550	643,650	-3.1
Civilian employed, NSA	646,150	543,050	-16.0	646,050	566,050	-12.4
Civilian unemployed, NSA	18,350	87,250	375.5	18,500	77,600	319.5
Unemployment rate, NSA (%) 1/ 2/	2.8	13.9	11.1	2.8	12.3	9.5
Total wage and salary jobs, NSA	652,700	(NA)	(NA)	657,900	(NA)	(NA)
Total non-agric. wage & salary jobs	648,700	537,700	-17.1	653,200	576,700	-11.7
Nat. Resources, Mining, Constr.	37,200	37,400	0.5	37,000	37,400	1.1
Manufacturing	14,000	11,300	-19.3	14,100	12,100	-14.2
Wholesale Trade	18,100	15,200	-16.0	18,200	16,300	-10.4
Retail Trade	70,700	65,400	-7.5	71,000	66,200	-6.8
Transp., Warehousing, Util.	34,100	24,300	-28.7	34,000	28,100	-17.4
Information	8,700	7,500	-13.8	8,700	7,800	-10.3
Financial Activities	29,900	27,600	-7.7	29,800	28,200	-5.4
Professional & Business Services	73,900	66,400	-10.1	73,800	69,000	-6.5
Educational Services	13,600	10,900	-19.9	14,000	12,300	-12.1
Health Care & Social Assistance	72,900	71,800	-1.5	72,600	72,000	-0.8
Arts, Entertainment & Recreation	13,700	7,800	-43.1	13,800	9,500	-31.2
Accommodation	42,800	9,500	-77.8	42,600	22,800	-46.5
Food Services & Drinking Places	70,300	40,300	-42.7	70,100	48,600	-30.7
Other Services	28,200	25,200	-10.6	28,400	26,000	-8.5
Government	120,500	117,200	-2.7	125,300	120,500	-3.8
Federal	34,200	34,700	1.5	34,100	34,500	1.2
State	66,800	63,500	-4.9	72,100	67,200	-6.8
Local	19,500	19,000	-2.6	19,100	18,800	-1.6
Agriculture wage and salary jobs	4,000	(NA)	(NA)	4,700	(NA)	(NA)
State general fund revenues ($1,000)	1,852,368	1,825,703	-1.4	5,641,395	4,992,988	-11.5
General excise and use tax revenues	923,136	690,832	-25.2	2,737,867	2,339,478	-14.6
Income-individual	659,199	915,664	38.9	2,071,213	2,003,901	-3.2
Declaration estimated taxes	170,817	361,344	111.5	708,662	707,886	-0.1
Payment with returns	24,815	136,294	449.2	229,620	250,220	9.0
Withholding tax on wages	528,430	521,973	-1.2	1,600,425	1,572,564	-1.7
Refunds ('-' indicates relative to State)	-64,863	-103,948	60.3	-467,494	-526,769	12.7
Transient accommodations tax	177,232	12,942	-92.7	494,922	183,803	-62.9
Honolulu County Surcharge 3/	85,718	74,073	-13.6	241,581	239,711	-0.8
Private Building Permits ($1,000)	798,767	843,222	5.6	2,368,749	2,321,145	-2.0
Residential	267,032	297,120	11.3	900,179	836,357	-7.1
Commercial & industrial	89,924	129,851	44.4	202,569	384,074	89.6
Additions & alterations	441,810	416,250	-5.8	1,266,001	1,100,714	-13.1
Visitor Days - by air	22,808,991	1,863,803	-91.8	67,700,771	22,124,283	-67.3
Domestic visitor days - by air	16,996,475	1,809,992	-89.4	50,143,133	17,006,128	-66.1
International visitor days - by air	5,812,516	53,811	-99.1	17,557,637	5,118,155	-70.8
Visitor arrivals by air - by air	2,639,669	63,775	-97.6	7,733,815	2,190,217	-71.7
Domestic flight visitors - by air	1,887,558	60,501	-96.8	5,485,551	1,573,804	-71.3
International flight visitors - by air	752,111	3,274	-99.6	2,248,264	616,414	-72.6
Visitor expend. - arrivals by air ($1,000)	4,433,427	(NA)	(NA)	13,262,223	(NA)	(NA)
Hotel occupancy rates (%) 2/	82.8	20.7	-62.0	81.3	42.5	-38.8

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. 11/27/2020

OUTLOOK FOR THE ECONOMY

Hawaii's economy has been greatly impacted by the COVID-19 pandemic. During the April-September 2020 period, the average unemployment rate (not seasonally adjusted) was 17.1 percent. Hawaii lost 114,700 non-agriculture payroll jobs during the April-September period as compared with the same period a year ago. All industry sectors lost jobs except construction and federal government jobs. The accommodation and food services & drinking places accounted for 54.4 percent of the total job loss at 62,350. Overall, statewide non-agriculture payroll jobs decreased by 17.1 percent in the third quarter of 2020.

Hawaii's unemployment rate increased from 2.6 percent in the first quarter of 2020 to 20.3 percent in the second quarter of 2020, and then decreased to 13.9 percent in the third quarter of 2020.

Visitor arrivals to the State during the third quarter of 2020 totaled 63,775, a decrease of 97.6 percent from the same quarter in 2019. However, due to longer average length of stay, the average daily visitor census decreased only 91.8 percent in the third quarter of 2020.

The value of private building permits showed an increase of 5.6 percent during the third quarter of 2020. The largest increase occurred in the commercial & industrial category which was up by 44.4 percent. The value of residential building permits was up by 11.3 percent, and the value for additions & alterations category declined by 5.8 percent during the same period. In the third quarter of 2020, the state government spending on capital investment projects (CIP) declined by 39.2 percent or $168.1 million, however, government contracts awarded increased 61.0 percent or $101.0 million during the same time period.

At the national level, the U.S. economic growth rate was at 0.3 percent during the first quarter, reduced to negative 9.0 percent in the second quarter, and improved to negative 2.9 percent as compared to the same quarter in 2019. The Blue Chip Economic Indicators report from November 10, 2020, which is the consensus of 50 economic forecasting organizations, projected that the U.S. economic growth rate for 2020 will decrease by 3.7 percent. The report projected a positive 4.0 percent U.S. economic growth for 2021. The Blue Chip forecasts for foreign countries were all negative in 2020 except China which showed small growth. Based on the above developments, DBEDT projects that Hawaii's economic growth rate, as measured by the real gross domestic product (GDP), will decline by 11.2 percent in 2020, then will increase at 2.1 percent in 2021, 2.0 percent in 2022, and 1.2 percent in 2023.

Hawaii will welcome 2.7 million visitors in 2020, a decrease of 73.7 percent from the 2019 level. Visitor arrivals will increase to 6.2 million in 2021, 7.7 million in 2022, and 8.8 million in 2023. Visitor spending will decrease 71.4 percent in 2020, then will increase 105.6 percent in 2021, 27.2 percent in 2022, and 14.1 percent in 2023.

Non-agriculture payroll jobs will shrink by 11.9 percent in 2020, then will increase by 6.1 percent in 2021, 2.5 percent in 2022, and 1.9 percent in 2023.

Overall for 2020, the average annual unemployment rate will be at 11.2 percent, then decrease to 7.9 percent in 2021, 7.1 percent in 2022, and 6.6 percent in 2023. These rates are much higher than Hawaii's average unemployment rate of 2.5 percent from 2017 to 2019.

Nominal personal income is expected to increase by 7.6 percent in 2020, mainly due to the federal assistance programs. The majority of the increase in personal income came from government transfers related to unemployment insurance payments and other transfers mostly related to the CARES ACT funds, which offset declines in wages and salaries. Nominal personal income is expected to decrease by 7.8 percent in 2021 due to the reduction in federal assistance programs.

Hawaii's consumer inflation rate, as measured by the Honolulu Consumer Price Index for All Urban Consumers, will increase at rates between 1.6 and 2.3 for the next few years.

Hawaii's population is expected to decrease 0.1 percent in 2020, and increase by 0.1 percent in 2021, and 0.3 percent in 2022 and 2023.

ACTUAL AND FORECAST KEY ECONOMIC INDICATORS FOR HAWAII: 2018 TO 2023

Economic Indicators	2018	2019	2020	2021	2022	2023
	(Actual)		(Forecast)			
Total population (thousands)	1,421	1,416	1,415	1,416	1,420	1,424
Visitor arrivals (thousands) 1/	9,889	10,387	2,730	6,176	7,686	8,763
Visitor days (thousands) 1/	88,285	90,361	30,357	57,029	68,758	76,800
Visitor expenditures (million dollars) 1/	17,643	17,844	5,112	10,513	13,373	15,260
Honolulu CPI-U (1982-84=100)	277.1	281.6	286.1	291.3	297.1	303.9
Personal income (million dollars)	78,436	80,727	86,829	80,033	82,298	84,666
Real personal income (millions of 2012$) 2/	61,645	62,858	66,352	60,432	61,304	62,166
Non-agricultural wage & salary jobs (thousands)	658	656	578	613	629	641
Civilian unemployment rate	2.5	2.7	11.2	7.9	7.1	6.6
Gross domestic product (million dollars)	93,101	95,744	86,479	89,922	93,326	96,092
Real gross domestic product (millions of 2012$)	82,204	82,471	73,208	74,779	76,266	77,183
Gross domestic product deflator (2012=100)	113	116	118.1	120.3	122.4	124.5
Annual Percentage Change						
Total population	-0.3	-0.4	-0.1	0.1	0.3	0.3
Visitor arrivals 1/	5.2	5.0	-73.7	126.2	24.4	14.0
Visitor days 1/	4.9	2.4	-66.4	87.9	20.6	11.7
Visitor expenditures 1/	5.1	1.1	-71.4	105.6	27.2	14.1
Honolulu CPI-U	1.9	1.6	1.6	1.8	2.0	2.3
Personal income	3.1	2.9	7.6	-7.8	2.8	2.9
Real personal income 2/	1.6	2.0	5.6	-8.9	1.4	1.4
Non-agricultural wage & salary jobs	0.5	-0.4	-11.9	6.1	2.5	1.9
Civilian unemployment rate 3/	0.1	0.2	8.5	-3.3	-0.8	-0.6
Gross domestic product	3.9	2.8	-9.7	4.0	3.8	3.0
Real gross domestic product	1.4	0.3	-11.2	2.1	2.0	1.2
Gross domestic product deflator (2012=100)	2.4	2.5	1.7	1.8	1.8	1.7

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, December 4, 2020.

COUNTY ECONOMIC CONDITIONS

Overall economic conditions were mostly negative across the counties in the third quarter of 2020. The unemployment rate increased in all counties while total non-agricultural wage and salary jobs and total visitor arrivals by air declined. The value of private building permits increased in Honolulu and Kauai but decreased in all other counties.

In the third quarter of 2020, the unemployment rate in Honolulu increased 9.4 percentage points from 2.6 percent to 12.0 percent; the unemployment rate in Maui County increased 19.6 percentage points from 2.6 percent to 22.2 percent; the unemployment rate in Hawaii County increased 9.5 percentage points from 3.5 percent to 13.0 percent; and the unemployment rate in Kauai County increased 16.7 percentage points from 2.6 percent to 19.3 percent.

In the third quarter of 2020, Honolulu lost 69,100 non-agricultural wage and salary jobs compared to the same quarter of 2019. Jobs decreased the most in Food Services and Drinking Places, which lost 22,000 jobs or 45.5 percent. This was followed by Accommodation which lost 14,400 jobs or 75.0 percent, Transportation, Warehousing & Utilities which lost 6,800 jobs or 27.8 percent, Professional & Business Services which lost 5,400 jobs or 9.5 percent, and Arts, Entertainment & Recreation which lost 3,500 jobs or 41.2 percent in the quarter. For the private sector, in the third quarter of 2020, only Natural Resources, Mining & Construction, added 700 jobs or 2.6 percent. The Government sector lost 3,000 jobs or 3.2 percent in the quarter.

In the third quarter of 2020, Hawaii County lost 10,900 or 15.6 percent of non-agricultural wage and salary jobs over the same quarter of 2019. Jobs decreased the most in Accommodation, which lost 4,000 jobs or 69.0 percent. This was followed by Food Services and Drinking Places which lost 1,500 jobs or 21.7 percent, Retail Trade which lost 1,300 jobs or 13.4 percent, Transportation, Warehousing & Utilities which lost 1,200 jobs or 35.3 percent, and Professional & Business Services which lost 800 jobs or 12.1 percent in the quarter. The Government sector lost 400 jobs or 2.8 percent in the quarter.

Maui County lost 22,900 jobs or a 28.7 percent decrease in the third quarter of 2020 over the same quarter of 2019. Jobs decreased the most in Accommodation which lost 10,700 jobs or 82.3 percent. This was followed by Food Services and Drinking Places which lost 5,100 jobs or 49.0 percent, Arts, Entertainment & Recreation which lost 1,900 jobs or 82.6 percent, Transportation, Warehousing & Utilities which lost 1,400 jobs or 30.4 percent, and Professional & Business Services which lost 900 jobs or 12.3 percent in the quarter. The Government sector lost 200 jobs or 2.3 percent in the quarter.

Kauai County lost 8,500 jobs or a 25.5 percent decrease in the third quarter of 2020 over the same quarter of 2019. Jobs decreased the most in Accommodation which lost 4,300 jobs or 89.6 percent. Food Services and Drinking Places lost 1,400 jobs or 29.8 percent, Retail Trade lost 700 jobs or 17.1 percent, Transportation, Warehousing & Utilities which lost 700 jobs or 41.2 percent, and Professional & Business Services which lost 600 jobs or 18.8 percent in the quarter. Government sector jobs was unchanged in the quarter.

In the third quarter of 2020, visitor arrivals by air decreased in all counties. Visitor arrivals by air decreased 97.3 percent in Honolulu, 99.0 percent in Maui, 97.6 percent in Hawaii County, and 98.9 percent in Kauai compared to the same quarter of 2019.

In the third quarter of 2020, private building permits increased in Honolulu and Kauai, but decreased in all other counties. In the third quarter of 2020, private building permits increased $120.5 million or 26.4 percent in Honolulu, increased $31.1 million or 104.1 percent in Kauai (only residential available), decreased $41.9 million or 23.9 percent in Hawaii County, and decreased $65.3 million or 47.9 percent in Maui from the same quarter of the previous year.

Table 2. 2020 QUARTERLY ECONOMIC INDICATORS: CITY AND COUNTY OF HONOLULU

SERIES	3rd QUARTER			YEAR-TO-DATE		
	2019	2020	% CHANGE YEAR AGO	2019	2020	% CHANGE YEAR AGO
Civilian labor force, NSA (persons) 1/	449,000	427,550	-4.8	450,050	434,350	-3.5
Civilian employed	437,100	376,250	-13.9	438,100	388,550	-11.3
Civilian unemployed	11,900	51,300	331.1	11,950	45,800	283.3
Unemployment rate, NSA (%) 1/ 2/	2.6	12.0	9.4	2.7	10.8	8.1
Total wage and salary jobs	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Total non-agric. wage & salary jobs	466,100	397,000	-14.8	469,800	420,800	-10.4
Nat. Resources, Mining, Constr.	26,900	27,600	2.6	26,800	27,600	3.0
Manufacturing	10,900	8,700	-20.2	11,000	9,400	-14.5
Wholesale Trade	14,300	11,600	-18.9	14,400	12,600	-12.5
Retail Trade	47,100	44,500	-5.5	47,300	44,600	-5.7
Transp., Warehousing, Util.	24,500	17,700	-27.8	24,200	20,300	-16.1
Information	7,300	6,300	-13.7	7,300	6,600	-9.6
Financial Activities	23,000	21,400	-7.0	22,900	21,700	-5.2
Professional & Business Services	56,900	51,500	-9.5	56,900	53,300	-6.3
Educational Services	11,000	8,600	-21.8	11,300	9,800	-13.3
Health Care & Social Assistance	53,900	53,500	-0.7	53,800	53,600	-0.4
Arts, Entertainment & Recreation	8,500	5,000	-41.2	8,500	6,000	-29.4
Accommodation	19,200	4,800	-75.0	19,100	10,400	-45.5
Food Services & Drinking Places	48,300	26,300	-45.5	48,000	32,500	-32.3
Other Services	21,600	19,400	-10.2	21,700	19,900	-8.3
Government	92,800	89,800	-3.2	96,400	92,400	-4.1
Federal	31,600	31,900	0.9	31,500	31,800	1.0
State	48,500	45,600	-6.0	52,500	48,600	-7.4
Local	12,700	12,300	-3.1	12,400	12,100	-2.4
Agriculture wage and salary jobs	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
General excise & use tax rev. ($1,000)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Income-individual	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Declaration estimated taxes	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Payment with returns	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Withholding tax on wages	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Refunds	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Transient accommodations tax	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Honolulu County Surcharge 3/	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Private Building Permits ($1,000)	457,271	577,771	26.4	1,506,482	1,372,417	-8.9
Residential	108,050	132,279	22.4	414,062	320,289	-22.6
Commercial & industrial	46,432	80,914	74.3	91,967	152,359	65.7
Additions & alterations	302,789	364,577	20.4	1,000,454	899,770	-10.1
Visitor Days - by air	11,144,304	1,118,513	-90.0	31,824,294	10,264,527	-67.7
Domestic visitor days - by air	6,421,567	1,064,701	-83.4	18,768,508	6,831,601	-63.6
International visitor days - by air	4,722,738	53,811	-98.9	13,055,786	3,432,926	-73.7
Visitor arrivals by air - by air	1,632,644	44,349	-97.3	4,657,880	1,289,494	-72.3
Domestic flight visitors - by air	928,738	41,582	-95.5	2,658,626	775,421	-70.8
International flight visitors - by air	703,906	2,767	-99.6	1,999,253	514,073	-74.3
Visitor expenditures - by air ($1,000)	2,088,738	(NA)	(NA)	6,113,317	(NA)	(NA)
Hotel occupancy rates 2/	87.3	23.8	-63.5	84.6	43.9	-40.7

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. 10/30/2020

Table 3. 2020 QUARTERLY ECONOMIC INDICATORS: HAWAII COUNTY

SERIES	3rd QUARTER			YEAR-TO-DATE		
	2019	2020	% CHANGE YEAR AGO	2019	2020	% CHANGE YEAR AGO
Civilian labor force, NSA (persons) 1/	91,250	87,050	-4.6	91,000	88,900	-2.3
Civilian employed	88,050	75,750	-14.0	87,800	78,500	-10.6
Civilian unemployed	3,250	11,300	247.7	3,200	10,500	228.1
Unemployment rate, NSA (%) 1/ 2/	3.5	13.0	9.5	3.5	11.9	8.4
Total wage and salary jobs	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Total non-agric. wage & salary jobs	69,700	58,800	-15.6	70,400	63,000	-10.5
Nat. Resources, Mining, Constr.	3,700	3,600	-2.7	3,800	3,600	-5.3
Manufacturing	1,300	1,100	-15.4	1,300	1,200	-7.7
Wholesale Trade	1,800	1,700	-5.6	1,800	1,700	-5.6
Retail Trade	9,700	8,400	-13.4	9,700	8,700	-10.3
Transp., Warehousing, Util.	3,400	2,200	-35.3	3,500	2,600	-25.7
Information	600	500	-16.7	600	500	-16.7
Financial Activities	2,600	2,200	-15.4	2,600	2,400	-7.7
Professional & Business Services	6,600	5,800	-12.1	6,500	6,200	-4.6
Educational Services	1,300	1,200	-7.7	1,300	1,300	0.0
Health Care & Social Assistance	7,900	7,600	-3.8	7,800	7,700	-1.3
Arts, Entertainment & Recreation	1,600	1,300	-18.8	1,600	1,400	-12.5
Accommodation	5,800	1,800	-69.0	5,800	3,600	-37.9
Food Services & Drinking Places	6,900	5,400	-21.7	6,900	5,700	-17.4
Other Services	2,100	2,100	0.0	2,100	2,100	0.0
Government	14,200	13,800	-2.8	14,800	14,300	-3.4
Federal	1,300	1,300	0.0	1,300	1,300	0.0
State	10,100	9,700	-4.0	10,800	10,300	-4.6
Local	2,800	2,800	0.0	2,700	2,800	3.7
Agriculture wage and salary jobs	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
General excise & use tax rev. ($1,000)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Income-individual	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Declaration estimated taxes	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Payment with returns	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Withholding tax on wages	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Refunds	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Transient accommodations tax	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Honolulu County Surcharge 3/	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Private Building Permits ($1,000)	175,333	133,443	-23.9	421,703	465,706	10.4
Residential	73,395	73,265	-0.2	207,072	245,182	18.4
Commercial & industrial	27,018	33,033	22.3	63,452	113,699	79.2
Additions & alterations	74,920	27,145	-63.8	151,179	106,825	-29.3
Visitor Days - by air	3,078,776	387,909	-87.4	9,622,983	3,789,057	-60.6
Domestic visitor days - by air	2,668,951	387,909	-85.5	8,212,319	3,213,905	-60.9
International visitor days - by air	409,825	-	(NA)	1,410,664	575,152	-59.2
Visitor arrivals by air - by air	443,582	10,765	-97.6	1,323,943	405,481	-69.4
Domestic flight visitors - by air	342,275	10,765	-96.9	1,020,901	315,578	-69.1
International flight visitors - by air	101,307	-	(NA)	303,042	89,903	-70.3
Visitor expenditures - by air ($1,000)	560,312	(NA)	(NA)	1,715,792	(NA)	(NA)
Hotel occupancy rates 2/	77.7	23.9	-53.8	77.2	44.3	-33.0

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. 10/30/2020

Table 4. 2020 QUARTERLY ECONOMIC INDICATORS: MAUI COUNTY

SERIES	3rd QUARTER			YEAR-TO-DATE		
	2019	2020	% CHANGE YEAR AGO	2019	2020	% CHANGE YEAR AGO
Civilian labor force, NSA (persons) 1/	87,250	81,150	-7.0	86,900	84,500	-2.8
Civilian employed	85,000	63,200	-25.6	84,550	69,150	-18.2
Civilian unemployed	2,250	18,000	700.0	2,300	15,350	567.4
Unemployment rate, NSA (%) 1/ 2/	2.6	22.2	19.6	2.7	18.3	15.6
Total wage and salary jobs	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Total non-agric. wage & salary jobs	79,800	56,900	-28.7	80,100	65,000	-18.9
Nat. Resources, Mining, Constr.	4,400	4,100	-6.8	4,300	4,100	-4.7
Manufacturing	1,200	1,100	-8.3	1,200	1,100	-8.3
Wholesale Trade	1,600	1,400	-12.5	1,600	1,500	-6.3
Retail Trade	9,900	9,200	-7.1	9,900	9,400	-5.1
Transp., Warehousing, Util.	4,600	3,200	-30.4	4,600	3,800	-17.4
Information	600	400	-33.3	600	400	-33.3
Financial Activities	3,000	2,900	-3.3	3,100	2,900	-6.5
Professional & Business Services	7,300	6,400	-12.3	7,300	6,700	-8.2
Educational Services	1,200	900	-25.0	1,200	1,000	-16.7
Health Care & Social Assistance	8,100	7,900	-2.5	8,100	8,000	-1.2
Arts, Entertainment & Recreation	2,300	400	-82.6	2,300	1,000	-56.5
Accommodation	13,000	2,300	-82.3	12,900	6,600	-48.8
Food Services & Drinking Places	10,400	5,300	-49.0	10,500	6,800	-35.2
Other Services	3,300	2,700	-18.2	3,400	2,900	-14.7
Government	8,800	8,600	-2.3	9,100	8,700	-4.4
Federal	900	900	0.0	900	900	0.0
State	5,200	5,100	-1.9	5,500	5,200	-5.5
Local	2,700	2,600	-3.7	2,700	2,600	-3.7
Agriculture wage and salary jobs	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
General excise & use tax rev. ($1,000)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Income-individual	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Declaration estimated taxes	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Payment with returns	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Withholding tax on wages	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Refunds	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Transient accommodations tax	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Honolulu County Surcharge 3/	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Private Building Permits ($1,000)	136,255	70,958	-47.9	349,876	350,223	0.1
Residential	55,680	30,526	-45.2	188,357	138,087	-26.7
Commercial & industrial	16,474	15,904	-3.5	47,150	118,017	150.3
Additions & alterations	64,101	24,528	-61.7	114,369	94,119	-17.7
Visitor Days - by air	6,060,648	224,400	-96.3	18,583,000	5,678,477	-69.4
Domestic visitor days - by air	5,527,009	224,400	-95.9	16,123,365	4,795,166	-70.3
International visitor days - by air	533,639	-	(NA)	2,459,635	883,311	-64.1
Visitor arrivals by air - by air	804,840	7,771	-99.0	2,353,067	626,253	-73.4
Domestic flight visitors - by air	711,247	7,771	-98.9	2,004,990	527,905	-73.7
International flight visitors - by air	93,594	-	(NA)	348,077	98,349	-71.7
Visitor expenditures - by air ($1,000)	1,292,009	(NA)	(NA)	3,977,097	(NA)	(NA)
Hotel occupancy rates 2/	77.9	12.4	-65.5	78.3	39.9	-38.5

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.

10/30/2020

Table 5. 2020 QUARTERLY ECONOMIC INDICATORS: KAUAI COUNTY

SERIES	3rd QUARTER			YEAR-TO-DATE		
	2019	2020	% CHANGE YEAR AGO	2019	2020	% CHANGE YEAR AGO
Civilian labor force, NSA (persons) 1/	37,000	34,550	-6.6	36,600	35,900	-1.9
Civilian employed	36,050	27,850	-22.7	35,600	29,950	-15.9
Civilian unemployed	1,000	6,650	565.0	1,000	5,950	495.0
Unemployment rate, NSA (%) 1/ 2/	2.6	19	16.7	2.7	16.7	14.0
Total wage and salary jobs	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Total non-agric. wage & salary jobs	33,300	24800	-25.5	33,200	27,700	-16.6
Nat. Resources, Mining, Constr.	2,100	2,100	0.0	2,100	2,100	0.0
Manufacturing	500	300	-40.0	500	400	-20.0
Wholesale Trade	500	500	0.0	500	500	0.0
Retail Trade	4,100	3,400	-17.1	4,000	3,500	-12.5
Transp., Warehousing, Util.	1,700	1,000	-41.2	1,700	1,300	-23.5
Information	200	200	0.0	200	200	0.0
Financial Activities	1,200	900	-25.0	1,200	1,000	-16.7
Professional & Business Services	3,200	2,600	-18.8	3,100	2,800	-9.7
Educational Services	200	200	0.0	200	200	0.0
Health Care & Social Assistance	2,900	2,700	-6.9	2,900	2,800	-3.4
Arts, Entertainment & Recreation	1,300	1,000	-23.1	1,200	1,100	-8.3
Accommodation	4,800	500	-89.6	4,700	2,200	-53.2
Food Services & Drinking Places	4,700	3,300	-29.8	4,600	3,600	-21.7
Other Services	1,100	1,100	0.0	1,100	1,100	0.0
Government	4,900	4,900	0.0	5,100	5,000	-2.0
Federal	600	500	-16.7	600	500	-16.7
State	3,000	3,000	0.0	3,200	3,100	-3.1
Local	1,300	1,300	0.0	1,300	1,300	0.0
Agriculture wage and salary jobs	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
General excise & use tax rev. ($1,000)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Income-individual	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Declaration estimated taxes	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Payment with returns	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Withholding tax on wages	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Refunds	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Transient accommodations tax	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Honolulu County Surcharge 3/	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Private Building Permits ($1,000)	29,908	61,051	104.1	90,688	132,800	46.4
Residential	29,908	61,051	104.1	90,688	132,800	46.4
Commercial & industrial	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Additions & alterations	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Visitor Days - by air	2,525,262	132,982	-94.7	7,670,493	2,392,223	-68.8
Domestic visitor days - by air	2,378,948	132,982	-94.4	7,038,941	2,165,457	-69.2
International visitor days - by air	146,314	0	(NA)	631,552	226,766	-64.1
Visitor arrivals by air - by air	352,688	3,850	-98.9	1,039,227	287,462	-72.3
Domestic flight visitors - by air	316,708	3,850	-98.8	917,463	252,382	-72.5
International flight visitors - by air	35,980	0	(NA)	121,764	35,079	-71.2
Visitor expenditures - by air ($1,000)	492,369	(NA)	(NA)	1,456,016	(NA)	(NA)
Hotel occupancy rates 2/	73.3	17.8	-55.5	72.7	37.8	-34.9

NA Not available.

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

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A. LABOR FORCE AND JOBS

Hawaii's labor market conditions were all negative in the third quarter of 2020. The civilian labor force and the civilian employment both decreased. Since the civilian unemployment decreased more than the civilian labor force, the civilian unemployment rate decreased in the quarter. The civilian non-agricultural wage and salary jobs also decreased.

In the third quarter of 2020, the civilian labor force averaged 630,300 people, a decrease of 34,200 people or 5.1 percent from the same quarter of 2019 (Table A-1). In the first three quarters of 2020, the civilian labor force declined by 20,900 people or 3.1 percent from the same period of the previous year.

Civilian employment totaled 543,050 people in the third quarter of 2020, a decrease of 103,100 people or 16.0 percent compared to the same quarter of 2019 (Table A-2). In the first three quarters of 2020, average civilian employment decreased 80,000 people or 12.4 percent from the same period of the previous year.

In the third quarter of 2020, the number of civilian unemployed averaged 87,250, an increase of 68,900 people or 375.5 percent from the same quarter of 2019 (Table A-3). In the first three quarters of 2020, the number of unemployed increased 59,100 people or 319.7 percent from the same period of the previous year.

The unemployment rate (not seasonally adjusted) was 13.9 percent in the third quarter of 2020, 11.1 percentage points above the third quarter of 2019 (Table A-4). In the first three quarters of 2020, the unemployment rate increased 9.5 percentage points from the same period of the previous year to 12.3 percent.

In the third quarter of 2020, Hawaii's non-agricultural wage and salary jobs averaged 537,700 jobs, a decrease of 111,000 jobs or 17.1 percent from the same quarter of 2019 (Table A-6). In the first three quarters of 2020, average non-agricultural wage and salary jobs decreased 11.7 percent or 76,500 jobs from the same period of the previous year.

The job decrease in the third quarter of 2020 was due to job decreases in both the private sector and the government sector. In this quarter, the private sector lost about 107,700 non-agricultural jobs compared to the third quarter of 2019. Jobs decreased the most in Accommodation, which lost 33,300 jobs or 77.8 percent (Table A-18); followed by Food Services and Drinking Places, which lost 30,000 jobs or 42.7 percent (Table A-19), Transportation, Warehousing & Utilities, which lost 9,800 jobs or 28.7 percent (Table A-11), Professional & Business Services, lost 7,500 jobs or 10.1 percent (Table A-14), Arts, Entertainment & Recreation, lost 5,900 jobs or 43.1 percent (Table A-17), and Retail Trade, lost 5,300 jobs or 7.5 percent (Table A-10) in the quarter.

For the private sector, in the third quarter of 2020, only Natural Resources, Mining & Construction, added 200 jobs or 0.5 percent (Table A-7) in the quarter.

The Government sector lost 3,300 jobs or 2.7 percent (Table A-21) in the third quarter of 2020 compared to the same quarter of 2019. The Federal Government added 500 jobs or 1.5 percent (Table A-22), the State Government lost 3,300 jobs or 4.9 percent (Table A-23), and the Local Government lost 500 jobs or 2.6 percent (Table A-24), compared to the third quarter of 2019.

Table A-1. CIVILIAN LABOR FORCE

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	**Annual Average**
Not Seasonally Adjusted Data. Number of Persons 1/					
1982	452,900	457,500	461,250	463,400	458,800
1983	468,100	470,750	475,150	472,300	471,600
1984	472,000	476,100	472,150	471,700	473,000
1985	474,050	478,450	481,200	482,900	479,150
1986	487,800	491,500	492,900	493,400	491,400
1987	501,050	510,300	514,300	516,850	510,650
1988	516,800	517,850	519,500	517,000	517,800
1989	520,800	526,950	530,950	531,250	527,500
1990	539,050	551,100	554,900	558,600	550,900
1991	566,500	571,900	575,000	573,000	571,600
1992	578,600	584,800	587,100	586,550	584,250
1993	586,950	589,600	586,200	582,850	586,400
1994	585,800	586,950	585,500	582,600	585,200
1995	584,500	589,950	587,650	583,800	586,500
1996	590,950	596,700	597,900	596,850	595,600
1997	599,900	602,850	603,600	597,450	600,950
1998	598,150	602,700	604,850	600,600	601,600
1999	599,700	603,250	604,800	603,850	602,900
2000	605,250	607,500	605,500	605,550	605,950
2001	610,050	613,300	611,300	607,850	610,650
2002	603,950	602,200	600,350	597,200	600,900
2003	600,900	604,150	604,400	603,050	603,100
2004	605,600	610,650	612,850	614,600	610,900
2005	618,450	625,700	631,450	632,050	626,900
2006	634,000	638,850	640,500	639,700	638,250
2007	640,900	640,750	636,700	635,200	638,400
2008	639,350	644,850	641,000	633,550	639,700
2009	631,750	634,150	632,450	628,400	631,700
2010	634,550	646,600	652,750	655,100	647,250
2011	661,450	664,100	660,700	654,750	660,250
2012	650,200	648,750	645,650	644,150	647,200
2013	645,950	650,100	653,100	657,150	651,550
2014	661,400	665,850	667,250	667,350	665,450
2015 2/	670,650	673,500	674,850	676,250	673,800
2016 2/	679,000	681,950	685,750	686,200	683,200
2017 2/	688,300	686,800	682,050	678,000	683,800
2018 2/	679,500	678,700	673,750	668,800	675,200
2019 2/	666,000	663,150	664,500	666,300	665,000
2020 2/ 3	670,050	630,650	630,300	Year-to-Date	643,650
Percentage Change from the Same Period in Previous Year 1/					
1983	3.4	2.9	3.0	1.9	2.8
1984	0.8	1.1	-0.6	-0.1	0.3
1985	0.4	0.5	1.9	2.4	1.3
1986	2.9	2.7	2.4	2.2	2.6
1987	2.7	3.8	4.3	4.8	3.9
1988	3.1	1.5	1.0	0.0	1.4
1989	0.8	1.8	2.2	2.8	1.9
1990	3.5	4.6	4.5	5.1	4.4
1991	5.1	3.8	3.6	2.6	3.8
1992	2.1	2.3	2.1	2.4	2.2
1993	1.4	0.8	-0.2	-0.6	0.4
1994	-0.2	-0.4	-0.1	0.0	-0.2
1995	-0.2	0.5	0.4	0.2	0.2
1996	1.1	1.1	1.7	2.2	1.6
1997	1.5	1.0	1.0	0.1	0.9
1998	-0.3	0.0	0.2	0.5	0.1
1999	0.3	0.1	0.0	0.5	0.2
2000	0.9	0.7	0.1	0.3	0.5
2001	0.8	1.0	1.0	0.4	0.8
2002	-1.0	-1.8	-1.8	-1.8	-1.6
2003	-0.5	0.3	0.7	1.0	0.4
2004	0.8	1.1	1.4	1.9	1.3
2005	2.1	2.5	3.0	2.8	2.6
2006	2.5	2.1	1.4	1.2	1.8
2007	1.1	0.3	-0.6	-0.7	0.0
2008	-0.2	0.6	0.7	-0.3	0.2
2009	-1.2	-1.7	-1.3	-0.8	-1.3
2010	0.4	2.0	3.2	4.2	2.5
2011	4.2	2.7	1.2	-0.1	2.0
2012	-1.7	-2.3	-2.3	-1.6	-2.0
2013	-0.7	0.2	1.2	2.0	0.7
2014	2.4	2.4	2.2	1.6	2.1
2015 2/	1.4	1.1	1.1	1.3	1.3
2016 2/	1.2	1.3	1.6	1.5	1.4
2017 2/	1.4	0.7	-0.5	-1.2	0.1
2018 2/	-1.3	-1.2	-1.2	-1.4	-1.3
2019 2/	-2.0	-2.3	-1.4	-0.4	-1.5
2020 2/ 3	0.6	-4.9	-5.1	Year-to-Date	-3.1

1/ Data rounded to nearest 50.
2/ 2015-2019 benchmarked by DLIR in March 2020 and reflect revised population controls and model rec
3/ 2020 data are preliminary. Q2 revised from previous *QSER*.
Source: Hawaii Department of Labor & Industrial Relations monthly and annual data <https://www.hiwi.org/gsipub/index.asp?docid=417>. Quarterly and Year-to-date averages computed by the Hawaii State Department of Business, Economic Development & Tourism.

Table A-2. CIVILIAN EMPLOYED

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	**Annual Average**
Not Seasonally Adjusted Data. Number of Persons 1/					
1982	425,100	427,250	431,150	435,750	429,800
1983	438,200	440,200	445,900	445,600	442,500
1984	445,900	448,500	445,050	445,100	446,150
1985	449,200	452,100	454,200	458,000	453,350
1986	462,600	465,950	469,400	473,850	467,950
1987	481,700	489,300	494,000	499,850	491,200
1988	500,100	501,100	502,350	501,800	501,350
1989	506,700	513,300	517,550	519,100	514,150
1990	524,450	534,800	539,900	545,750	536,200
1991	551,550	555,250	557,750	556,250	555,200
1992	557,450	559,250	560,200	558,850	558,950
1993	559,500	562,900	560,600	557,450	560,100
1994	554,800	553,700	551,000	552,200	552,900
1995	553,250	554,450	550,300	550,050	552,000
1996	554,300	558,250	559,450	560,650	558,150
1997	563,300	564,150	564,300	562,550	563,600
1998	563,050	565,250	566,150	565,400	564,950
1999	565,600	569,050	571,900	574,950	570,400
2000	578,200	580,950	579,550	582,150	580,200
2001	585,550	586,350	585,000	575,900	583,200
2002	575,200	575,850	575,800	575,500	575,600
2003	578,000	578,300	577,950	579,050	578,300
2004	583,300	589,400	592,400	595,550	590,150
2005	600,250	607,350	612,950	615,300	608,950
2006	617,250	619,900	623,550	625,600	621,550
2007	624,800	623,050	617,950	616,350	620,550
2008	619,150	619,250	611,000	599,050	612,100
2009	589,300	587,350	585,600	583,800	586,500
2010	590,100	601,500	606,600	610,950	602,300
2011	617,200	618,800	614,800	610,550	615,300
2012	607,150	607,350	608,050	610,650	608,300
2013	613,500	617,700	621,350	626,200	619,700
2014	631,150	635,400	638,550	640,950	636,500
2015 2/	644,350	648,050	651,350	655,450	649,800
2016 2/	658,550	660,550	665,400	667,750	663,050
2017 2/	669,950	669,000	666,150	663,500	667,150
2018 2/	664,000	661,800	656,050	651,150	658,250
2019 2/	647,700	644,400	646,150	649,700	646,950
2020 2/ 3	652,600	502,550	543,050	Year-to-Date	566,050
Percentage Change from the Same Period in Previous Year 1/					
1983	3.1	3.0	3.4	2.3	3.0
1984	1.8	1.9	-0.2	-0.1	0.8
1985	0.7	0.8	2.1	2.9	1.6
1986	3.0	3.1	3.3	3.5	3.2
1987	4.1	5.0	5.2	5.5	5.0
1988	3.8	2.4	1.7	0.4	2.1
1989	1.3	2.4	3.0	3.4	2.6
1990	3.5	4.2	4.3	5.1	4.3
1991	5.2	3.8	3.3	1.9	3.5
1992	1.1	0.7	0.4	0.5	0.7
1993	0.4	0.7	0.1	-0.3	0.2
1994	-0.8	-1.6	-1.7	-0.9	-1.3
1995	-0.3	0.1	-0.1	-0.4	-0.2
1996	0.2	0.7	1.7	1.9	1.1
1997	1.6	1.1	0.9	0.3	1.0
1998	0.0	0.2	0.3	0.5	0.2
1999	0.5	0.7	1.0	1.7	1.0
2000	2.2	2.1	1.3	1.3	1.7
2001	1.3	0.9	0.9	-1.1	0.5
2002	-1.8	-1.8	-1.6	-0.1	-1.3
2003	0.5	0.4	0.4	0.6	0.5
2004	0.9	1.9	2.5	2.8	2.0
2005	2.9	3.0	3.5	3.3	3.2
2006	2.8	2.1	1.7	1.7	2.1
2007	1.2	0.5	-0.9	-1.5	-0.2
2008	-0.9	-0.6	-1.1	-2.8	-1.4
2009	-4.8	-5.2	-4.2	-2.5	-4.2
2010	0.1	2.4	3.6	4.7	2.7
2011	4.6	2.9	1.4	-0.1	2.2
2012	-1.6	-1.9	-1.1	0.0	-1.1
2013	1.0	1.7	2.2	2.5	1.9
2014	2.9	2.9	2.8	2.4	2.7
2015 2/	2.1	2.0	2.0	2.3	2.1
2016 2/	2.2	1.9	2.2	1.9	2.0
2017 2/	1.7	1.3	0.1	-0.6	0.6
2018 2/	-0.9	-1.1	-1.5	-1.9	-1.3
2019 2/	-2.5	-2.6	-1.5	-0.2	-1.7
2020 2/ 3	0.8	-22.0	-16.0	Year-to-Date	-12.4

1/ Data rounded to nearest 50.

2/ 2015-2019 benchmarked by DLIR in March 2020 and reflect revised population controls and model

3/ 2020 data are preliminary. 2020 Q2 revised from previous *QSER*.

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

Table A-3. CIVILIAN UNEMPLOYED

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	**Annual Average**
Not Seasonally Adjusted Data. Number of Persons 1/					
1982	27,800	30,250	30,150	27,650	28,950
1983	29,900	30,550	29,250	26,700	29,100
1984	26,100	27,600	27,150	26,600	26,850
1985	24,850	26,350	27,000	24,950	25,800
1986	25,200	25,550	23,550	19,550	23,450
1987	19,300	21,000	20,350	17,000	19,400
1988	16,700	16,750	17,150	15,150	16,450
1989	14,100	13,650	13,400	12,150	13,300
1990	14,650	16,300	15,000	12,800	14,700
1991	14,950	16,700	17,250	16,700	16,400
1992	21,150	25,500	26,900	27,700	25,300
1993	27,400	26,700	25,650	25,400	26,300
1994	31,050	33,250	34,500	30,450	32,300
1995	31,250	35,500	37,350	33,750	34,450
1996	36,650	38,450	38,450	36,200	37,450
1997	36,600	38,700	39,250	34,900	37,350
1998	35,150	37,500	38,750	35,200	36,650
1999	34,100	34,150	32,900	28,900	32,500
2000	27,050	26,550	25,900	23,350	25,750
2001	24,500	27,000	26,300	32,000	27,450
2002	28,700	26,400	24,500	21,700	25,350
2003	22,850	25,900	26,450	24,000	24,800
2004	22,300	21,250	20,450	19,000	20,750
2005	18,250	18,350	18,500	16,750	17,950
2006	16,750	18,950	16,950	14,100	16,700
2007	16,100	17,700	18,750	18,850	17,850
2008	20,200	25,600	30,000	34,500	27,550
2009	42,450	46,800	46,850	44,600	45,150
2010	44,450	45,100	46,150	44,150	44,950
2011	44,300	45,300	45,900	44,250	44,950
2012	43,050	41,400	37,600	33,500	38,900
2013	32,400	32,400	31,750	30,900	31,850
2014	30,300	30,450	28,750	26,400	28,950
2015 2/	26,250	25,450	23,500	20,800	24,000
2016 2/	20,450	21,400	20,350	18,450	20,150
2017 2/	18,350	17,800	15,950	14,500	16,650
2018 2/	15,500	16,900	17,650	17,700	16,950
2019 2/	18,300	18,800	18,350	16,650	18,000
2020 2/ 3	17,400	128,100	87,250	Year-to-Date	77,600
Percentage Change from the Same Period in Previous Year 1/					
1983	7.6	1.0	-3.0	-3.4	0.5
1984	-12.7	-9.7	-7.2	-0.4	-7.7
1985	-4.8	-4.5	-0.6	-6.2	-3.9
1986	1.4	-3.0	-12.8	-21.6	-9.1
1987	-23.4	-17.8	-13.6	-13.0	-17.3
1988	-13.5	-20.2	-15.7	-10.9	-15.2
1989	-15.6	-18.5	-21.9	-19.8	-19.1
1990	3.9	19.4	11.9	5.3	10.5
1991	2.0	2.5	15.0	30.5	11.6
1992	41.5	52.7	55.9	65.9	54.3
1993	29.6	4.7	-4.6	-8.3	4.0
1994	13.3	24.5	34.5	19.9	22.8
1995	0.6	6.8	8.3	10.8	6.7
1996	17.3	8.3	2.9	7.3	8.7
1997	-0.1	0.7	2.1	-3.6	-0.3
1998	-4.0	-3.1	-1.3	0.9	-1.9
1999	-3.0	-8.9	-15.1	-17.9	-11.3
2000	-20.7	-22.3	-21.3	-19.2	-20.8
2001	-9.4	1.7	1.5	37.0	6.6
2002	17.1	-2.2	-6.8	-32.2	-7.7
2003	-20.4	-1.9	8.0	10.6	-2.2
2004	-2.4	-18.0	-22.7	-20.8	-16.3
2005	-18.2	-13.6	-9.5	-11.8	-13.5
2006	-8.2	3.3	-8.4	-15.8	-7.0
2007	-3.9	-6.6	10.6	33.7	6.9
2008	25.5	44.6	60.0	83.0	54.3
2009	110.1	82.8	56.2	29.3	63.9
2010	4.7	-3.6	-1.5	-1.0	-0.4
2011	-0.3	0.4	-0.5	0.2	0.0
2012	-2.8	-8.6	-18.1	-24.3	-13.5
2013	-24.7	-21.7	-15.6	-7.8	-18.1
2014	-6.5	-6.0	-9.4	-14.6	-9.1
2015 2/	-13.4	-16.4	-18.3	-21.2	-17.1
2016 2/	-22.1	-15.9	-13.4	-11.3	-16.0
2017 2/	-10.3	-16.8	-21.6	-21.4	-17.4
2018 2/	-15.5	-5.1	10.7	22.1	1.8
2019 2/	18.1	11.2	4.0	-5.9	6.2
2020 2/ 3	-4.9	581.4	375.5	Year-to-Date	319.5

1/ Data rounded to nearest 50.
2/ 2015-2019 benchmarked by DLIR in March 2020 and reflect revised population controls and model rec
3/ 2020 data are preliminary. 2020 Q2 revised from previous *QSER*.

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

Table A-4. CIVILIAN UNEMPLOYMENT RATE

Year	*First Quarter*	*Second Quarter*	*Third Quarter*	*Fourth Quarter*	***Annual Average***
Not Seasonally Adjusted Data. Percent of the Civilian Labor Force 1/					
1982	6.1	6.6	6.5	6.0	6.3
1983	6.4	6.5	6.1	5.7	6.2
1984	5.6	5.8	5.7	5.6	5.7
1985	5.2	5.5	5.6	5.2	5.4
1986	5.2	5.2	4.8	4.0	4.8
1987	3.9	4.1	4.0	3.3	3.8
1988	3.2	3.2	3.3	2.9	3.2
1989	2.7	2.6	2.5	2.3	2.5
1990	2.7	2.9	2.7	2.3	2.7
1991	2.6	2.9	3.0	2.9	2.9
1992	3.6	4.4	4.6	4.7	4.3
1993	4.7	4.5	4.4	4.4	4.5
1994	5.3	5.7	5.9	5.2	5.5
1995	5.3	6.0	6.4	5.8	5.9
1996	6.2	6.4	6.4	6.1	6.3
1997	6.1	6.4	6.5	5.9	6.2
1998	5.9	6.2	6.4	5.9	6.1
1999	5.7	5.7	5.4	4.8	5.4
2000	4.5	4.4	4.3	3.9	4.2
2001	4.0	4.4	4.3	5.3	4.5
2002	4.7	4.4	4.1	3.6	4.2
2003	3.8	4.3	4.4	4.0	4.1
2004	3.7	3.5	3.3	3.1	3.4
2005	2.9	2.9	2.9	2.6	2.9
2006	2.6	2.9	2.7	2.2	2.6
2007	2.5	2.8	2.9	3.0	2.8
2008	3.2	4.0	4.7	5.4	4.3
2009	6.7	7.4	7.4	7.1	7.2
2010	7.0	7.0	7.1	6.7	6.9
2011	6.7	6.9	7.0	6.7	6.8
2012	6.6	6.4	5.8	5.2	6.0
2013	5.0	5.0	4.9	4.7	4.9
2014	4.6	4.6	4.3	3.9	4.4
2015 2/	3.9	3.8	3.5	3.1	3.6
2016 2/	3.0	3.2	3.0	2.7	3.0
2017 2/	2.6	2.6	2.3	2.2	2.4
2018 2/	2.3	2.5	2.6	2.6	2.5
2019 2/	2.8	2.8	2.8	2.5	2.7
2020 2/ 3/	2.6	20.3	13.9	Year-to-Date	12.3

1/ Data rounded to nearest 0.1 percent.
2/ 2015-2019 benchmarked by DLIR in March 2020 and reflect revised population controls and model
3/ 2020 data are preliminary. 2020 Q2 are revised from previous *QSER*.

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

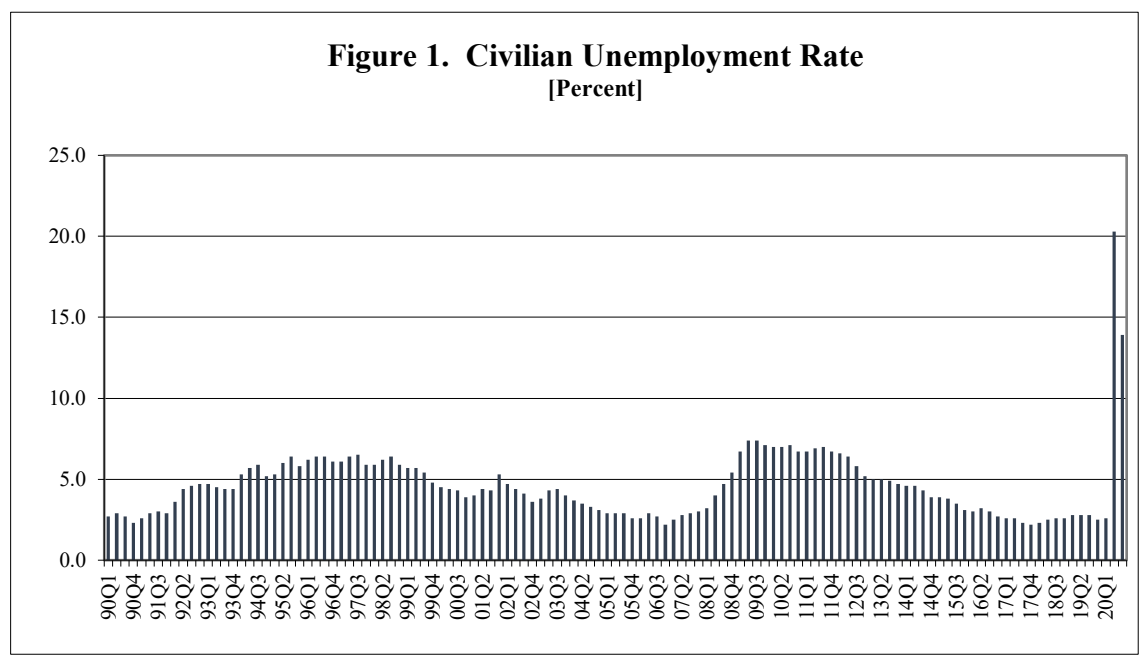


Table A-5. TOTAL WAGE AND SALARY JOBS

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	**Annual Average**
Not Seasonally Adjusted Data. Number of Jobs 1/					
1990	528,900	538,000	536,300	548,800	538,000
1991	546,700	546,700	546,200	555,100	548,700
1992	552,300	554,000	548,400	553,800	552,100
1993	548,800	551,800	540,800	547,900	547,400
1994	543,200	546,000	539,000	548,200	544,100
1995	543,100	543,200	533,600	541,000	540,200
1996	538,600	538,700	533,600	542,100	538,300
1997	540,000	540,400	534,100	541,500	539,000
1998	537,200	540,500	536,000	542,700	539,100
1999	535,700	542,400	541,000	553,400	543,100
2000	550,800	560,600	558,100	569,800	559,800
2001	563,000	566,550	562,150	560,200	562,950
2002	556,450	564,500	562,700	574,900	564,650
2003	571,750	574,400	571,800	583,800	575,450
2004	581,650	589,700	589,350	605,250	591,500
2005	599,750	609,200	608,650	619,900	609,400
2006	616,600	624,950	623,450	634,850	624,950
2007	629,200	632,850	628,150	639,300	632,350
2008	632,700	631,150	620,150	621,700	626,450
2009	606,150	601,950	590,000	596,800	598,700
2010	590,700	594,900	588,600	603,100	594,300
2011 2/ 3/	597,700	600,700	597,100	611,200	601,700
2012 3/	603,300	613,300	612,600	627,400	614,200
2013 3/	618,900	625,300	623,200	638,200	626,400
2014 3/	631,400	634,700	631,300	644,400	635,500
2015 3/	639,600	643,700	641,800	656,800	645,500
2016 3/	649,100	652,500	651,100	661,800	653,600
2017 3/	658,500	662,100	655,600	667,600	661,000
2018 3/	663,600	664,800	658,000	671,600	664,600
2019 3/	662,500	658,600	652,700	666,900	660,200
2020 3/	662,300	539,100	(NA)	Q2 Year-to-Date	600,700
Percentage Change from the Same Period in Previous Year					
1991	3.4	1.6	1.8	1.1	2.0
1992	1.0	1.3	0.4	-0.2	0.6
1993	-0.6	-0.4	-1.4	-1.1	-0.9
1994	-1.0	-1.1	-0.3	0.1	-0.6
1995	0.0	-0.5	-1.0	-1.3	-0.7
1996	-0.8	-0.8	0.0	0.2	-0.4
1997	0.3	0.3	0.1	-0.1	0.1
1998	-0.5	0.0	0.4	0.2	0.0
1999	-0.3	0.4	0.9	2.0	0.7
2000	2.8	3.4	3.2	3.0	3.1
2001	2.2	1.1	0.7	-1.7	0.6
2002	-1.2	-0.4	0.1	2.6	0.3
2003	2.7	1.8	1.6	1.5	1.9
2004	1.7	2.7	3.1	3.7	2.8
2005	3.1	3.3	3.3	2.4	3.0
2006	2.8	2.6	2.4	2.4	2.6
2007	2.0	1.3	0.8	0.7	1.2
2008	0.6	-0.3	-1.3	-2.8	-0.9
2009	-4.2	-4.6	-4.9	-4.0	-4.4
2010	-2.5	-1.2	-0.2	1.1	-0.7
2011 2/ 3/	1.2	1.0	1.4	1.3	1.2
2012 3/	0.9	2.1	2.6	2.7	2.1
2013 3/	2.6	2.0	1.7	1.7	2.0
2014 3/	2.0	1.5	1.3	1.0	1.5
2015 3/	1.3	1.4	1.7	1.9	1.6
2016 3/	1.5	1.4	1.4	0.8	1.3
2017 3/	1.4	1.5	0.7	0.9	1.1
2018 3/	0.8	0.4	0.4	0.6	0.5
2019 3/	-0.2	-0.9	-0.8	-0.7	-0.7
2020 3/	0.0	-18.1	(NA)	Q2 Year-to-Date	-9.1

NA Not available.

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

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

3/ Non-agricultural jobs for 2018 and 2019 were benchmarked by DLIR in March 2020. Beginning with 2011 Agriculture jobs estimates are U.S. Department of Agriculture National Agricultural Statistics Service (NASS) quarterly survey conducted for January, April, June and October data. No survey was conducted in April, 2011, 2011Q2 is estimated.

Source: Hawaii Department of Labor & Industrial Relations monthly and annual data <https://www.hirenethawaii.com/gsipub/index.asp?docid=727> and U.S. Department of Agriculture, National Agricultural Statistics Service <http://quickstats.nass.usda.gov/>.

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

Year	*First Quarter*	*Second Quarter*	*Third Quarter*	*Fourth Quarter*	***Annual Average***
Not Seasonally Adjusted Data. Number of Jobs 1/					
1990	520,000	528,600	525,900	539,300	528,400
1991	537,900	537,300	536,000	545,200	539,100
1992	543,100	544,700	538,700	544,800	542,800
1993	540,000	543,500	532,000	539,500	538,800
1994	535,200	538,000	530,500	540,600	536,100
1995	536,000	536,300	526,200	533,300	532,900
1996	531,400	531,500	526,100	534,500	530,900
1997	533,200	533,600	526,600	533,900	531,800
1998	530,000	533,100	528,100	535,000	531,500
1999	528,700	535,100	532,900	545,100	535,400
2000	542,900	552,900	549,900	562,100	551,900
2001	555,700	559,400	554,750	552,450	555,550
2002	549,050	557,450	555,550	567,650	557,450
2003	564,650	567,300	564,650	576,750	568,350
2004	574,550	582,500	581,950	597,750	584,200
2005	592,650	602,450	601,800	613,000	602,500
2006	609,700	618,050	616,450	627,850	618,000
2007	622,400	626,300	621,750	632,900	625,850
2008	626,300	624,900	614,050	615,850	620,300
2009	600,150	595,850	583,800	590,400	592,550
2010	584,500	588,700	582,400	596,600	588,000
2011	590,700	593,700	590,100	604,200	594,700
2012	597,300	607,300	605,600	620,400	607,700
2013	612,900	619,300	616,200	631,200	619,900
2014	624,400	627,700	624,300	637,400	628,500
2015	633,600	637,700	634,800	649,800	639,000
2016	643,100	646,500	645,100	655,800	647,600
2017	652,500	656,100	649,600	661,600	655,000
2018 2/	656,600	658,800	652,000	665,600	658,300
2019 2/	657,500	653,600	648,700	662,900	655,700
2020 3/	657,300	535,100	537,700	Year-to-Date	576,700
Percentage Change from the Same Period in Previous Year					
1991	3.4	1.6	1.9	1.1	2.0
1992	1.0	1.4	0.5	-0.1	0.7
1993	-0.6	-0.2	-1.2	-1.0	-0.7
1994	-0.9	-1.0	-0.3	0.2	-0.5
1995	0.1	-0.3	-0.8	-1.4	-0.6
1996	-0.9	-0.9	0.0	0.2	-0.4
1997	0.3	0.4	0.1	-0.1	0.2
1998	-0.6	-0.1	0.3	0.2	-0.1
1999	-0.2	0.4	0.9	1.9	0.7
2000	2.7	3.3	3.2	3.1	3.1
2001	2.4	1.2	0.9	-1.7	0.7
2002	-1.2	-0.3	0.1	2.8	0.3
2003	2.8	1.8	1.6	1.6	2.0
2004	1.8	2.7	3.1	3.6	2.8
2005	3.2	3.4	3.4	2.6	3.1
2006	2.9	2.6	2.4	2.4	2.6
2007	2.1	1.3	0.9	0.8	1.3
2008	0.6	-0.2	-1.2	-2.7	-0.9
2009	-4.2	-4.6	-4.9	-4.1	-4.5
2010	-2.6	-1.2	-0.2	1.1	-0.8
2011	1.1	0.8	1.3	1.3	1.1
2012	1.1	2.3	2.6	2.7	2.2
2013	2.6	2.0	1.8	1.7	2.0
2014	1.9	1.4	1.3	1.0	1.4
2015	1.5	1.6	1.7	1.9	1.7
2016	1.5	1.4	1.6	0.9	1.3
2017	1.5	1.5	0.7	0.9	1.1
2018 2/	0.6	0.4	0.4	0.6	0.5
2019 2/	0.1	-0.8	-0.5	-0.4	-0.4
2020 3/	0.0	-18.1	-17.1	Year-to-Date	-11.7

1/ Data rounded to nearest 100 for 1990-2000 and 2010-2017, and to 50 for 2001-2009.
2/ 2018 and 2019 data benchmarked by DLIR in March 2020.
3/ Q2 revised from previous *QSER.*
Source: Hawaii Department of Labor & Industrial Relations monthly and annual data <https://www.hiwi.org/gsipub/index.asp?docid=421>. Quarterly and Year-to-Date averages computed by the Hawaii State Department of Business, Economic Development & Tourism.

Table A-7. NATURAL RESOURCES, MINING & CONSTRUCTION

Year	*First Quarter*	*Second Quarter*	*Third Quarter*	*Fourth Quarter*	***Annual Average***
Not Seasonally Adjusted Data. Number of Jobs 1/					
1990	34,400	34,900	36,000	37,000	35,600
1991	36,200	36,500	36,300	35,400	36,100
1992	33,700	33,800	33,900	34,800	34,100
1993	35,000	34,900	34,800	33,300	34,500
1994	30,900	31,300	31,400	30,200	30,900
1995	28,000	27,700	28,100	27,200	27,700
1996	25,100	25,000	25,400	24,900	25,100
1997	23,800	23,400	23,900	23,700	23,700
1998	22,500	22,700	23,400	23,300	23,000
1999	22,100	22,500	23,300	23,500	22,900
2000	23,600	24,700	26,100	26,000	25,100
2001	25,050	24,850	25,250	24,950	25,050
2002	24,900	25,900	27,150	27,450	26,350
2003	27,250	28,250	29,000	28,850	28,350
2004	28,050	29,400	30,600	31,400	29,850
2005	31,700	33,450	34,900	35,450	33,900
2006	35,200	36,200	37,800	38,900	37,050
2007	38,400	39,400	40,300	40,550	39,650
2008	39,500	38,900	38,500	36,900	38,450
2009	33,850	32,350	31,500	30,450	32,050
2010	29,500	29,400	29,400	29,800	29,500
2011	28,500	29,300	30,200	29,900	29,500
2012	29,200	29,700	30,600	31,200	30,200
2013	30,900	31,700	32,200	32,300	31,800
2014	31,700	32,400	33,600	34,000	32,900
2015	33,200	34,900	36,600	38,400	35,800
2016	38,500	39,000	39,500	38,400	38,900
2017	37,000	37,200	37,300	36,800	37,100
2018 2/	36,200	37,200	37,900	37,800	37,300
2019 2/	36,700	37,000	37,200	37,700	37,200
2020	37,500	37,300	37,400	Year-to-Date	37,400
Percentage Change from the Same Period in Previous Year					
1991	5.2	4.6	0.8	-4.3	1.4
1992	-6.9	-7.4	-6.6	-1.7	-5.5
1993	3.9	3.3	2.7	-4.3	1.2
1994	-11.7	-10.3	-9.8	-9.3	-10.4
1995	-9.4	-11.5	-10.5	-9.9	-10.4
1996	-10.4	-9.7	-9.6	-8.5	-9.4
1997	-5.2	-6.4	-5.9	-4.8	-5.6
1998	-5.5	-3.0	-2.1	-1.7	-3.0
1999	-1.8	-0.9	-0.4	0.9	-0.4
2000	6.8	9.8	12.0	10.6	9.6
2001	6.1	0.6	-3.3	-4.0	-0.2
2002	-0.6	4.2	7.5	10.0	5.2
2003	9.4	9.1	6.8	5.1	7.6
2004	2.9	4.1	5.5	8.8	5.3
2005	13.0	13.8	14.1	12.9	13.6
2006	11.0	8.2	8.3	9.7	9.3
2007	9.1	8.8	6.6	4.2	7.0
2008	2.9	-1.3	-4.5	-9.0	-3.0
2009	-14.3	-16.8	-18.2	-17.5	-16.6
2010	-12.9	-9.1	-6.7	-2.1	-8.0
2011	-3.4	-0.3	2.7	0.3	0.0
2012	2.5	1.4	1.3	4.3	2.4
2013	5.8	6.7	5.2	3.5	5.3
2014	2.6	2.2	4.3	5.3	3.5
2015	4.7	7.7	8.9	12.9	8.8
2016	16.0	11.7	7.9	0.0	8.7
2017	-3.9	-4.6	-5.6	-4.2	-4.6
2018 2/	-2.2	0.0	1.6	2.7	0.5
2019 2/	1.4	-0.5	-1.8	-0.3	-0.3
2020	2.2	0.8	0.5	Year-to-Date	1.1

1/ Data rounded to nearest 100 for 1990-2000 and 2010-2018, and to 50 for 2001-2009.
2/ 2018 and 2019 data benchmarked by DLIR in March 2020.
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 State Department of Business, Economic Development & Tourism.

Table A-8. MANUFACTURING JOBS

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	**Annual Average**
Not Seasonally Adjusted Data. Number of Jobs 1/					
1990	20,800	20,500	20,600	20,400	20,600
1991	20,200	19,900	19,900	19,500	19,900
1992	18,700	18,800	19,200	18,600	18,800
1993	17,700	17,800	17,700	17,200	17,600
1994	16,700	17,100	17,000	16,500	16,800
1995	16,100	16,200	16,400	16,400	16,300
1996	16,000	15,900	16,200	15,900	16,000
1997	15,800	15,800	16,000	15,900	15,900
1998	15,700	15,700	15,900	15,800	15,800
1999	15,600	15,900	16,200	16,300	16,000
2000	16,200	16,400	16,700	16,800	16,500
2001	16,700	16,650	16,650	16,100	16,500
2002	15,750	15,350	15,150	15,050	15,350
2003	14,800	15,050	15,150	15,550	15,150
2004	15,500	15,600	15,550	15,500	15,550
2005	15,300	15,250	15,400	15,400	15,350
2006	15,250	15,350	15,600	15,600	15,450
2007	15,450	15,450	15,450	15,400	15,450
2008	15,250	15,300	15,050	14,650	15,050
2009	14,150	13,850	13,750	13,700	13,850
2010	13,300	13,100	13,100	13,300	13,200
2011	13,300	13,400	13,600	13,700	13,500
2012	13,600	13,400	13,600	13,700	13,600
2013	13,600	13,600	13,900	14,000	13,800
2014	13,900	13,900	14,400	14,400	14,100
2015	14,300	14,300	14,400	14,500	14,400
2016	14,400	14,400	14,500	14,600	14,500
2017	14,400	14,600	14,700	14,900	14,700
2018 2/	14,700	14,500	14,300	14,400	14,500
2019 2/	14,200	14,000	14,000	14,000	14,000
2020 3/	13,900	11,200	11,300	Year-to-Date	12,100
Percentage Change from the Same Period in Previous Year					
1991	-2.9	-2.9	-3.4	-4.4	-3.4
1992	-7.4	-5.5	-3.5	-4.6	-5.5
1993	-5.3	-5.3	-7.8	-7.5	-6.4
1994	-5.6	-3.9	-4.0	-4.1	-4.5
1995	-3.6	-5.3	-3.5	-0.6	-3.0
1996	-0.6	-1.9	-1.2	-3.0	-1.8
1997	-1.3	-0.6	-1.2	0.0	-0.6
1998	-0.6	-0.6	-0.6	-0.6	-0.6
1999	-0.6	1.3	1.9	3.2	1.3
2000	3.8	3.1	3.1	3.1	3.1
2001	3.1	1.5	-0.3	-4.2	0.0
2002	-5.7	-7.8	-9.0	-6.5	-7.0
2003	-6.0	-2.0	0.0	3.3	-1.3
2004	4.7	3.7	2.6	-0.3	2.6
2005	-1.3	-2.2	-1.0	-0.6	-1.3
2006	-0.3	0.7	1.3	1.3	0.7
2007	1.3	0.7	-1.0	-1.3	0.0
2008	-1.3	-1.0	-2.6	-4.9	-2.6
2009	-7.2	-9.5	-8.6	-6.5	-8.0
2010	-6.0	-5.4	-4.7	-2.9	-4.7
2011	0.0	2.3	3.8	3.0	2.3
2012	2.3	0.0	0.0	0.0	0.7
2013	0.0	1.5	2.2	2.2	1.5
2014	2.2	2.2	3.6	2.9	2.2
2015	2.9	2.9	0.0	0.7	2.1
2016	0.7	0.7	0.7	0.7	0.7
2017	0.0	1.4	1.4	2.1	1.4
2018 2/	2.1	-0.7	-2.7	-3.4	-1.4
2019 2/	-3.4	-3.4	-2.1	-2.8	-3.4
2020 3/	-2.1	-20.0	-19.3	Year-to-Date	-14.2

1/ Data rounded to nearest 100 for 1990-2000 and 2010-2018, and to 50 for 2001-2009.
2/ 2018 and 2019 data benchmarked by DLIR in March 2020.
3/ Q2 revised from previous QSER.
Source: Hawaii Department of Labor & Industrial Relations monthly and annual data <https://www.hiwi.org/gsipub/index.asp?docid=421>. Quarterly and Year-to-Date averages computed by the Hav State Department of Business, Economic Development & Tourism.

Table A-9. WHOLESALE TRADE JOBS

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	**Annual Average**
Not Seasonally Adjusted Data. Number of Jobs 1/					
1990	17,300	17,400	17,700	17,800	17,600
1991	17,300	17,200	17,400	17,500	17,400
1992	17,100	17,100	17,200	17,000	17,100
1993	16,900	17,000	16,700	16,500	16,800
1994	16,300	16,400	16,500	16,400	16,400
1995	16,300	16,300	16,100	16,000	16,200
1996	16,000	15,900	16,000	15,800	15,900
1997	15,600	15,600	15,800	15,900	15,700
1998	15,800	15,900	15,900	16,000	15,900
1999	15,700	15,800	15,900	16,100	15,900
2000	16,100	16,200	16,500	16,600	16,300
2001	16,500	16,600	16,650	16,450	16,550
2002	16,300	16,450	16,650	16,900	16,550
2003	16,700	16,800	16,950	17,000	16,850
2004	16,900	17,200	17,300	17,500	17,200
2005	17,450	17,700	18,000	18,150	17,850
2006	17,900	18,150	18,350	18,550	18,250
2007	18,500	18,700	18,950	19,200	18,850
2008	19,050	19,100	19,100	18,900	19,050
2009	18,350	18,100	18,050	18,000	18,150
2010	17,800	17,900	17,900	18,000	17,900
2011	17,600	17,700	17,800	18,000	17,800
2012	17,800	17,900	18,000	18,100	18,000
2013	18,000	18,000	18,000	18,000	18,000
2014	17,900	18,000	18,000	18,300	18,100
2015	18,200	18,300	18,400	18,300	18,300
2016	18,000	18,200	18,300	18,400	18,200
2017	18,300	18,300	18,400	18,400	18,300
2018 2/	18,300	18,300	18,300	18,400	18,300
2019 2/	18,400	18,200	18,100	18,200	18,200
2020 3/	18,100	15,700	15,200	Year-to-Date	16,300
Percentage Change from the Same Period in Previous Year					
1991	0.0	-1.1	-1.7	-1.7	-1.1
1992	-1.2	-0.6	-1.1	-2.9	-1.7
1993	-1.2	-0.6	-2.9	-2.9	-1.8
1994	-3.6	-3.5	-1.2	-0.6	-2.4
1995	0.0	-0.6	-2.4	-2.4	-1.2
1996	-1.8	-2.5	-0.6	-1.3	-1.9
1997	-2.5	-1.9	-1.3	0.6	-1.3
1998	1.3	1.9	0.6	0.6	1.3
1999	-0.6	-0.6	0.0	0.6	0.0
2000	2.5	2.5	3.8	3.1	2.5
2001	2.5	2.5	0.9	-0.9	1.5
2002	-1.2	-0.9	0.0	2.7	0.0
2003	2.5	2.1	1.8	0.6	1.8
2004	1.2	2.4	2.1	2.9	2.1
2005	3.3	2.9	4.0	3.7	3.8
2006	2.6	2.5	1.9	2.2	2.2
2007	3.4	3.0	3.3	3.5	3.3
2008	3.0	2.1	0.8	-1.6	1.1
2009	-3.7	-5.2	-5.5	-4.8	-4.7
2010	-3.0	-1.1	-0.8	0.0	-1.4
2011	-1.1	-1.1	-0.6	0.0	-0.6
2012	1.1	1.1	1.1	0.6	1.1
2013	1.1	0.6	0.0	-0.6	0.0
2014	-0.6	0.0	0.0	1.7	0.6
2015	1.7	1.7	2.2	0.0	1.1
2016	-1.1	-0.5	-0.5	0.5	-0.5
2017	1.7	0.5	0.5	0.0	0.5
2018 2/	0.0	0.0	-0.5	0.0	0.0
2019 2/	0.5	-0.5	-1.1	-1.1	-0.5
2020 3/	-1.6	-13.7	-16.0	Year-to-Date	-10.4

1/ Data rounded to nearest 100 for 1990-2000 and 2010-2018, and to 50 for 2001-2009.
2/ 2018 and 2019 data benchmarked by DLIR in March 2020.
3/ Q2 revised from previous QSER.
Source: Hawaii Department of Labor & Industrial Relations monthly and annual data <https://www.hiwi.org/gsipub/index.asp?docid=421>. Quarterly and Year-to-Date averages computed by the Hawaii State Department of Business, Economic Development & Tourism.

Table A-10. RETAIL TRADE JOBS

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	**Annual Average**
Not Seasonally Adjusted Data. Number of Jobs 1/					
1990	66,500	66,600	67,500	68,900	67,400
1991	67,700	66,400	67,200	68,600	67,500
1992	68,000	67,300	67,600	68,400	67,800
1993	66,200	66,900	67,600	68,800	67,400
1994	66,600	66,100	67,000	70,000	67,400
1995	68,200	67,400	68,600	70,400	68,700
1996	68,400	67,300	67,400	68,000	67,800
1997	67,600	66,300	65,600	66,600	66,500
1998	64,900	63,800	63,900	65,600	64,600
1999	63,800	64,000	64,800	67,400	65,000
2000	65,700	65,200	66,300	68,600	66,500
2001	66,900	66,200	66,300	65,800	66,300
2002	63,400	63,300	64,250	65,700	64,150
2003	63,700	63,350	64,550	66,650	64,550
2004	65,550	65,850	67,050	70,200	67,200
2005	68,500	68,300	69,500	71,700	69,500
2006	70,000	69,600	69,750	71,700	70,250
2007	70,200	69,900	70,050	72,300	70,650
2008	70,700	70,100	69,950	69,750	70,100
2009	67,450	65,900	66,050	67,650	66,750
2010	65,900	65,600	66,000	67,700	66,300
2011	66,600	66,300	67,000	69,400	67,300
2012	68,300	68,300	68,800	71,400	69,200
2013	69,500	69,200	69,800	71,900	70,100
2014	69,400	69,400	70,000	72,300	70,300
2015	70,700	70,400	70,700	73,000	71,200
2016	70,900	69,900	70,700	73,000	71,100
2017	71,100	70,900	71,400	73,500	71,700
2018 2/	72,000	71,700	72,200	73,800	72,400
2019 2/	71,600	70,600	70,700	71,500	71,100
2020 3/	70,100	63,200	65,400	Year-to-Date	66,200
Percentage Change from the Same Period in Previous Year					
1991	1.8	-0.3	-0.4	-0.4	0.1
1992	0.4	1.4	0.6	-0.3	0.4
1993	-2.6	-0.6	0.0	0.6	-0.6
1994	0.6	-1.2	-0.9	1.7	0.0
1995	2.4	2.0	2.4	0.6	1.9
1996	0.3	-0.1	-1.7	-3.4	-1.3
1997	-1.2	-1.5	-2.7	-2.1	-1.9
1998	-4.0	-3.8	-2.6	-1.5	-2.9
1999	-1.7	0.3	1.4	2.7	0.6
2000	3.0	1.9	2.3	1.8	2.3
2001	1.8	1.5	0.0	-4.1	-0.3
2002	-5.2	-4.4	-3.1	-0.2	-3.2
2003	0.5	0.1	0.5	1.4	0.6
2004	2.9	3.9	3.9	5.3	4.1
2005	4.5	3.7	3.7	2.1	3.4
2006	2.2	1.9	0.4	0.0	1.1
2007	0.3	0.4	0.4	0.8	0.6
2008	0.7	0.3	-0.1	-3.5	-0.8
2009	-4.6	-6.0	-5.6	-3.0	-4.8
2010	-2.3	-0.5	-0.1	0.1	-0.7
2011	1.1	1.1	1.5	2.5	1.5
2012	2.6	3.0	2.7	2.9	2.8
2013	1.8	1.3	1.5	0.7	1.3
2014	-0.1	0.3	0.3	0.6	0.3
2015	1.9	1.4	1.0	1.0	1.3
2016	0.3	-0.7	0.0	0.0	-0.1
2017	0.3	1.4	1.0	0.7	0.8
2018 2/	1.3	1.1	1.1	0.4	1.0
2019 2/	-0.6	-1.5	-2.1	-3.1	-1.8
2020 3/	-2.1	-10.5	-7.5	Year-to-Date	-6.8

1/ Data rounded to nearest 100 for 1990-2000 and 2010-2018, and to 50 for 2001-2009.
2/ 2018 and 2019 data benchmarked by DLIR in March 2020.
3/ Q2 revised from previous *QSER*.
Source: Hawaii Department of Labor & Industrial Relations monthly and annual data <https://www.hiwi.org/gsipub/index.asp?docid=421>. Quarterly and Year-to-Date averages computed by the H State Department of Business, Economic Development & Tourism.

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

Year	*First Quarter*	*Second Quarter*	*Third Quarter*	*Fourth Quarter*	***Annual Average***
Not Seasonally Adjusted Data. Number of Jobs					
1990	27,800	28,100	28,600	29,200	28,400
1991	28,900	28,900	29,500	30,000	29,300
1992	29,600	29,700	30,100	29,700	29,800
1993	29,500	29,200	29,100	29,300	29,300
1994	28,900	29,200	28,800	28,700	28,900
1995	28,300	28,500	28,400	28,300	28,400
1996	27,900	27,500	27,800	28,300	27,900
1997	28,300	28,100	28,100	28,100	28,200
1998	27,800	27,900	27,500	27,400	27,700
1999	26,900	27,400	27,600	28,000	27,500
2000	27,800	28,200	28,400	28,800	28,300
2001	28,900	29,200	29,250	26,750	28,500
2002	25,800	26,300	26,700	27,050	26,450
2003	27,150	26,750	26,800	26,950	26,900
2004	27,050	28,350	28,750	29,350	28,400
2005	29,550	30,950	31,750	31,550	30,950
2006	31,950	33,100	33,900	33,300	33,050
2007	33,000	32,950	33,000	33,300	33,050
2008	32,200	30,050	28,450	27,850	29,650
2009	27,350	27,000	26,700	26,450	26,850
2010	26,400	26,400	26,700	27,200	26,700
2011	27,100	27,000	27,200	27,800	27,300
2012	27,900	28,200	28,800	29,200	28,500
2013	29,200	29,500	29,900	30,200	29,700
2014	30,100	30,200	30,200	30,700	30,300
2015	30,900	31,000	31,100	31,300	31,100
2016	31,300	31,600	32,200	32,700	32,000
2017	32,600	32,600	33,200	33,500	33,000
2018 2/	33,400	33,700	33,700	34,100	33,700
2019 2/	33,900	33,800	34,100	34,800	34,200
2020 3/	34,500	25,400	24,300	Year-to-Date	28,100
Percentage Change from the Same Period in Previous Year					
1991	4.0	2.8	3.1	2.7	3.2
1992	2.4	2.8	2.0	-1.0	1.7
1993	-0.3	-1.7	-3.3	-1.3	-1.7
1994	-2.0	0.0	-1.0	-2.0	-1.4
1995	-2.1	-2.4	-1.4	-1.4	-1.7
1996	-1.4	-3.5	-2.1	0.0	-1.8
1997	1.4	2.2	1.1	-0.7	1.1
1998	-1.8	-0.7	-2.1	-2.5	-1.8
1999	-3.2	-1.8	0.4	2.2	-0.7
2000	3.3	2.9	2.9	2.9	2.9
2001	4.0	3.5	3.0	-7.1	0.7
2002	-10.7	-9.9	-8.7	1.1	-7.2
2003	5.2	1.7	0.4	-0.4	1.7
2004	-0.4	6.0	7.3	8.9	5.6
2005	9.2	9.2	10.4	7.5	9.0
2006	8.1	6.9	6.8	5.5	6.8
2007	3.3	-0.5	-2.7	0.0	0.0
2008	-2.4	-8.8	-13.8	-16.4	-10.3
2009	-15.1	-10.1	-6.2	-5.0	-9.4
2010	-3.5	-2.2	0.0	2.8	-0.6
2011	2.7	2.3	1.9	2.2	2.2
2012	3.0	4.4	5.9	5.0	4.4
2013	4.7	4.6	3.8	3.4	4.2
2014	3.1	2.4	1.0	1.7	2.0
2015	2.7	2.6	3.0	2.0	2.6
2016	1.3	1.9	3.5	4.5	2.9
2017	4.2	3.2	3.1	2.4	3.1
2018 2/	2.5	3.4	1.5	1.8	2.1
2019 2/	1.5	0.3	1.2	2.1	1.5
2020 3/	1.8	-24.9	-28.7	Year-to-Date	-17.4

1/ Data rounded to nearest 100 for 1990-2000 and 2010-2018, and to 50 for 2001-2009.
2/ 2018 and 2019 data benchmarked by DLIR in March 2020.
3/ Q2 revised from previous *QSER*.
Source: Hawaii Department of Labor & Industrial Relations monthly and annual data <https://www.hiwi.org/gsipub/index.asp?docid=421>. Quarterly and Year-to-Date averages computed by the H State Department of Business, Economic Development & Tourism.

Table A-12. INFORMATION JOBS

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	**Annual Average**
Not Seasonally Adjusted Data. Number of Jobs 1/					
1990	9,600	9,800	9,800	10,000	9,800
1991	9,800	9,900	9,700	9,900	9,800
1992	10,300	9,700	10,500	10,500	10,300
1993	10,300	9,900	9,900	9,700	10,000
1994	10,200	10,100	10,200	10,900	10,400
1995	10,400	10,200	10,400	10,400	10,400
1996	10,600	10,600	10,400	11,300	10,700
1997	10,600	11,200	11,400	11,000	11,100
1998	11,100	11,500	11,600	11,800	11,500
1999	11,200	11,400	11,800	11,800	11,600
2000	11,600	12,500	12,600	12,500	12,300
2001	12,250	12,000	11,750	11,650	11,900
2002	11,700	11,500	11,550	11,350	11,500
2003	10,900	10,900	10,050	10,050	10,450
2004	10,300	10,500	11,100	11,450	10,850
2005	10,500	10,750	10,850	11,250	10,850
2006	11,000	10,700	10,650	10,700	10,800
2007	10,800	10,950	10,550	10,350	10,700
2008	10,100	10,800	9,800	9,850	10,100
2009	9,450	9,300	8,900	9,150	9,200
2010	9,600	10,100	9,900	9,900	9,900
2011	9,400	8,100	8,400	8,600	8,600
2012	8,500	8,300	8,400	9,000	8,500
2013	8,500	8,200	9,000	9,700	8,900
2014	8,500	8,500	8,700	8,700	8,600
2015	8,700	8,400	8,700	9,400	8,800
2016	8,500	8,800	9,300	9,100	8,900
2017	9,200	9,400	9,500	8,500	9,100
2018 2/	8,900	9,800	9,200	9,100	9,300
2019 2/	9,200	8,200	8,700	8,700	8,700
2020	8,400	7,500	7,500	Year-to-Date	7,800
Percentage Change from the Same Period in Previous Year					
1991	2.1	1.0	-1.0	-1.0	0.0
1992	5.1	-2.0	8.2	6.1	5.1
1993	0.0	2.1	-5.7	-7.6	-2.9
1994	-1.0	2.0	3.0	12.4	4.0
1995	2.0	1.0	2.0	-4.6	0.0
1996	1.9	3.9	0.0	8.7	2.9
1997	0.0	5.7	9.6	-2.7	3.7
1998	4.7	2.7	1.8	7.3	3.6
1999	0.9	-0.9	1.7	0.0	0.9
2000	3.6	9.6	6.8	5.9	6.0
2001	5.6	-4.0	-6.7	-6.8	-3.3
2002	-4.5	-4.2	-1.7	-2.6	-3.4
2003	-6.8	-5.2	-13.0	-11.5	-9.1
2004	-5.5	-3.7	10.4	13.9	3.8
2005	1.9	2.4	-2.3	-1.7	0.0
2006	4.8	-0.5	-1.8	-4.9	-0.5
2007	-1.8	2.3	-0.9	-3.3	-0.9
2008	-6.5	-1.4	-7.1	-4.8	-5.6
2009	-6.4	-13.9	-9.2	-7.1	-8.9
2010	1.6	8.6	11.2	8.2	7.6
2011	-2.1	-19.8	-15.2	-13.1	-13.1
2012	-9.6	2.5	0.0	4.7	-1.2
2013	0.0	-1.2	7.1	7.8	4.7
2014	0.0	3.7	-3.3	-10.3	-3.4
2015	2.4	-1.2	0.0	8.0	2.3
2016	-2.3	4.8	6.9	-3.2	1.1
2017	8.2	6.8	2.2	-6.6	2.2
2018 2/	-3.3	4.3	-3.2	7.1	2.2
2019 2/	3.4	-16.3	-5.4	-4.4	-6.5
2020	-8.7	-8.5	-13.8	Year-to-Date	-10.3

1/ Data rounded to nearest 100 for 1990-2000 and 2010-2018, and to 50 for 2001-2009.

2/ 2018 and 2019 data benchmarked by DLIR in March 2020.

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 I State Department of Business, Economic Development & Tourism.

Table A-13. FINANCIAL ACTIVITIES JOBS

Year	*First Quarter*	*Second Quarter*	*Third Quarter*	*Fourth Quarter*	***Annual Average***
Not Seasonally Adjusted Data. Number of Jobs 1/					
1990	30,700	31,200	31,900	32,000	31,400
1991	31,400	31,400	31,700	31,800	31,600
1992	31,000	31,100	31,300	31,500	31,200
1993	31,900	32,300	32,500	32,400	32,300
1994	32,600	31,700	31,800	31,400	31,900
1995	31,000	30,800	30,900	30,800	30,900
1996	30,800	30,700	30,700	30,500	30,700
1997	30,600	30,200	30,100	29,900	30,200
1998	30,000	30,000	30,400	30,300	30,200
1999	29,900	29,900	29,400	29,200	29,600
2000	28,800	28,800	28,900	28,900	28,900
2001	28,500	28,500	28,300	27,900	28,300
2002	27,600	27,900	28,100	28,450	28,000
2003	28,200	28,550	28,950	29,000	28,700
2004	28,900	29,100	29,150	29,500	29,150
2005	29,250	29,450	29,850	30,100	29,650
2006	30,050	30,450	30,500	30,550	30,400
2007	30,500	30,500	30,500	30,450	30,500
2008	30,000	30,250	29,950	29,300	29,850
2009	28,400	28,350	28,100	28,000	28,200
2010	27,600	27,400	27,400	27,500	27,500
2011	27,100	27,100	27,200	27,300	27,200
2012	27,100	27,300	27,500	27,600	27,400
2013	27,500	27,900	27,900	28,000	27,800
2014	27,900	28,200	28,500	28,600	28,300
2015	28,600	28,900	28,900	28,700	28,800
2016	29,000	29,100	29,500	29,400	29,200
2017	29,400	29,400	29,400	29,600	29,400
2018 2/	29,500	29,600	29,600	29,800	29,600
2019 2/	29,700	29,900	29,900	30,000	29,900
2020	29,400	27,500	27,600	Year-to-Date	28,200
Percentage Change from the Same Period in Previous Year					
1991	2.3	0.6	-0.6	-0.6	0.6
1992	-1.3	-1.0	-1.3	-0.9	-1.3
1993	2.9	3.9	3.8	2.9	3.5
1994	2.2	-1.9	-2.2	-3.1	-1.2
1995	-4.9	-2.8	-2.8	-1.9	-3.1
1996	-0.6	-0.3	-0.6	-1.0	-0.6
1997	-0.6	-1.6	-2.0	-2.0	-1.6
1998	-2.0	-0.7	1.0	1.3	0.0
1999	-0.3	-0.3	-3.3	-3.6	-2.0
2000	-3.7	-3.7	-1.7	-1.0	-2.4
2001	-1.0	-1.0	-2.1	-3.5	-2.1
2002	-3.2	-2.1	-0.7	2.0	-1.1
2003	2.2	2.3	3.0	1.9	2.5
2004	2.5	1.9	0.7	1.7	1.6
2005	1.2	1.2	2.4	2.0	1.7
2006	2.7	3.4	2.2	1.5	2.5
2007	1.5	0.2	0.0	-0.3	0.3
2008	-1.6	-0.8	-1.8	-3.8	-2.1
2009	-5.3	-6.3	-6.2	-4.4	-5.5
2010	-2.8	-3.4	-2.5	-1.8	-2.5
2011	-1.8	-1.1	-0.7	-0.7	-1.1
2012	0.0	0.7	1.1	1.1	0.7
2013	1.5	2.2	1.5	1.4	1.5
2014	1.5	1.1	2.2	2.1	1.8
2015	2.5	2.5	1.4	0.3	1.8
2016	1.4	0.7	2.1	2.4	1.4
2017	1.4	1.0	-0.3	0.7	0.7
2018 2/	0.3	0.7	0.7	0.7	0.7
2019 2/	0.7	1.0	1.0	0.7	1.0
2020	-1.0	-8.0	-7.7	Year-to-Date	-5.4

1/ Data rounded to nearest 100 for 1990-2000 and 2010-2018, and to 50 for 2001-2009.
2/ 2018 and 2019 data benchmarked by DLIR in March 2020.
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 Ha State Department of Business, Economic Development & Tourism.

Table A-14. PROFESSIONAL & BUSINESS SERVICES JOBS

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	**Annual Average**
Not Seasonally Adjusted Data. Number of Jobs 1/					
1990	49,300	49,600	50,500	50,900	50,000
1991	50,900	50,700	51,100	51,200	50,900
1992	51,100	51,500	52,000	52,100	51,600
1993	51,900	51,900	51,400	51,800	51,800
1994	52,100	52,500	52,500	52,900	52,500
1995	53,200	53,100	53,200	53,200	53,200
1996	54,500	54,400	54,900	55,000	54,700
1997	55,400	54,900	54,900	55,100	55,100
1998	54,800	54,700	55,000	54,600	54,800
1999	54,800	55,400	56,200	57,600	56,000
2000	57,700	58,700	59,500	60,600	59,100
2001	60,600	61,350	62,050	61,250	61,300
2002	61,750	63,700	65,400	66,200	64,250
2003	65,750	65,800	66,800	66,950	66,350
2004	66,500	66,350	67,350	68,100	67,050
2005	68,600	69,550	70,550	72,000	70,200
2006	72,200	72,650	73,050	71,800	72,400
2007	71,000	71,100	71,850	72,600	71,650
2008	71,100	70,750	70,250	69,650	70,450
2009	67,600	65,800	64,850	65,600	65,950
2010	64,900	65,300	66,100	67,000	65,800
2011	68,200	68,900	69,100	70,400	69,200
2012	69,300	70,600	70,800	72,000	70,700
2013	72,200	72,500	73,200	74,800	73,200
2014	74,500	75,000	74,800	75,500	74,900
2015	75,000	74,900	74,700	75,300	75,000
2016	73,900	73,900	74,000	74,100	74,000
2017	73,600	74,000	74,100	74,300	74,000
2018 2/	73,600	73,900	74,300	75,400	74,300
2019 2/	74,400	73,100	73,900	74,900	74,100
2020 3/	74,400	66,200	66,400	Year-to-Date	69,000
Percentage Change from the Same Period in Previous Year					
1991	3.2	2.2	1.2	0.6	1.8
1992	0.4	1.6	1.8	1.8	1.4
1993	1.6	0.8	-1.2	-0.6	0.4
1994	0.4	1.2	2.1	2.1	1.4
1995	2.1	1.1	1.3	0.6	1.3
1996	2.4	2.4	3.2	3.4	2.8
1997	1.7	0.9	0.0	0.2	0.7
1998	-1.1	-0.4	0.2	-0.9	-0.5
1999	0.0	1.3	2.2	5.5	2.2
2000	5.3	6.0	5.9	5.2	5.5
2001	5.0	4.5	4.3	1.1	3.7
2002	1.9	3.8	5.4	8.1	4.8
2003	6.5	3.3	2.1	1.1	3.3
2004	1.1	0.8	0.8	1.7	1.1
2005	3.2	4.8	4.8	5.7	4.7
2006	5.2	4.5	3.5	-0.3	3.1
2007	-1.7	-2.1	-1.6	1.1	-1.0
2008	0.1	-0.5	-2.2	-4.1	-1.7
2009	-4.9	-7.0	-7.7	-5.8	-6.4
2010	-4.0	-0.8	1.9	2.1	-0.2
2011	5.1	5.5	4.5	5.1	5.2
2012	1.6	2.5	2.5	2.3	2.2
2013	4.2	2.7	3.4	3.9	3.5
2014	3.2	3.4	2.2	0.9	2.3
2015	0.7	-0.1	-0.1	-0.3	0.1
2016	-1.5	-1.3	-0.9	-1.6	-1.3
2017	-0.4	0.1	0.1	0.3	0.0
2018 2/	0.0	-0.1	0.3	1.5	0.4
2019 2/	1.1	-1.1	-0.5	-0.7	-0.3
2020 3/	0.0	-9.4	-10.1	Year-to-Date	-6.5

1/ Data rounded to nearest 100 for 1990-2000 and 2010-2016, and to 50 for 2001-2009.
2/ 2018-2019 data benchmarked by DLIR in March 2020.
3/ Q2 revised from previous *QSER*.
Source: Hawaii Department of Labor & Industrial Relations monthly and annual data <https://www.hiwi.org/gsipub/index.asp?docid=421>. Quarterly and Year-to-Date averages computed by the H State Department of Business, Economic Development & Tourism.

Table A-15. EDUCATIONAL SERVICES JOBS

Year	*First Quarter*	*Second Quarter*	*Third Quarter*	*Fourth Quarter*	***Annual Average***
Not Seasonally Adjusted Data. Number of Jobs 1/					
1990	9,000	8,900	8,400	9,500	8,900
1991	9,400	9,200	9,000	9,500	9,300
1992	9,700	9,600	9,200	9,900	9,600
1993	10,000	9,900	9,300	10,000	9,800
1994	9,800	9,800	9,000	10,200	9,700
1995	9,900	9,900	9,400	10,200	9,800
1996	10,100	10,200	9,700	10,500	10,100
1997	10,400	10,500	10,400	10,900	10,600
1998	10,500	10,800	10,500	11,200	10,800
1999	11,000	11,000	10,700	11,300	11,000
2000	11,400	11,300	10,800	11,700	11,300
2001	11,550	11,750	11,600	12,300	11,800
2002	12,150	12,300	11,850	12,800	12,250
2003	12,550	12,750	12,700	13,200	12,800
2004	13,000	13,250	12,900	13,650	13,200
2005	13,650	13,950	13,450	14,000	13,750
2006	13,900	14,350	13,950	14,250	14,100
2007	14,300	14,850	14,250	15,000	14,600
2008	14,800	15,150	14,650	15,250	14,950
2009	15,050	15,050	14,300	15,000	14,850
2010	14,800	14,700	14,000	15,000	14,600
2011	14,800	14,700	14,200	15,300	14,800
2012	15,200	15,400	15,000	15,400	15,300
2013	15,300	15,500	14,800	15,000	15,200
2014	14,700	14,500	13,900	14,700	14,400
2015	14,900	15,200	14,600	15,400	15,000
2016	14,700	14,700	14,500	14,500	14,600
2017	14,700	14,700	14,000	14,900	14,600
2018 2/	14,800	14,900	14,000	14,700	14,600
2019 2/	14,400	14,100	13,600	14,500	14,200
2020 3/	14,400	11,500	10,900	Year-to-Date	12,300
Percentage Change from the Same Period in Previous Year					
1991	4.4	3.4	7.1	0.0	4.5
1992	3.2	4.3	2.2	4.2	3.2
1993	3.1	3.1	1.1	1.0	2.1
1994	-2.0	-1.0	-3.2	2.0	-1.0
1995	1.0	1.0	4.4	0.0	1.0
1996	2.0	3.0	3.2	2.9	3.1
1997	3.0	2.9	7.2	3.8	5.0
1998	1.0	2.9	1.0	2.8	1.9
1999	4.8	1.9	1.9	0.9	1.9
2000	3.6	2.7	0.9	3.5	2.7
2001	1.3	4.0	7.4	5.1	4.4
2002	5.2	4.7	2.2	4.1	3.8
2003	3.3	3.7	7.2	3.1	4.5
2004	3.6	3.9	1.6	3.4	3.1
2005	5.0	5.3	4.3	2.6	4.2
2006	1.8	2.9	3.7	1.8	2.5
2007	2.9	3.5	2.2	5.3	3.5
2008	3.5	2.0	2.8	1.7	2.4
2009	1.7	-0.7	-2.4	-1.6	-0.7
2010	-1.7	-2.3	-2.1	0.0	-1.7
2011	0.0	0.0	1.4	2.0	1.4
2012	2.7	4.8	5.6	0.7	3.4
2013	0.7	0.6	-1.3	-2.6	-0.7
2014	-3.9	-6.5	-6.1	-2.0	-5.3
2015	1.4	4.8	5.0	4.8	4.2
2016	-1.3	-3.3	-0.7	-5.8	-2.7
2017	0.0	0.0	-3.4	2.8	0.0
2018 2/	0.7	1.4	0.0	-1.3	0.0
2019 2/	-2.7	-5.4	-2.9	-1.4	-2.7
2020 3/	0.0	-18.4	-19.9	Year-to-Date	-12.1

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

2/ 2018 and 2019data benchmarked by DLIR in March 2020.

3/ Q2 revised from previous *QSER*.

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

Table A-16. HEALTH CARE & SOCIAL ASSISTANCE JOBS

Year	*First Quarter*	*Second Quarter*	*Third Quarter*	*Fourth Quarter*	***Annual Average***
Not Seasonally Adjusted Data. Number of Jobs 1/					
1990	36,600	37,400	38,800	38,800	37,900
1991	39,900	39,900	41,000	41,100	40,500
1992	40,900	41,200	42,100	41,400	41,400
1993	41,300	41,600	42,200	42,100	41,800
1994	42,300	42,600	42,900	42,600	42,600
1995	42,600	42,900	42,900	42,700	42,800
1996	42,700	42,900	43,900	43,900	43,400
1997	44,300	45,000	46,000	45,800	45,300
1998	45,900	46,800	47,800	47,700	47,100
1999	47,100	48,100	48,500	48,500	48,000
2000	48,300	49,200	49,500	49,700	49,200
2001	49,850	50,650	50,900	51,150	50,650
2002	50,900	51,700	52,150	52,350	51,750
2003	52,500	53,100	53,400	54,250	53,300
2004	54,250	55,050	55,600	56,600	55,350
2005	56,650	57,150	57,100	57,350	57,050
2006	57,050	58,000	58,300	59,300	58,150
2007	59,050	59,650	59,650	59,800	59,500
2008	59,750	60,350	60,650	61,150	60,450
2009	60,750	61,000	61,000	61,350	61,050
2010	61,600	62,100	62,100	62,500	62,100
2011	61,900	62,300	63,000	63,100	62,600
2012	62,100	63,100	63,700	64,700	63,400
2013	64,700	65,200	65,600	66,000	65,400
2014	65,400	65,900	66,500	67,300	66,300
2015	67,800	68,200	68,600	69,400	68,500
2016	69,300	69,800	70,200	70,600	70,000
2017	70,600	71,100	72,500	72,900	71,800
2018 2/	72,800	72,400	72,400	73,000	72,600
2019 2/	72,700	72,300	72,900	74,300	73,000
2020 3/	73,300	71,100	71,800	Year-to-Date	72,000
Percentage Change from the Same Period in Previous Year					
1991	9.0	6.7	5.7	5.9	6.9
1992	2.5	3.3	2.7	0.7	2.2
1993	1.0	1.0	0.2	1.7	1.0
1994	2.4	2.4	1.7	1.2	1.9
1995	0.7	0.7	0.0	0.2	0.5
1996	0.2	0.0	2.3	2.8	1.4
1997	3.7	4.9	4.8	4.3	4.4
1998	3.6	4.0	3.9	4.1	4.0
1999	2.6	2.8	1.5	1.7	1.9
2000	2.5	2.3	2.1	2.5	2.5
2001	3.2	2.9	2.8	2.9	2.9
2002	2.1	2.1	2.5	2.3	2.2
2003	3.1	2.7	2.4	3.6	3.0
2004	3.3	3.7	4.1	4.3	3.8
2005	4.4	3.8	2.7	1.3	3.1
2006	0.7	1.5	2.1	3.4	1.9
2007	3.5	2.8	2.3	0.8	2.3
2008	1.2	1.2	1.7	2.3	1.6
2009	1.7	1.1	0.6	0.3	1.0
2010	1.4	1.8	1.8	1.9	1.7
2011	0.5	0.3	1.4	1.0	0.8
2012	0.3	1.3	1.1	2.5	1.3
2013	4.2	3.3	3.0	2.0	3.2
2014	1.1	1.1	1.4	2.0	1.4
2015	3.7	3.5	3.2	3.1	3.3
2016	2.2	2.3	2.3	1.7	2.2
2017	1.9	1.9	3.3	3.3	2.6
2018 2/	3.1	1.8	-0.1	0.1	1.1
2019 2/	-0.1	-0.1	0.7	1.8	0.6
2020 3/	0.8	-1.7	-1.5	Year-to-Date	-0.8

1/ Data rounded to nearest 100 for 1990-2000 and 2010-2016, and to 50 for 2001-2009.
2/ 2018-2019 data benchmarked by DLIR in March 2020.
3/ Q2 revised from previous *QSER*.
Source: Hawaii Department of Labor & Industrial Relations monthly and annual data <https://www.hiwi.org/gsipub/index.asp?docid=421>. Quarterly and Year-to-Date averages computed by the State Department of Business, Economic Development & Tourism.

Table A-17. ARTS, ENTERTAINMENT & RECREATION JOBS

Year	*First Quarter*	*Second Quarter*	*Third Quarter*	*Fourth Quarter*	***Annual Average***
Not Seasonally Adjusted Data. Number of Jobs 1/					
1990	9,100	9,100	9,500	9,300	9,300
1991	9,300	9,500	9,800	9,700	9,600
1992	10,200	10,400	10,500	10,100	10,300
1993	10,300	10,500	10,400	10,000	10,300
1994	10,400	10,700	11,000	10,400	10,600
1995	10,600	11,000	10,700	10,400	10,700
1996	10,000	10,100	10,400	10,400	10,200
1997	10,000	10,500	10,300	10,400	10,300
1998	10,200	10,500	10,600	10,600	10,500
1999	10,500	10,700	10,700	10,600	10,600
2000	10,800	11,000	11,100	11,200	11,000
2001	11,350	11,600	11,500	10,950	11,350
2002	11,050	11,300	11,250	11,350	11,250
2003	11,250	11,450	11,400	11,600	11,400
2004	11,600	11,800	11,850	11,700	11,750
2005	11,600	12,050	12,050	11,950	11,900
2006	11,850	12,250	12,100	12,200	12,100
2007	12,200	12,600	12,700	12,450	12,500
2008	12,250	12,250	12,100	11,700	12,050
2009	11,200	11,200	11,300	11,100	11,200
2010	10,800	10,900	10,900	11,000	10,900
2011	11,000	11,000	11,200	11,300	11,100
2012	11,400	12,000	12,100	12,200	11,900
2013	12,300	12,600	12,800	12,700	12,600
2014	12,600	12,800	12,700	12,700	12,700
2015	12,300	12,500	12,600	12,400	12,500
2016	12,500	12,800	13,000	13,100	12,900
2017	13,300	13,400	13,500	13,700	13,500
2018 2/	14,000	13,900	13,600	13,900	13,900
2019 2/	13,700	13,800	13,700	13,500	13,700
2020 3/	13,600	7,100	7,800	Year-to-Date	9,500
Percentage Change from the Same Period in Previous Year					
1991	2.2	4.4	3.2	4.3	3.2
1992	9.7	9.5	7.1	4.1	7.3
1993	1.0	1.0	-1.0	-1.0	0.0
1994	1.0	1.9	5.8	4.0	2.9
1995	1.9	2.8	-2.7	0.0	0.9
1996	-5.7	-8.2	-2.8	0.0	-4.7
1997	0.0	4.0	-1.0	0.0	1.0
1998	2.0	0.0	2.9	1.9	1.9
1999	2.9	1.9	0.9	0.0	1.0
2000	2.9	2.8	3.7	5.7	3.8
2001	5.1	5.5	3.6	-2.2	3.2
2002	-2.6	-2.6	-2.2	3.7	-0.9
2003	1.8	1.3	1.3	2.2	1.3
2004	3.1	3.1	3.9	0.9	3.1
2005	0.0	2.1	1.7	2.1	1.3
2006	2.2	1.7	0.4	2.1	1.7
2007	3.0	2.9	5.0	2.0	3.3
2008	0.4	-2.8	-4.7	-6.0	-3.6
2009	-8.6	-8.6	-6.6	-5.1	-7.1
2010	-3.6	-2.7	-3.5	-0.9	-2.7
2011	1.9	0.9	2.8	2.7	1.8
2012	3.6	9.1	8.0	8.0	7.2
2013	7.9	5.0	5.8	4.1	5.9
2014	2.4	1.6	-0.8	0.0	0.8
2015	-2.4	-2.3	-0.8	-2.4	-1.6
2016	1.6	2.4	3.2	5.6	3.2
2017	6.4	4.7	3.8	4.6	4.7
2018 2/	5.3	3.7	0.7	1.5	3.0
2019 2/	-2.1	-0.7	0.7	-2.9	-1.4
2020 3/	-0.7	-48.6	-43.1	Year-to-Date	-31.2

1/ Data rounded to nearest 100 for 1990-2000 and 2010-2016, and to 50 for 2001-2009.
2/ 2018-2019 data benchmarked by DLIR in March 2020.
3/ Q2 revised from previous *QSER*.
Source: Hawaii Department of Labor & Industrial Relations monthly and annual data <https://www.hiwi.org/gsipub/index.asp?docid=421>. Quarterly and Year-to-Date averages computed by the Hawaii State Department of Business, Economic Development & Tourism.

Table A-18. ACCOMMODATION JOBS

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	**Annual Average**
Not Seasonally Adjusted Data. Number of Jobs 1/					
1990	37,800	39,000	38,700	39,800	38,800
1991	40,200	39,600	41,300	41,500	40,600
1992	41,500	41,300	40,800	40,200	41,000
1993	38,600	38,100	37,600	37,400	37,900
1994	37,700	37,700	38,000	38,200	37,900
1995	37,900	37,400	37,600	37,600	37,600
1996	38,200	37,900	38,500	38,800	38,400
1997	39,000	37,900	37,900	38,200	38,300
1998	38,400	38,000	37,600	37,500	37,900
1999	37,600	37,600	37,000	38,100	37,600
2000	38,000	38,700	38,700	39,000	38,600
2001	39,050	38,800	38,850	36,150	38,200
2002	36,050	36,400	36,900	36,550	36,450
2003	37,100	36,750	37,200	37,400	37,100
2004	37,750	38,000	38,350	38,700	38,200
2005	38,900	39,050	39,450	39,350	39,200
2006	39,450	39,600	39,800	39,850	39,700
2007	39,950	39,900	39,700	39,450	39,750
2008	39,800	39,150	37,950	36,600	38,350
2009	36,250	35,400	35,250	34,950	35,500
2010	34,900	34,900	35,100	35,600	35,100
2011	35,900	36,000	36,700	37,300	36,500
2012	37,900	38,300	38,700	38,700	38,400
2013	38,900	39,200	39,500	39,700	39,300
2014	40,100	40,100	40,000	39,900	40,000
2015	40,000	39,900	40,100	40,300	40,100
2016	40,800	41,100	41,200	41,400	41,200
2017	41,800	42,500	42,600	42,900	42,500
2018 2/	42,800	42,900	43,000	43,200	43,000
2019 2/	42,600	42,400	42,800	42,500	42,600
2020 3/	42,800	16,000	9,500	Year-to-Date	22,800
Percentage Change from the Same Period in Previous Year					
1991	6.3	1.5	6.7	4.3	4.6
1992	3.2	4.3	-1.2	-3.1	1.0
1993	-7.0	-7.7	-7.8	-7.0	-7.6
1994	-2.3	-1.0	1.1	2.1	0.0
1995	0.5	-0.8	-1.1	-1.6	-0.8
1996	0.8	1.3	2.4	3.2	2.1
1997	2.1	0.0	-1.6	-1.5	-0.3
1998	-1.5	0.3	-0.8	-1.8	-1.0
1999	-2.1	-1.1	-1.6	1.6	-0.8
2000	1.1	2.9	4.6	2.4	2.7
2001	2.8	0.3	0.4	-7.3	-1.0
2002	-7.7	-6.2	-5.0	1.1	-4.6
2003	2.9	1.0	0.8	2.3	1.8
2004	1.8	3.4	3.1	3.5	3.0
2005	3.0	2.8	2.9	1.7	2.6
2006	1.4	1.4	0.9	1.3	1.3
2007	1.3	0.8	-0.3	-1.0	0.1
2008	-0.4	-1.9	-4.4	-7.2	-3.5
2009	-8.9	-9.6	-7.1	-4.5	-7.4
2010	-3.7	-1.4	-0.4	1.9	-1.1
2011	2.9	3.2	4.6	4.8	4.0
2012	5.6	6.4	5.4	3.8	5.2
2013	2.6	2.3	2.1	2.6	2.3
2014	3.1	2.3	1.3	0.5	1.8
2015	-0.2	-0.5	0.3	1.0	0.3
2016	2.0	3.0	2.7	2.7	2.7
2017	2.5	3.4	3.4	3.6	3.2
2018 2/	2.4	0.9	0.9	0.7	1.2
2019 2/	-0.5	-1.2	-0.5	-1.6	-0.9
2020 3/	0.5	-62.3	-77.8	Year-to-Date	-46.5

1/ Data rounded to nearest 100 for 1990-2000 and 2010-2016, and to 50 for 2001-2009.
2/ 2018-2019 data benchmarked by DLIR in March 2020.
3/ Q2 revised from previous *QSER*.
Source: Hawaii Department of Labor & Industrial Relations monthly and annual data <https://www.hiwi.org/gsipub/index.asp?docid=421>. Quarterly and Year-to-Date averages computed by State Department of Business, Economic Development & Tourism.

Table A-19. FOOD SERVICES & DRINKING PLACES JOBS

Year	*First Quarter*	*Second Quarter*	*Third Quarter*	*Fourth Quarter*	***Annual Average***
Not Seasonally Adjusted Data. Number of Jobs 1/					
1990	46,800	47,400	47,400	47,500	47,300
1991	47,100	47,200	47,900	46,800	47,200
1992	47,600	47,900	47,800	46,200	47,400
1993	46,100	46,200	46,300	45,900	46,100
1994	45,900	45,900	46,800	46,800	46,400
1995	47,100	46,900	47,700	47,200	47,200
1996	47,500	47,200	48,000	47,600	47,600
1997	47,400	47,400	47,800	47,600	47,600
1998	47,600	48,100	48,400	48,300	48,100
1999	48,200	49,000	49,600	49,600	49,100
2000	50,000	50,900	51,800	51,800	51,100
2001	51,200	51,500	51,600	49,350	50,900
2002	50,050	51,500	51,650	51,600	51,200
2003	51,800	52,350	53,350	53,550	52,750
2004	54,250	55,250	56,500	56,450	55,600
2005	56,200	57,400	57,800	57,300	57,200
2006	57,700	58,350	59,300	59,000	58,600
2007	59,500	60,650	60,450	59,400	60,000
2008	59,700	59,700	59,600	57,350	59,100
2009	56,550	57,100	57,200	56,500	56,850
2010	56,400	56,700	57,400	57,800	57,100
2011	58,200	58,600	58,700	58,300	58,500
2012	59,100	60,200	61,000	60,900	60,300
2013	61,500	62,500	63,000	63,400	62,600
2014	63,300	63,900	64,300	64,500	64,000
2015	64,500	65,100	66,300	66,900	65,700
2016	67,100	67,900	69,000	69,300	68,300
2017	70,500	71,100	71,700	71,500	71,200
2018 2/	71,100	70,200	70,500	70,100	70,500
2019 2/	70,000	69,800	70,300	70,500	70,200
2020 3/	70,700	34,900	40,300	Year-to-Date	48,600
Percentage Change from the Same Period in Previous Year					
1991	0.6	-0.4	1.1	-1.5	-0.2
1992	1.1	1.5	-0.2	-1.3	0.4
1993	-3.2	-3.5	-3.1	-0.6	-2.7
1994	-0.4	-0.6	1.1	2.0	0.7
1995	2.6	2.2	1.9	0.9	1.7
1996	0.8	0.6	0.6	0.8	0.8
1997	-0.2	0.4	-0.4	0.0	0.0
1998	0.4	1.5	1.3	1.5	1.1
1999	1.3	1.9	2.5	2.7	2.1
2000	3.7	3.9	4.4	4.4	4.1
2001	2.4	1.2	-0.4	-4.7	-0.4
2002	-2.2	0.0	0.1	4.6	0.6
2003	3.5	1.7	3.3	3.8	3.0
2004	4.7	5.5	5.9	5.4	5.4
2005	3.6	3.9	2.3	1.5	2.9
2006	2.7	1.7	2.6	3.0	2.4
2007	3.1	3.9	1.9	0.7	2.4
2008	0.3	-1.6	-1.4	-3.5	-1.5
2009	-5.3	-4.4	-4.0	-1.5	-3.8
2010	-0.3	-0.7	0.3	2.3	0.4
2011	3.2	3.4	2.3	0.9	2.5
2012	1.5	2.7	3.9	4.5	3.1
2013	4.1	3.8	3.3	4.1	3.8
2014	2.9	2.2	2.1	1.7	2.2
2015	1.9	1.9	3.1	3.7	2.7
2016	4.0	4.3	4.1	3.6	4.0
2017	5.1	4.7	3.9	3.2	4.2
2018 2/	0.9	-1.3	-1.7	-2.0	-1.0
2019 2/	-1.5	-0.6	-0.3	0.6	-0.4
2020 3/	1.0	-50.0	-42.7	Year-to-Date	-30.7

1/ Data rounded to nearest 100 for 1990-2000 and 2010-2016, and to 50 for 2001-2009.
2/ 2018-2019 data benchmarked by DLIR in March 2020.
3/ Q2 revised from previous *QSER*.
Source: Hawaii Department of Labor & Industrial Relations monthly and annual data <https://www.hiwi.org/gsipub/index.asp?docid=421>. Quarterly and Year-to-Date averages computed by the Hawaii State Department of Business, Economic Development & Tourism.

Table A-20. OTHER SERVICES JOBS

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	**Annual Average**
Not Seasonally Adjusted Data. Number of Jobs 1/					
1990	19,400	19,800	19,900	20,000	19,800
1991	20,100	20,200	20,900	20,900	20,500
1992	21,000	21,300	21,700	21,400	21,400
1993	21,300	21,800	22,000	21,800	21,700
1994	21,600	21,900	21,900	21,800	21,800
1995	21,700	21,800	21,900	21,700	21,800
1996	21,800	21,900	22,100	21,900	21,900
1997	21,700	22,000	21,800	21,800	21,800
1998	21,500	22,000	21,900	21,900	21,800
1999	21,500	22,100	22,000	22,400	22,000
2000	22,500	23,000	23,200	23,700	23,100
2001	23,650	23,950	23,950	23,550	23,800
2002	23,600	23,950	24,100	24,150	23,950
2003	24,050	24,550	24,550	24,750	24,450
2004	24,400	24,850	24,750	25,050	24,750
2005	24,900	25,650	25,700	25,900	25,550
2006	26,000	26,450	26,550	26,800	26,450
2007	26,500	26,850	27,150	27,450	27,000
2008	27,550	27,900	27,450	27,400	27,600
2009	26,650	26,350	26,350	26,400	26,450
2010	26,000	26,500	26,400	26,400	26,300
2011	26,100	26,400	26,600	26,700	26,400
2012	26,300	26,800	26,900	27,100	26,800
2013	26,900	27,100	27,200	27,300	27,100
2014	27,100	27,100	27,200	27,400	27,200
2015	27,200	27,500	27,400	27,600	27,400
2016	27,600	27,900	28,100	28,100	27,900
2017	28,300	28,700	28,700	28,700	28,600
2018 2/	28,600	28,800	28,700	28,700	28,700
2019 2/	28,500	28,400	28,200	28,300	28,300
2020 3/	28,000	24,700	25,200	Year-to-Date	26,000
Percentage Change from the Same Period in Previous Year					
1991	3.6	2.0	5.0	4.5	3.5
1992	4.5	5.4	3.8	2.4	4.4
1993	1.4	2.3	1.4	1.9	1.4
1994	1.4	0.5	-0.5	0.0	0.5
1995	0.5	-0.5	0.0	-0.5	0.0
1996	0.5	0.5	0.9	0.9	0.5
1997	-0.5	0.5	-1.4	-0.5	-0.5
1998	-0.9	0.0	0.5	0.5	0.0
1999	0.0	0.5	0.5	2.3	0.9
2000	4.7	4.1	5.5	5.8	5.0
2001	5.1	4.1	3.2	-0.6	3.0
2002	-0.2	0.0	0.6	2.5	0.6
2003	1.9	2.5	1.9	2.5	2.1
2004	1.5	1.2	0.8	1.2	1.2
2005	2.0	3.2	3.8	3.4	3.2
2006	4.4	3.1	3.3	3.5	3.5
2007	1.9	1.5	2.3	2.4	2.1
2008	4.0	3.9	1.1	-0.2	2.2
2009	-3.3	-5.6	-4.0	-3.6	-4.2
2010	-2.4	0.6	0.2	0.0	-0.6
2011	0.4	-0.4	0.8	1.1	0.4
2012	0.8	1.5	1.1	1.5	1.5
2013	2.3	1.1	1.1	0.7	1.1
2014	0.7	0.0	0.0	0.4	0.4
2015	0.4	1.5	0.7	0.7	0.7
2016	1.5	1.5	2.6	1.8	1.8
2017	2.5	2.9	2.1	2.1	2.5
2018 2/	1.1	0.3	0.0	0.0	0.3
2019 2/	-0.3	-1.4	-1.7	-1.4	-1.4
2020 3/	-1.8	-13.0	-10.6	Year-to-Date	-8.5

1/ Data rounded to nearest 100 for 1990-2000 and 2010-2016, and to 50 for 2001-2009.
2/ 2018-2019 data benchmarked by DLIR in March 2020.
3/ Q2 revised from previous *QSER*.
Source: Hawaii Department of Labor & Industrial Relations monthly and annual data <https://www.hiwi.org/gsipub/index.asp?docid=421>. Quarterly and Year-to-Date averages computed by the Hawaii State Department of Business, Economic Development & Tourism.

Table A-21. GOVERNMENT JOBS

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	**Annual Average**
Not Seasonally Adjusted Data. Number of Jobs 1/					
1990	104,700	109,000	100,600	108,200	105,600
1991	109,600	110,800	103,400	111,800	108,900
1992	112,700	114,000	104,800	113,000	111,100
1993	113,000	115,300	104,600	113,200	111,500
1994	113,200	115,100	105,600	113,600	111,900
1995	114,800	116,100	104,000	110,800	111,400
1996	111,800	114,000	104,900	111,600	110,600
1997	112,800	114,600	106,500	112,900	111,700
1998	113,200	114,700	107,700	113,100	112,200
1999	112,800	114,400	109,000	114,800	112,800
2000	114,400	118,100	109,700	116,300	114,600
2001	113,750	115,750	110,200	118,200	114,500
2002	118,100	120,000	112,850	120,750	117,950
2003	120,950	120,850	113,750	120,950	119,150
2004	120,600	121,950	115,150	122,650	120,100
2005	119,800	121,850	115,400	121,500	119,650
2006	120,150	122,800	116,850	125,250	121,250
2007	123,000	122,900	117,250	125,250	122,100
2008	124,550	125,200	120,650	129,650	125,000
2009	127,100	129,050	120,450	126,150	125,700
2010	125,100	127,800	119,900	127,900	125,200
2011	124,900	126,900	119,200	127,100	124,600
2012	123,600	127,800	121,700	129,100	125,600
2013	124,000	126,500	119,500	127,900	124,500
2014	127,200	127,900	121,600	128,300	126,200
2015	127,300	128,100	121,700	128,600	126,400
2016	126,600	127,300	121,300	128,900	126,000
2017	127,800	128,200	118,700	127,500	125,500
2018 2/	126,000	127,000	120,300	129,200	125,600
2019 2/	127,300	128,000	120,500	129,400	126,300
2020 3/	128,200	116,000	117,200	Year-to-Date	120,500
Percentage Change from the Same Period in Previous Year					
1991	4.7	1.7	2.8	3.3	3.1
1992	2.8	2.9	1.4	1.1	2.0
1993	0.3	1.1	-0.2	0.2	0.4
1994	0.2	-0.2	1.0	0.4	0.4
1995	1.4	0.9	-1.5	-2.5	-0.4
1996	-2.6	-1.8	0.9	0.7	-0.7
1997	0.9	0.5	1.5	1.2	1.0
1998	0.4	0.1	1.1	0.2	0.4
1999	-0.4	-0.3	1.2	1.5	0.5
2000	1.4	3.2	0.6	1.3	1.6
2001	-0.6	-2.0	0.5	1.6	-0.1
2002	3.8	3.7	2.4	2.2	3.0
2003	2.4	0.7	0.8	0.2	1.0
2004	-0.3	0.9	1.2	1.4	0.8
2005	-0.7	-0.1	0.2	-0.9	-0.4
2006	0.3	0.8	1.3	3.1	1.3
2007	2.4	0.1	0.3	0.0	0.7
2008	1.3	1.9	2.9	3.5	2.4
2009	2.0	3.1	-0.2	-2.7	0.6
2010	-1.6	-1.0	-0.5	1.4	-0.4
2011	-0.2	-0.7	-0.6	-0.6	-0.5
2012	-1.0	0.7	2.1	1.6	0.8
2013	0.3	-1.0	-1.8	-0.9	-0.9
2014	2.6	1.1	1.8	0.3	1.4
2015	0.1	0.2	0.1	0.2	0.2
2016	-0.5	-0.6	-0.3	0.2	-0.3
2017	0.9	0.7	-2.1	-1.1	-0.4
2018 2/	-1.4	-0.9	1.3	1.3	0.1
2019 2/	1.0	0.8	0.2	0.2	0.6
2020 3/	0.7	-9.4	-2.7	Year-to-Date	-3.8

1/ Data rounded to nearest 100 for 1990-2000 and 2010-2016, and to 50 for 2001-2009.
2/ 2018-2019 data benchmarked by DLIR in March 2020.
3/ Q2 revised from previous *QSER.*

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

Table A-22. FEDERAL GOVERNMENT JOBS

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	**Annual Average**
Not Seasonally Adjusted Data. Number of Jobs 1/					
1990	33,900	35,000	34,100	33,700	34,200
1991	33,400	33,500	34,400	34,100	33,900
1992	33,600	33,500	33,100	32,900	33,300
1993	31,800	32,000	31,900	31,700	31,800
1994	31,300	31,600	31,200	31,000	31,300
1995	31,000	31,200	31,200	30,900	31,100
1996	31,300	30,800	31,600	30,900	31,100
1997	30,600	30,800	30,800	30,700	30,700
1998	30,300	30,400	30,400	30,400	30,400
1999	30,100	30,100	30,500	30,500	30,300
2000	30,500	31,900	30,900	30,500	31,000
2001	29,900	30,100	30,350	30,000	30,100
2002	30,100	30,250	30,750	31,650	30,700
2003	31,600	31,400	31,800	31,750	31,650
2004	31,450	31,400	31,650	31,450	31,500
2005	31,100	31,150	31,250	31,600	31,300
2006	31,450	31,850	31,800	32,200	31,850
2007	32,050	31,650	31,450	31,900	31,750
2008	31,650	31,950	32,450	32,700	32,200
2009	32,650	33,200	33,300	34,000	33,300
2010	34,100	35,500	34,800	34,900	34,800
2011	34,800	34,800	34,900	35,100	34,900
2012	34,800	34,800	34,900	35,100	34,900
2013	34,100	34,000	33,700	33,700	33,900
2014	33,200	33,200	33,100	33,100	33,200
2015	33,000	33,000	33,000	33,200	33,100
2016	32,900	33,000	33,200	33,600	33,200
2017	33,400	33,300	33,300	33,600	33,400
2018 2/	33,300	33,600	33,700	34,200	33,700
2019 2/	34,000	33,900	34,200	35,000	34,300
2020 3/	34,700	34,100	34,700	Year-to-Date	34,500
Percentage Change from the Same Period in Previous Year					
1991	-1.5	-4.3	0.9	1.2	-0.9
1992	0.6	0.0	-3.8	-3.5	-1.8
1993	-5.4	-4.5	-3.6	-3.6	-4.5
1994	-1.6	-1.3	-2.2	-2.2	-1.6
1995	-1.0	-1.3	0.0	-0.3	-0.6
1996	1.0	-1.3	1.3	0.0	0.0
1997	-2.2	0.0	-2.5	-0.6	-1.3
1998	-1.0	-1.3	-1.3	-1.0	-1.0
1999	-0.7	-1.0	0.3	0.3	-0.3
2000	1.3	6.0	1.3	0.0	2.3
2001	-2.0	-5.6	-1.8	-1.6	-2.9
2002	0.7	0.5	1.3	5.5	2.0
2003	5.0	3.8	3.4	0.3	3.1
2004	-0.5	0.0	-0.5	-0.9	-0.5
2005	-1.1	-0.8	-1.3	0.5	-0.6
2006	1.1	2.2	1.8	1.9	1.8
2007	1.9	-0.6	-1.1	-0.9	-0.3
2008	-1.2	0.9	3.2	2.5	1.4
2009	3.2	3.9	2.6	4.0	3.4
2010	4.4	6.9	4.5	2.6	4.5
2011	2.1	-2.0	0.3	0.6	0.3
2012	0.0	0.0	0.0	0.0	0.0
2013	-2.0	-2.3	-3.4	-4.0	-2.9
2014	-2.6	-2.4	-1.8	-1.8	-2.1
2015	-0.6	-0.6	-0.3	0.3	-0.3
2016	-0.3	0.0	0.6	1.2	0.3
2017	1.5	0.9	0.3	0.0	0.6
2018 2/	-0.3	0.9	1.2	1.8	0.9
2019 2/	2.1	0.9	1.5	2.3	1.8
2020 3/	2.1	0.6	1.5	Year-to-Date	1.2

1/ Data rounded to nearest 100 for 1990-2000 and 2010-2016, and to 50 for 2001-2009.
2/ 2018-2019 data benchmarked by DLIR in March 2020.
3/ Q2 revised from previous QSER.
Source: Hawaii Department of Labor & Industrial Relations monthly and annual data <https://www.hiwi.org/gsipub/index.asp?docid=421>. Quarterly and Year-to-Date averages computed by the Hawaii State Department of Business, Economic Development & Tourism.

Table A-23. STATE GOVERNMENT JOBS

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	**Annual Average**
Not Seasonally Adjusted Data. Number of Jobs 1/					
1990	56,900	59,900	51,300	60,200	57,100
1991	61,800	62,800	53,400	63,000	60,300
1992	64,400	65,600	55,500	64,800	62,600
1993	66,100	68,000	56,800	66,100	64,200
1994	66,500	68,100	58,100	67,300	65,000
1995	67,500	68,700	55,800	63,700	63,900
1996	64,300	66,900	55,900	64,300	62,800
1997	65,900	67,300	58,000	65,800	64,300
1998	66,500	67,800	59,400	66,200	64,900
1999	66,300	67,900	61,100	67,900	65,800
2000	67,500	69,800	61,300	69,200	66,900
2001	67,150	68,800	62,150	71,150	67,300
2002	71,000	72,750	64,650	72,200	70,150
2003	72,500	72,500	64,950	72,300	70,550
2004	72,300	73,600	65,900	74,150	71,500
2005	71,800	73,550	66,550	72,700	71,150
2006	71,500	73,550	67,200	75,550	71,950
2007	73,350	73,450	67,450	75,350	72,400
2008	74,750	74,800	69,200	78,400	74,300
2009	75,900	77,200	68,150	73,650	73,700
2010	72,500	73,700	66,000	74,500	71,700
2011	71,700	73,600	65,500	73,700	71,100
2012	70,500	74,500	67,800	75,700	72,100
2013	71,500	73,900	66,800	75,500	71,900
2014	75,400	75,900	69,300	76,400	74,200
2015	75,600	76,200	69,400	76,600	74,500
2016	75,000	75,300	68,800	76,500	73,900
2017	75,600	76,000	66,100	75,100	73,200
2018 2/	73,900	74,500	67,400	76,200	73,000
2019 2/	74,600	75,000	66,800	75,400	72,900
2020	74,800	63,300	63,500	Year-to-Date	67,200
Percentage Change from the Same Period in Previous Year					
1991	8.6	4.8	4.1	4.7	5.6
1992	4.2	4.5	3.9	2.9	3.8
1993	2.6	3.7	2.3	2.0	2.6
1994	0.6	0.1	2.3	1.8	1.2
1995	1.5	0.9	-4.0	-5.3	-1.7
1996	-4.7	-2.6	0.2	0.9	-1.7
1997	2.5	0.6	3.8	2.3	2.4
1998	0.9	0.7	2.4	0.6	0.9
1999	-0.3	0.1	2.9	2.6	1.4
2000	1.8	2.8	0.3	1.9	1.7
2001	-0.5	-1.4	1.4	2.8	0.6
2002	5.7	5.7	4.0	1.5	4.2
2003	2.1	-0.3	0.5	0.1	0.6
2004	-0.3	1.5	1.5	2.6	1.3
2005	-0.7	-0.1	1.0	-2.0	-0.5
2006	-0.4	0.0	1.0	3.9	1.1
2007	2.6	-0.1	0.4	-0.3	0.6
2008	1.9	1.8	2.6	4.0	2.6
2009	1.5	3.2	-1.5	-6.1	-0.8
2010	-4.5	-4.5	-3.2	1.2	-2.7
2011	-1.1	-0.1	-0.8	-1.1	-0.8
2012	-1.7	1.2	3.5	2.7	1.4
2013	1.4	-0.8	-1.5	-0.3	-0.3
2014	5.5	2.7	3.7	1.2	3.2
2015	0.3	0.4	0.1	0.3	0.4
2016	-0.8	-1.2	-0.9	-0.1	-0.8
2017	0.8	0.9	-3.9	-1.8	-0.9
2018 2/	-2.2	-2.0	2.0	1.5	-0.3
2019 2/	0.9	0.7	-0.9	-1.0	-0.1
2020	0.3	-15.6	-4.9	Year-to-Date	-6.8

1/ Data rounded to nearest 100 for 1990-2000 and 2010-2016, and to 50 for 2001-2009.
2/ 2018-2019 data benchmarked by DLIR in March 2020.
Source: Hawaii Department of Labor & Industrial Relations monthly and annual data <https://www.hiwi.org/gsipub/index.asp?docid=421>. Quarterly and Year-to-Date averages computed by the Hawaii State Department of Business, Economic Development & Tourism.

Table A-24. LOCAL GOVERNMENT JOBS

Year	*First Quarter*	*Second Quarter*	*Third Quarter*	*Fourth Quarter*	***Annual Average***
Not Seasonally Adjusted Data. Number of Jobs 1/					
1990	13,900	14,100	15,200	14,300	14,400
1991	14,400	14,500	15,600	14,700	14,800
1992	14,700	14,900	16,200	15,300	15,300
1993	15,200	15,300	15,900	15,400	15,500
1994	15,400	15,400	16,300	15,400	15,600
1995	16,200	16,200	17,100	16,200	16,400
1996	16,300	16,300	17,400	16,500	16,600
1997	16,400	16,500	17,700	16,500	16,800
1998	16,400	16,600	17,900	16,500	16,900
1999	16,400	16,400	17,500	16,400	16,700
2000	16,300	16,500	17,400	16,600	16,700
2001	16,750	16,850	17,700	17,050	17,100
2002	17,000	17,050	17,500	16,850	17,100
2003	16,850	16,950	17,000	16,950	16,950
2004	16,850	16,950	17,650	17,050	17,100
2005	16,900	17,150	17,600	17,200	17,200
2006	17,200	17,350	17,850	17,500	17,500
2007	17,650	17,800	18,350	18,000	17,950
2008	18,150	18,450	19,000	18,550	18,550
2009	18,550	18,650	19,050	18,500	18,650
2010	18,400	18,600	19,100	18,500	18,700
2011	18,400	18,600	18,800	18,300	18,500
2012	18,300	18,500	18,900	18,400	18,500
2013	18,400	18,700	19,000	18,700	18,700
2014	18,600	18,800	19,200	18,800	18,800
2015	18,700	18,900	19,200	18,800	18,900
2016	18,800	19,000	19,300	18,800	19,000
2017	18,800	18,900	19,300	18,900	19,000
2018 2/	18,700	18,900	19,200	18,800	18,900
2019 2/	18,800	19,000	19,500	19,100	19,100
2020	18,800	18,600	19,000	Year-to-Date	18,800
Percentage Change from the Same Period in Previous Year					
1991	3.6	2.8	2.6	2.8	2.8
1992	2.1	2.8	3.8	4.1	3.4
1993	3.4	2.7	-1.9	0.7	1.3
1994	1.3	0.7	2.5	0.0	0.6
1995	5.2	5.2	4.9	5.2	5.1
1996	0.6	0.6	1.8	1.9	1.2
1997	0.6	1.2	1.7	0.0	1.2
1998	0.0	0.6	1.1	0.0	0.6
1999	0.0	-1.2	-2.2	-0.6	-1.2
2000	-0.6	0.6	-0.6	1.2	0.0
2001	2.8	2.1	1.7	2.7	2.4
2002	1.5	1.2	-1.1	-1.2	0.0
2003	-0.9	-0.6	-2.9	0.6	-0.9
2004	0.0	0.0	3.8	0.6	0.9
2005	0.3	1.2	-0.3	0.9	0.6
2006	1.8	1.2	1.4	1.7	1.7
2007	2.6	2.6	2.8	2.9	2.6
2008	2.8	3.7	3.5	3.1	3.3
2009	2.2	1.1	0.3	-0.3	0.5
2010	-0.8	-0.3	0.3	0.0	0.3
2011	0.0	0.0	-1.6	-1.1	-1.1
2012	-0.5	-0.5	0.5	0.5	0.0
2013	0.5	1.1	0.5	1.6	1.1
2014	1.1	0.5	1.1	0.5	0.5
2015	0.5	0.5	0.0	0.0	0.5
2016	0.5	0.5	0.5	0.0	0.5
2017	0.0	-0.5	0.0	0.5	0.0
2018 2/	-0.5	0.0	-0.5	-0.5	-0.5
2019 2/	0.5	0.5	1.6	1.6	1.1
2020	0.0	-2.1	-2.6	Year-to-Date	-1.6

1/ Data rounded to nearest 100 for 1990-2000 and 2010-on, and to 50 for 2001-2009.
2/ 2018-2019 data benchmarked by DLIR in March 2020.
Source: Hawaii Department of Labor & Industrial Relations monthly and annual data <https://www.hiwi.org/gsipub/index.asp?docid=421>. Quarterly and Year-to-Date averages computed by the Hawaii State Department of Business, Economic Development & Tourism.

Table A-25. AGRICULTURE WAGE AND SALARY JOBS

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	**Annual Average**
Not Seasonally Adjusted Data. Number of Jobs					
1990	8,850	9,350	10,400	9,550	9,550
1991	8,800	9,350	10,150	9,900	9,550
1992	9,200	9,350	9,650	9,000	9,300
1993	8,750	8,350	8,800	8,350	8,550
1994	8,000	8,000	8,450	7,550	8,000
1995	7,100	6,950	7,350	7,750	7,300
1996	7,200	7,200	7,550	7,600	7,400
1997	6,800	6,800	7,500	7,650	7,200
1998	7,200	7,400	7,950	7,700	7,550
1999	7,050	7,250	8,150	8,350	7,700
2000	7,950	7,700	8,150	7,700	7,900
2001	7,300	7,150	7,400	7,800	7,400
2002	7,400	7,050	7,150	7,250	7,200
2003	7,100	7,100	7,200	7,050	7,100
2004	7,100	7,200	7,400	7,550	7,300
2005	7,100	6,700	6,850	6,900	6,900
2006	6,950	6,900	7,000	6,950	6,950
2007	6,750	6,550	6,350	6,400	6,500
2008	6,400	6,250	6,100	5,850	6,150
2009	6,050	6,100	6,200	6,350	6,150
2010	6,200	6,200	6,250	6,500	6,300
2011 1/ 2/	7,000	7,000	7,000	7,000	7,000
2012 2/	6,000	6,000	7,000	7,000	6,500
2013 2/	6,000	6,000	7,000	7,000	6,500
2014 2/	7,000	7,000	7,000	7,000	7,000
2015 2/	6,000	6,000	7,000	7,000	6,500
2016 2/	6,000	6,000	6,000	6,000	6,000
2017 2/	6,000	6,000	6,000	6,000	6,000
2018 2/	7,000	6,000	6,000	6,000	6,300
2019 2/	5,000	5,000	4,000	4,000	4,500
2020 2/	5,000	4,000	(NA)	Year-to-Date	4,500
Percentage Change from the Same Period in Previous Year					
1991	-0.6	0.0	-2.4	3.7	0.0
1992	4.5	0.0	-4.9	-9.1	-2.6
1993	-4.9	-10.7	-8.8	-7.2	-8.1
1994	-8.6	-4.2	-4.0	-9.6	-6.4
1995	-11.3	-13.1	-13.0	2.6	-8.8
1996	1.4	3.6	2.7	-1.9	1.4
1997	-5.6	-5.6	-0.7	0.7	-2.7
1998	5.9	8.8	6.0	0.7	4.9
1999	-2.1	-2.0	2.5	8.4	2.0
2000	12.8	6.2	0.0	-7.8	2.6
2001	-8.2	-7.1	-9.2	1.3	-6.3
2002	1.4	-1.4	-3.4	-7.1	-2.7
2003	-4.1	0.7	0.7	-2.8	-1.4
2004	0.0	1.4	2.8	7.1	2.8
2005	0.0	-6.9	-7.4	-8.6	-5.5
2006	-2.1	3.0	2.2	0.7	0.7
2007	-2.9	-5.1	-9.3	-7.9	-6.5
2008	-5.2	-4.6	-3.9	-8.6	-5.4
2009	-5.5	-2.4	1.6	8.5	0.0
2010	2.5	1.6	0.8	2.4	2.4
2011 1/ 2/	12.9	12.9	12.0	7.7	11.1
2012 2/	-14.3	-14.3	0.0	0.0	-7.1
2013 2/	0.0	0.0	0.0	0.0	0.0
2014 2/	16.7	16.7	0.0	0.0	7.7
2015 2/	-14.3	-14.3	0.0	0.0	-7.1
2016 2/	0.0	0.0	-14.3	-14.3	-7.7
2017 2/	0.0	0.0	0.0	0.0	0.0
2018 2/	16.7	0.0	0.0	0.0	5.0
2019 2/	-28.6	-16.7	-33.3	-33.3	-28.6
2020 2/	0.0	-20.0	(NA)	Year-to-Date	-10.0

NA Not available.

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

2/ Non-agricultural jobs for 2011 to 2013 were benchmarked by DLIR in March 2014 and beginning with Agriculture jobs estimates are U.S. Department of Agriculture National Agrucultural Statistics Service (NASS quarterly survey conducted for January, April, June and October data. No survey was conducted in April, 201 2011Q2 is estimated. Jobs are rounded to the nearest 50 through 2010 and 100 thereafter.

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

B. INCOME AND PRICES

In the second quarter of 2020, total annualized nominal GDP decreased $11,682 million or 12.3 percent, from the second quarter of 2019. In the first half of 2020, total annualized nominal GDP decreased $5,579 million or 5.9 percent from the same period of the previous year. In the second quarter of 2020, total annualized real GDP (in chained 2012 dollars) decreased $11,456 million or 13.9 percent from the second quarter of 2019. In the first half of 2020, total annualized real GDP decreased $6,359 million or 7.7 percent from the same period of the previous year (Tables B-1 to B-3).

Hawaii's total personal income increased during the second quarter of 2020 over the same quarter of 2019 due to increased personal current transfer receipts.

In the second quarter of 2020, total nominal annualized personal income (i.e. not adjusted for inflation) increased $12,750.9 million or 15.9 percent over that of 2019 (Table B-5). In the first half of 2020, total annualized personal income was $87,496.2 million, an increase of 9.1 percent from the same period of the previous year.

In the second quarter of 2020, wages and salaries decreased $3,802.4 million or 9.7 percent over that of 2019. In the first half of 2020, wages and salaries decreased 3.9 percent from the same period of the previous year (Table B-8).

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, decreased $708.4 million or 6.4 percent in the second quarter of 2020 from the same quarter of 2019 (Table B-9). In the first half of 2020, supplements to wages and salaries decreased 3.1 percent from the same period of the previous year.

Proprietors' income decreased $746.0 million or 11.2 percent in the second quarter of 2020 over that of 2019 (Table B-10). In the first half of 2020, proprietors' income was down 3.8 percent from the same period of the previous year.

Dividends, interest, and rent decreased $132.1 million or 0.8 percent in the second quarter of 2020 from the same quarter of 2019. In the first half of 2020, income in this category was up 0.5 percent from the same period of the previous year (Table B-11).

The annualized personal current transfer receipts grew by $17,708.5 million or 140.2 percent in the second quarter of 2020 from the same quarter of 2019 (Table B-12). In the first half of 2020, personal current transfer receipts increased 73.0 percent from the same period of the previous year.

Contributions to government social insurance, which is subtracted from total personal income, decreased $431.5 million or 6.6 percent in the second quarter of 2020 compared to the second quarter of 2019. In the first half of 2020, contributions to government social insurance decreased 2.3 percent from the same period of the previous year (Table B-13).

In the second quarter of 2020, total non-farm private sector annualized earnings decreased $5,041.2 million or 12.5 percent from the second quarter of 2019. In dollar terms, the largest decrease occurred in accommodation and food services; followed by arts, entertainment, and recreation, transportation and warehousing, retail trade, and other services. During the second quarter of 2020, total government earnings decreased $277.8 million or 1.7 percent from the same quarter of 2019. Earnings from the federal government increased $230.5 million or 2.5 percent. Earnings from the state and local governments decreased $508.2 million or 6.9 percent in the quarter (Table B-4).

In the first half of 2020, Honolulu's Consumer Price Index for Urban Consumers (CPI-U) increased 1.6 percent from the same period in 2019 (Table B-14). This is 0.4 of a percentage point above the 1.2 percent increase for the U.S. average CPI-U but is lower than the first half of 2019 Honolulu CPI-U increase of 2.0 percent from the same period of the previous year. In the first half of 2020, the Honolulu CPI-U increased the most in Apparel (4.9 percent), followed by Food and Beverages (2.7 percent) and Recreation (2.7 percent), Housing (2.6 percent), and Education and Communication (0.9 percent). The price of Transportation decreased 4.5 percent and the price of Other Goods and Services decreased 1.4 percent compared to the first half of 2019.

Table B-1. GROSS DOMESTIC PRODUCT

[In millions of dollars at seasonally adjusted annual rates and quarterly year-over-year percent. According to NAICS 2012 classification]

Series	First Quarter 2019	Second Quarter 2019	First Quarter 2020	Second Quarter 2020	YTD 2019	YTD 2020	Percentage change: Second Quarter 2020: Second Quarter 2019	Percentage change: Second Quarter 2020: First Quarter 2020	Percentage change: YTD 2020: YTD 2019
All industry total - current dollars	94,840	95,111	95,364	83,429	94,976	89,397	-12.3	-12.5	-5.9
Private industries	75,824	76,064	76,053	64,715	75,944	70,384	-14.9	-14.9	-7.3
Agric., forestry, fishing, & hunting	403	402	422	428	402	425	6.6	1.5	5.6
Mining	78	87	68	42	83	55	-51.7	-38.1	-33.4
Utilities	1,881	1,970	1,981	1,966	1,925	1,973	-0.2	-0.7	2.5
Construction	5,540	5,514	5,506	5,510	5,527	5,508	-0.1	0.1	-0.3
Manufacturing	1,735	1,664	1,554	1,319	1,700	1,436	-20.8	-15.2	-15.5
Durable goods manufacturing	429	426	425	360	427	392	-15.5	-15.2	-8.2
Nondurable goods manufacturing	1,307	1,238	1,130	959	1,272	1,044	-22.6	-15.2	-17.9
Wholesale trade	2,989	2,980	2,883	2,425	2,984	2,654	-18.6	-15.9	-11.1
Retail trade	6,096	6,149	6,247	5,864	6,123	6,055	-4.6	-6.1	-1.1
Transportation and warehousing	5,251	5,371	5,461	3,675	5,311	4,568	-31.6	-32.7	-14.0
Information	2,083	1,898	1,895	1,813	1,990	1,854	-4.5	-4.3	-6.8
Finance and insurance	3,347	3,437	3,392	3,458	3,392	3,425	0.6	1.9	1.0
Real estate and rental and leasing	18,200	18,292	18,630	18,140	18,246	18,385	-0.8	-2.6	0.8
Prof., scientific, and tech. services	3,860	3,895	3,868	3,587	3,877	3,727	-7.9	-7.3	-3.9
Mgt of companies & enterprises	1,236	1,155	1,117	1,085	1,196	1,101	-6.0	-2.8	-7.9
Admin. & waste mgt services	2,714	2,739	2,874	2,428	2,726	2,651	-11.3	-15.5	-2.7
Educational services	1,031	1,032	1,043	866	1,032	954	-16.1	-16.9	-7.5
Health care and social assistance	6,519	6,500	6,617	5,920	6,509	6,268	-8.9	-10.5	-3.7
Arts, entertainment, and recreation	1,153	1,171	1,117	470	1,162	793	-59.9	-57.9	-31.7
Accommodation and food services	9,500	9,592	9,178	3,887	9,546	6,533	-59.5	-57.6	-31.6
Other services, except government	2,208	2,218	2,202	1,832	2,213	2,017	-17.4	-16.8	-8.9
Gov't and gov't enterprises	19,017	19,047	19,311	18,714	19,032	19,013	-1.7	-3.1	-0.1
Federal	10,344	10,370	10,489	10,637	10,357	10,563	2.6	1.4	2.0
Federal civilian	4,766	4,767	4,930	4,942	4,766	4,936	3.7	0.2	3.6
Military	5,578	5,603	5,559	5,695	5,590	5,627	1.7	2.5	0.7
State and local	8,673	8,677	8,822	8,077	8,675	8,449	-6.9	-8.5	-2.6
All industry total - chained $2012	82,330	82,131	81,069	70,674	82,230	75,871	-13.9	-12.8	-7.7
Private industries	66,051	65,746	64,696	54,938	65,898	59,817	-16.4	-15.1	-9.2
Agric., forestry, fishing, & hunting	565	569	589	714	567	651	25.5	21.2	15.0
Mining	85	90	85	84	88	85	-6.7	-1.3	-3.5
Utilities	1,585	1,700	1,793	1,744	1,643	1,769	2.6	-2.7	7.7
Construction	4,200	4,119	4,004	3,974	4,160	3,989	-3.5	-0.7	-4.1
Manufacturing	1,765	1,722	1,629	1,434	1,743	1,531	-16.7	-12.0	-12.2
Durable goods manufacturing	369	365	363	305	367	334	-16.5	-15.9	-9.1
Nondurable goods manufacturing	1,395	1,354	1,259	1,126	1,374	1,192	-16.8	-10.5	-13.2
Wholesale trade	2,654	2,581	2,479	2,120	2,617	2,300	-17.9	-14.5	-12.1
Retail trade	5,938	5,908	5,870	5,377	5,923	5,624	-9.0	-8.4	-5.0
Transportation and warehousing	4,347	4,417	4,484	3,065	4,382	3,774	-30.6	-31.6	-13.9
Information	2,324	2,118	2,111	2,059	2,221	2,085	-2.8	-2.5	-6.1
Finance and insurance	2,635	2,676	2,575	2,642	2,656	2,608	-1.3	2.6	-1.8
Real estate and rental and leasing	15,587	15,528	15,470	15,074	15,557	15,272	-2.9	-2.6	-1.8
Prof., scientific, and tech. services	3,555	3,576	3,528	3,266	3,565	3,397	-8.7	-7.4	-4.7
Mgt of companies & enterprises	1,282	1,205	1,170	1,153	1,244	1,162	-4.3	-1.5	-6.6
Admin. & waste mgt services	2,373	2,377	2,463	2,047	2,375	2,255	-13.9	-16.9	-5.0
Educational services	866	863	854	704	865	779	-18.4	-17.6	-9.9
Health care and social assistance	5,936	5,886	5,871	5,207	5,911	5,539	-11.5	-11.3	-6.3
Arts, entertainment, and recreation	988	994	927	380	991	653	-61.8	-59.0	-34.1
Accommodation and food services	7,618	7,620	7,133	2,964	7,619	5,049	-61.1	-58.4	-33.7
Other services, except government	1,822	1,806	1,726	1,428	1,814	1,577	-21.0	-17.3	-13.1
Gov't and gov't enterprises	16,285	16,390	16,377	15,731	16,337	16,054	-4.0	-3.9	-1.7
Federal	8,990	9,139	9,185	9,294	9,065	9,240	1.7	1.2	1.9
Federal civilian	4,142	4,201	4,317	4,318	4,172	4,318	2.8	0.0	3.5
Military	4,848	4,938	4,868	4,976	4,893	4,922	0.8	2.2	0.6
State and local	7,269	7,230	7,174	6,457	7,249	6,816	-10.7	-10.0	-6.0

Source revised 2005Q1 to 2020Q1, and annual 1997 to 2018.

Source: U.S. Department of Commerce, Bureau of Economic Analysis, Gross Domestic Product, by State, October 2, 2020 <http://www.bea.gov/iTable/iTable.cfm?reqid=70&step=1&isuri=1&acrdn=3> accessed October 2, 2020.

Table B-2. GROSS DOMESTIC PRODUCT

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	Annual Average
In Millions of Dollars at Seasonally Adjusted Annual Rates					
1997 1/	(NA)	(NA)	(NA)	(NA)	37,701
1998 1/	(NA)	(NA)	(NA)	(NA)	37,622
1999 1/	(NA)	(NA)	(NA)	(NA)	39,247
2000 1/	(NA)	(NA)	(NA)	(NA)	41,520
2001 1/	(NA)	(NA)	(NA)	(NA)	42,983
2002 1/	(NA)	(NA)	(NA)	(NA)	45,450
2003 1/	(NA)	(NA)	(NA)	(NA)	48,923
2004 1/	(NA)	(NA)	(NA)	(NA)	53,761
2005 1/	57,271	58,099	59,007	60,259	58,659
2006 1/	61,016	61,952	62,931	63,502	62,350
2007 1/	63,857	64,458	65,916	66,665	65,224
2008 1/	66,780	67,309	66,903	66,439	66,858
2009 1/	66,011	65,654	65,300	65,881	65,711
2010 1/	66,826	67,601	68,942	69,673	68,260
2011 1/	69,792	70,123	70,606	72,000	70,630
2012 1/	72,625	73,702	74,223	74,157	73,677
2013 1/	75,490	75,208	75,886	76,647	75,808
2014 1/	76,216	77,274	78,504	79,283	77,819
2015 1/	81,379	82,230	83,050	83,917	82,644
2016 1/	84,712	85,508	86,121	87,259	85,900
2017 1/	88,647	89,190	89,942	90,696	89,619
2018 1/	91,895	93,265	93,158	94,083	93,101
2019 1/	94,840	95,111	96,025	97,001	95,744
2020 1/	95,364	83,429	(NA)	Year-to-Date	89,397
Percentage Change from the Same Period in Previous Year					
1998 1/	(NA)	(NA)	(NA)	(NA)	-0.2
1999 1/	(NA)	(NA)	(NA)	(NA)	4.3
2000 1/	(NA)	(NA)	(NA)	(NA)	5.8
2001 1/	(NA)	(NA)	(NA)	(NA)	3.5
2002 1/	(NA)	(NA)	(NA)	(NA)	5.7
2003 1/	(NA)	(NA)	(NA)	(NA)	7.6
2004 1/	(NA)	(NA)	(NA)	(NA)	9.9
2005 1/	(NA)	(NA)	(NA)	(NA)	9.1
2006 1/	6.5	6.6	6.6	5.4	6.3
2007 1/	4.7	4.0	4.7	5.0	4.6
2008 1/	4.6	4.4	1.5	-0.3	2.5
2009 1/	-1.2	-2.5	-2.4	-0.8	-1.7
2010 1/	1.2	3.0	5.6	5.8	3.9
2011 1/	4.4	3.7	2.4	3.3	3.5
2012 1/	4.1	5.1	5.1	3.0	4.3
2013 1/	3.9	2.0	2.2	3.4	2.9
2014 1/	1.0	2.7	3.5	3.4	2.7
2015 1/	6.8	6.4	5.8	5.8	6.2
2016 1/	4.1	4.0	3.7	4.0	3.9
2017 1/	4.6	4.3	4.4	3.9	4.3
2018 1/	3.7	4.6	3.6	3.7	3.9
2019 1/	3.2	2.0	3.1	3.1	2.8
2020 1/	0.6	-12.3	(NA)	Year-to-Date	-5.9

NA Not available.

Source revised 2005Q1 to 2020Q1, and annual 1997 to 2018.

Source: U.S. Department of Commerce, Bureau of Economic Analysis, Gross Domestic Product, by State, October 2, 2020 <http://www.bea.gov/iTable/iTable.cfm?reqid=70&step=1&isuri=1&acrdn=3> accessed October 2, 2020.

Table B-3. GROSS DOMESTIC PRODUCT IN CHAINED $2012

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	Annual Average
In Millions of Dollars at Seasonally Adjusted Annual Rates					
1997 1/	(NA)	(NA)	(NA)	(NA)	55,741
1998 1/	(NA)	(NA)	(NA)	(NA)	54,353
1999 1/	(NA)	(NA)	(NA)	(NA)	55,174
2000 1/	(NA)	(NA)	(NA)	(NA)	56,441
2001 1/	(NA)	(NA)	(NA)	(NA)	56,133
2002 1/	(NA)	(NA)	(NA)	(NA)	57,914
2003 1/	(NA)	(NA)	(NA)	(NA)	60,829
2004 1/	(NA)	(NA)	(NA)	(NA)	64,926
2005 1/	67,637	68,157	68,759	69,658	68,553
2006 1/	69,766	70,319	70,745	70,708	70,384
2007 1/	70,348	70,576	71,608	72,186	71,180
2008 1/	72,220	72,659	71,712	70,134	71,681
2009 1/	69,409	69,139	68,777	69,164	69,123
2010 1/	70,036	70,481	71,657	72,127	71,075
2011 1/	71,957	71,980	71,876	73,133	72,236
2012 1/	73,287	73,791	74,018	73,611	73,677
2013 1/	74,641	73,996	74,227	74,313	74,294
2014 1/	73,745	74,246	74,902	75,069	74,491
2015 1/	76,457	76,998	77,334	77,918	77,177
2016 1/	78,459	78,842	79,179	79,894	79,094
2017 1/	80,794	80,904	81,113	81,347	81,040
2018 1/	81,933	82,529	82,045	82,309	82,204
2019 1/	82,330	82,131	82,442	82,983	82,471
2020 1/	81,069	70,674	(NA)	Year-to-Date	75,871
Percentage Change from the Same Period in Previous Year					
1998 1/	(NA)	(NA)	(NA)	(NA)	-2.5
1999 1/	(NA)	(NA)	(NA)	(NA)	1.5
2000 1/	(NA)	(NA)	(NA)	(NA)	2.3
2001 1/	(NA)	(NA)	(NA)	(NA)	-0.5
2002 1/	(NA)	(NA)	(NA)	(NA)	3.2
2003 1/	(NA)	(NA)	(NA)	(NA)	5.0
2004 1/	(NA)	(NA)	(NA)	(NA)	6.7
2005 1/	(NA)	(NA)	(NA)	(NA)	5.6
2006 1/	3.1	3.2	2.9	1.5	2.7
2007 1/	0.8	0.4	1.2	2.1	1.1
2008 1/	2.7	3.0	0.1	-2.8	0.7
2009 1/	-3.9	-4.8	-4.1	-1.4	-3.6
2010 1/	0.9	1.9	4.2	4.3	2.8
2011 1/	2.7	2.1	0.3	1.4	1.6
2012 1/	1.8	2.5	3.0	0.7	2.0
2013 1/	1.8	0.3	0.3	1.0	0.8
2014 1/	-1.2	0.3	0.9	1.0	0.3
2015 1/	3.7	3.7	3.2	3.8	3.6
2016 1/	2.6	2.4	2.4	2.5	2.5
2017 1/	3.0	2.6	2.4	1.8	2.5
2018 1/	1.4	2.0	1.1	1.2	1.4
2019 1/	0.5	-0.5	0.5	0.8	0.3
2020 1/	-1.5	-13.9	(NA)	Year-to-Date	-7.7

NA Not available.

Source revised 2005Q1 to 2020Q1, and annual 1997 to 2018.

Source: U.S. Department of Commerce, Bureau of Economic Analysis, Gross Domestic Product, by State, October 2, 2020 <http://www.bea.gov/iTable/iTable.cfm?reqid=70&step=1&isuri=1&acrdn=3> accessed October 2, 2020.

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

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

Series 1/	First Quarter 2019	Second Quarter 2019	First Quarter 2020	Second Quarter 2020	AnnAver 2019	YTD 2019	YTD 2020	Percentage change: Second Quarter 2020 / Second Quarter 2019	Second Quarter 2020 / First Quarter 2020	Ann Aver 2019 / 2019 from 2018	YTD 2020 / YTD 2019
PERSONAL INCOME	80,077,880	80,375,328	81,866,087	93,126,244	80,726,523	80,226,604	87,496,166	15.9	13.8	2.9	9.1
Earnings By Place of Work	57,126,420	57,121,092	58,112,750	51,864,187	57,466,336	57,123,756	54,988,469	-9.2	-10.8	3.2	-3.7
Wages and salaries	39,358,820	39,336,316	40,089,791	35,533,867	39,570,051	39,347,568	37,811,829	-9.7	-11.4	3.3	-3.9
Supplements to wages and salaries	11,180,312	11,142,544	11,191,305	10,434,124	11,187,748	11,161,428	10,812,715	-6.4	-6.8	1.6	-3.1
Emp'er contrib. for emp'ee pension & ins. funds	8,087,060	8,048,848	8,027,197	7,492,957	8,077,067	8,067,954	7,760,077	-6.9	-6.7	1.0	-3.8
Employer contributions for gov't social ins.	3,093,252	3,093,696	3,164,108	2,941,167	3,110,681	3,093,474	3,052,638	-4.9	-7.0	3.2	-1.3
Proprietors' income	6,587,288	6,642,232	6,831,654	5,896,196	6,708,537	6,614,760	6,363,925	-11.2	-13.7	4.8	-3.8
Farm proprietors' income	12,912	11,756	628	52,853	14,489	12,334	26,741	(2/)	(2/)	(2/)	116.8
Nonfarm proprietors' income	6,574,376	6,630,476	6,831,026	5,843,343	6,694,048	6,602,426	6,337,185	-11.9	-14.5	4.5	-4.0
Dividends, interest, and rent	17,007,920	17,172,236	17,323,745	17,040,097	17,168,006	17,090,078	17,181,921	-0.8	-1.6	1.5	0.5
plus: Personal current transfer receipts	12,488,100	12,628,240	13,105,090	30,336,698	12,672,775	12,558,170	21,720,894	140.2	131.5	4.3	73.0
Social Security benefits	4,486,084	4,522,704	4,719,914	4,752,483	4,541,750	4,504,394	4,736,199	5.1	0.7	6.4	5.1
Medicare benefits	2,792,852	2,835,996	2,928,003	3,003,633	2,850,700	2,814,424	2,965,818	5.9	2.6	6.5	5.4
Medicaid	2,121,684	2,190,956	2,233,031	2,356,242	2,201,532	2,156,320	2,294,637	7.5	5.5	-0.7	6.4
State unempl. ins. comp.	149,660	143,876	206,998	11,179,943	145,840	146,768	5,693,471	7,670.5	5,301.0	0.7	3,779.2
All other personal current transfer receipts	2,937,820	2,934,708	3,017,144	9,044,397	2,932,953	2,936,264	6,030,771	208.2	199.8	3.0	105.4
Less: Contributions for gov't social insurance	6,544,560	6,546,240	6,675,498	6,114,738	6,580,594	6,545,400	6,395,118	-6.6	-8.4	3.8	-2.3
Personal contributions for gov't social ins.	3,451,308	3,452,544	3,511,390	3,173,571	3,469,913	3,451,926	3,342,481	-8.1	-9.6	4.3	-3.2
Employer contributions for gov't social ins.	3,093,252	3,093,696	3,164,108	2,941,167	3,110,681	3,093,474	3,052,638	-4.9	-7.0	3.2	-1.3
Earnings By Industry	57,126,420	57,121,092	58,112,750	51,864,187	57,466,336	57,123,756	54,988,469	-9.2	-10.8	3.2	-3.7
Farm Earnings	221,852	225,488	230,357	287,565	230,919	223,670	258,961	27.5	24.8	10.6	15.8
Nonfarm Earnings	56,904,568	56,895,604	57,882,393	51,576,622	57,235,417	56,900,086	54,729,508	-9.3	-10.9	3.1	-3.8
Private earnings	40,494,232	40,429,296	41,205,287	35,388,071	40,701,231	40,461,764	38,296,679	-12.5	-14.1	2.8	-5.4
Forestry, fishing, & related activities	86,176	88,444	95,590	78,335	90,099	87,310	86,963	-11.4	-18.1	6.0	-0.4
Mining	29,308	32,112	31,599	31,491	31,504	30,710	31,545	-1.9	-0.3	9.3	2.7
Utilities	598,848	616,564	632,032	639,626	607,714	607,706	635,829	3.7	1.2	1.1	4.6
Construction	4,520,068	4,487,864	4,527,404	4,573,933	4,508,095	4,503,966	4,550,669	1.9	1.0	3.7	1.0
Manufacturing	974,616	969,080	974,909	872,933	972,057	971,848	923,921	-9.9	-10.5	-2.8	-4.9
Durable goods	332,788	330,636	329,153	294,849	332,338	331,712	312,001	-10.8	-10.4	0.2	-5.9
Nondurable goods	641,828	638,444	645,756	578,084	639,719	640,136	611,920	-9.5	-10.5	-4.2	-4.4
Wholesale trade	1,476,220	1,476,784	1,450,551	1,330,811	1,462,939	1,476,502	1,390,681	-9.9	-8.3	3.6	-5.8
Retail trade	3,382,024	3,412,488	3,469,087	3,189,726	3,415,452	3,397,256	3,329,407	-6.5	-8.1	2.7	-2.0
Transportation and warehousing	2,541,692	2,561,580	2,684,662	2,171,410	2,609,905	2,551,636	2,428,036	-15.2	-19.1	6.3	-4.8
Information	923,552	826,468	829,250	788,808	862,570	875,010	809,029	-4.6	-4.9	-6.7	-7.5
Finance and insurance	1,742,560	1,792,868	1,843,008	1,921,921	1,773,535	1,767,714	1,882,465	7.2	4.3	5.9	6.5
Real estate and rental and leasing	1,901,520	1,883,116	1,943,943	1,774,664	1,899,302	1,892,318	1,859,304	-5.8	-8.7	4.6	-1.7
Prof., scientific, & technical services	3,223,960	3,239,212	3,260,599	3,264,561	3,225,402	3,231,586	3,262,580	0.8	0.1	3.5	1.0
Management of companies and enterprises	1,108,416	1,037,100	995,956	979,129	1,068,452	1,072,758	987,543	-5.6	-1.7	4.8	-7.9
Admin. & waste management services	2,240,196	2,251,356	2,387,308	2,077,805	2,256,386	2,245,776	2,232,557	-7.7	-13.0	-13.8	-0.6
Educational services	843,956	846,560	858,366	705,067	851,129	845,258	781,717	-16.7	-17.9	4.1	-7.5
Health care and social assistance	5,871,440	5,835,296	6,049,546	5,885,431	5,911,118	5,853,368	5,967,489	0.9	-2.7	5.0	1.9
Arts, entertainment, and recreation	770,356	769,712	765,618	375,928	784,028	770,034	570,773	-51.2	-50.9	5.3	-25.9
Accommodation and food services	5,903,436	5,948,548	6,006,986	2,571,424	5,991,548	5,925,992	4,289,205	-56.8	-57.2	5.3	-27.6
Other services, except public admin.	2,355,888	2,354,144	2,398,873	2,155,068	2,379,996	2,355,016	2,276,971	-8.5	-10.2	4.7	-3.3
Government and government enterprises	16,410,336	16,466,308	16,677,106	16,188,551	16,534,186	16,438,322	16,432,829	-1.7	-2.9	3.8	0.0
Federal	9,036,992	9,092,944	9,150,718	9,323,398	9,132,402	9,064,968	9,237,058	2.5	1.9	4.4	1.9
Federal, civilian	3,978,220	4,005,248	4,130,175	4,137,376	4,040,782	3,991,734	4,133,776	3.3	0.2	4.2	3.6
Military	5,058,772	5,087,696	5,020,543	5,186,022	5,091,620	5,073,234	5,103,283	1.9	3.3	4.5	0.6
State and local	7,373,344	7,373,364	7,526,388	6,865,153	7,401,784	7,373,354	7,195,771	-6.9	-8.8	3.2	-2.4

NA Not available.

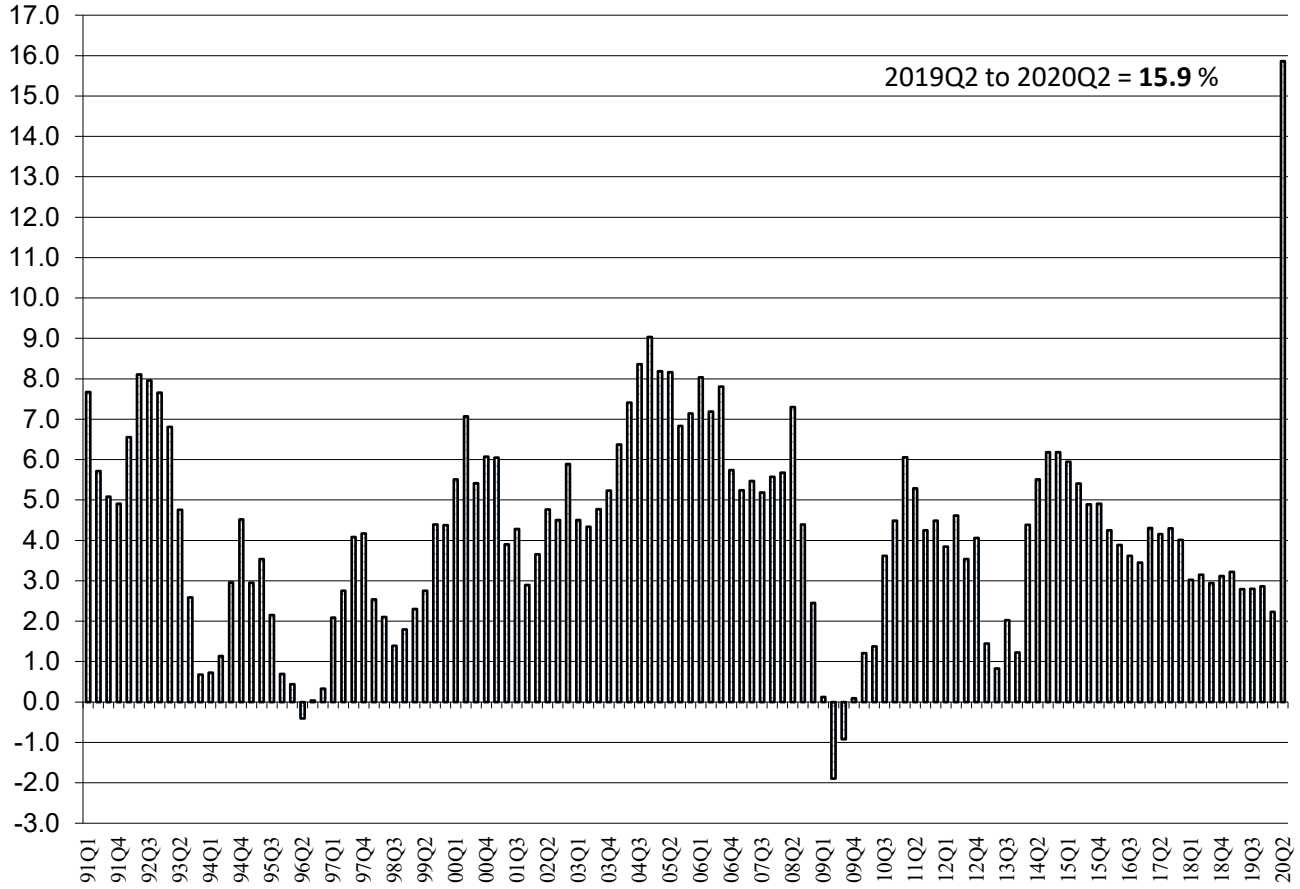
1/ 2015Q1 to 2020Q1 revised from previous QSER.

2/ Percentage change involving negative values not meaningful.

Source: U.S. Department of Commerce, Bureau of Economic Analysis, State Quarterly Personal Income, September 24, 2020 <http://www.bea.gov/iTable/iTable.cfm?reqid=70&step=1&isuri=1&acrdn=3> accessed September 24, 2020.

Figure 1. Growth in Personal Income

[percentage change from the same period in previous year]



Source: Table B-5. Personal Income.

Table B-5. PERSONAL INCOME

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	Annual Average
In Thousands of Dollars at Seasonally Adjusted Annual Rates					
1982	12,850,116	13,038,624	13,272,932	13,503,248	13,166,230
1983	14,174,288	14,290,260	14,407,944	14,900,768	14,443,315
1984	14,989,660	15,416,528	15,646,728	15,837,380	15,472,574
1985	16,165,136	16,359,104	16,546,976	16,738,836	16,452,513
1986	17,054,424	17,299,624	17,618,992	17,859,512	17,458,138
1987	18,041,348	18,377,060	18,779,656	19,276,736	18,618,700
1988	19,708,076	20,239,868	20,719,508	21,242,612	20,477,516
1989	21,805,200	22,286,220	23,242,704	24,160,212	22,873,584
1990	24,140,760	24,725,588	25,239,788	25,810,168	24,979,076
1991	25,993,160	26,138,392	26,522,260	27,077,888	26,432,925
1992	27,697,684	28,256,884	28,632,208	29,151,216	28,434,498
1993	29,583,148	29,600,600	29,372,120	29,350,124	29,476,498
1994	29,799,120	29,937,072	30,241,264	30,677,368	30,163,706
1995	30,678,928	30,995,828	30,890,928	30,890,388	30,864,018
1996	30,813,856	30,869,172	30,903,044	30,993,660	30,894,933
1997	31,458,580	31,720,076	32,165,524	32,286,008	31,907,547
1998	32,257,802	32,387,486	32,613,562	32,865,670	32,531,130
1999	32,999,839	33,278,931	34,046,003	34,305,407	33,657,545
2000	34,819,495	35,631,911	35,889,355	36,387,371	35,682,033
2001	36,926,172	37,021,100	37,427,104	37,441,756	37,204,033
2002	38,275,172	38,785,040	39,112,416	39,646,448	38,954,769
2003	39,997,884	40,466,588	40,979,648	41,719,980	40,791,025
2004	42,546,260	43,465,328	44,406,980	45,490,932	43,977,375
2005	46,030,764	47,012,644	47,442,156	48,739,740	47,306,326
2006	49,728,524	50,392,660	51,144,560	51,538,616	50,701,090
2007	52,334,756	53,149,440	53,795,136	54,412,980	53,423,078
2008	55,307,312	57,027,684	56,157,360	55,747,280	56,059,909
2009	55,375,384	55,946,380	55,641,364	55,796,996	55,690,031
2010	56,044,172	56,717,536	57,652,948	58,301,908	57,179,141
2011	59,440,424	59,716,952	60,103,024	60,918,096	60,044,624
2012	61,729,260	62,474,616	62,227,308	63,392,484	62,455,917
2013	62,620,684	62,991,672	63,486,440	64,167,604	63,316,600
2014	65,368,048	66,465,164	67,413,836	68,137,444	66,846,123
2015 2/	69,255,376	70,058,724	70,710,684	71,480,152	70,376,234
2016 2/	72,197,196	72,779,840	73,268,848	73,946,064	73,047,987
2017 2/	75,305,380	75,801,980	76,416,752	76,914,408	76,109,630
2018 2/	77,580,084	78,189,836	78,664,088	79,310,452	78,436,115
2019 2/	80,077,880	80,375,328	80,868,124	81,584,760	80,726,523
2020 2/	81,866,087	93,126,244	(NA)	Year-to-Date	87,496,166
Percentage Change from the Same Period in Previous Year					
1983	10.3	9.6	8.6	10.3	9.7
1984	5.8	7.9	8.6	6.3	7.1
1985	7.8	6.1	5.8	5.7	6.3
1986	5.5	5.7	6.5	6.7	6.1
1987	5.8	6.2	6.6	7.9	6.6
1988	9.2	10.1	10.3	10.2	10.0
1989	10.6	10.1	12.2	13.7	11.7
1990	10.7	10.9	8.6	6.8	9.2
1991	7.7	5.7	5.1	4.9	5.8
1992	6.6	8.1	8.0	7.7	7.6
1993	6.8	4.8	2.6	0.7	3.7
1994	0.7	1.1	3.0	4.5	2.3
1995	3.0	3.5	2.1	0.7	2.3
1996	0.4	-0.4	0.0	0.3	0.1
1997	2.1	2.8	4.1	4.2	3.3
1998	2.5	2.1	1.4	1.8	2.0
1999	2.3	2.8	4.4	4.4	3.5
2000	5.5	7.1	5.4	6.1	6.0
2001	6.1	3.9	4.3	2.9	4.3
2002	3.7	4.8	4.5	5.9	4.7
2003	4.5	4.3	4.8	5.2	4.7
2004	6.4	7.4	8.4	9.0	7.8
2005	8.2	8.2	6.8	7.1	7.6
2006	8.0	7.2	7.8	5.7	7.2
2007	5.2	5.5	5.2	5.6	5.4
2008	5.7	7.3	4.4	2.5	4.9
2009	0.1	-1.9	-0.9	0.1	-0.7
2010	1.2	1.4	3.6	4.5	2.7
2011	6.1	5.3	4.2	4.5	5.0
2012	3.9	4.6	3.5	4.1	4.0
2013	1.4	0.8	2.0	1.2	1.4
2014	4.4	5.5	6.2	6.2	5.6
2015 2/	5.9	5.4	4.9	4.9	5.3
2016 2/	4.2	3.9	3.6	3.4	3.8
2017 2/	4.3	4.2	4.3	4.0	4.2
2018 2/	3.0	3.2	2.9	3.1	3.1
2019 2/	3.2	2.8	2.8	2.9	2.9
2020 2/	2.2	15.9	(NA)	Year-to-Date	9.1

NA Not available.

1/ 2015Q1 to 2020Q1 revised from previous QSER.

Source: U.S. Department of Commerce, Bureau of Economic Analysis, State Quarterly Personal Income, September 24, 2020 <http://www.bea.gov/iTable/iTable.cfm?reqid=70&step=1&isuri=1&acrdn=3> accessed September 24, 2020.

Table B-6. PERSONAL INCOME PER CAPITA

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	Annual Average 1/
In dollars 1/					
1982	(NA)	(NA)	(NA)	(NA)	13,249
1983	(NA)	(NA)	(NA)	(NA)	14,262
1984	(NA)	(NA)	(NA)	(NA)	15,052
1985	(NA)	(NA)	(NA)	(NA)	15,824
1986	(NA)	(NA)	(NA)	(NA)	16,599
1987	(NA)	(NA)	(NA)	(NA)	17,435
1988	(NA)	(NA)	(NA)	(NA)	18,964
1989	(NA)	(NA)	(NA)	(NA)	20,897
1990	(NA)	(NA)	(NA)	(NA)	22,433
1991	(NA)	(NA)	(NA)	(NA)	23,253
1992	(NA)	(NA)	(NA)	(NA)	24,542
1993	(NA)	(NA)	(NA)	(NA)	25,133
1994	(NA)	(NA)	(NA)	(NA)	25,400
1995	(NA)	(NA)	(NA)	(NA)	25,788
1996	(NA)	(NA)	(NA)	(NA)	25,665
1997	(NA)	(NA)	(NA)	(NA)	26,334
1998	(NA)	(NA)	(NA)	(NA)	26,769
1999	(NA)	(NA)	(NA)	(NA)	27,809
2000	(NA)	(NA)	(NA)	(NA)	29,404
2001	(NA)	(NA)	(NA)	(NA)	30,347
2002	(NA)	(NA)	(NA)	(NA)	31,425
2003	(NA)	(NA)	(NA)	(NA)	32,603
2004	(NA)	(NA)	(NA)	(NA)	34,531
2005	(NA)	(NA)	(NA)	(NA)	36,594
2006	(NA)	(NA)	(NA)	(NA)	38,711
2007	(NA)	(NA)	(NA)	(NA)	40,605
2008	(NA)	(NA)	(NA)	(NA)	42,080
2009	(NA)	(NA)	(NA)	(NA)	41,352
2010	41,263	41,640	42,205	42,554	41,916
2011	43,267	43,355	43,508	43,968	43,525
2012	44,433	44,852	44,550	45,262	44,774
2013	44,609	44,782	45,054	45,477	44,981
2014	46,281	47,014	47,618	48,053	47,242
2015 2/	48,785	49,297	49,695	50,181	49,490
2016 2/	50,641	51,007	51,331	51,822	51,200
2017 2/	52,811	53,203	53,659	54,033	53,427
2018 2/	54,545	55,022	55,390	55,883	55,210
2019 2/	56,480	56,746	57,132	57,678	57,009
2020 2/	57,931	65,961	(NA)	Year-to-Date	61,946
Percentage Change from the Same Period in Previous Year					
1983	(NA)	(NA)	(NA)	(NA)	7.6
1984	(NA)	(NA)	(NA)	(NA)	5.5
1985	(NA)	(NA)	(NA)	(NA)	5.1
1986	(NA)	(NA)	(NA)	(NA)	4.9
1987	(NA)	(NA)	(NA)	(NA)	5.0
1988	(NA)	(NA)	(NA)	(NA)	8.8
1989	(NA)	(NA)	(NA)	(NA)	10.2
1990	(NA)	(NA)	(NA)	(NA)	7.4
1991	(NA)	(NA)	(NA)	(NA)	3.7
1992	(NA)	(NA)	(NA)	(NA)	5.5
1993	(NA)	(NA)	(NA)	(NA)	2.4
1994	(NA)	(NA)	(NA)	(NA)	1.1
1995	(NA)	(NA)	(NA)	(NA)	1.5
1996	(NA)	(NA)	(NA)	(NA)	-0.5
1997	(NA)	(NA)	(NA)	(NA)	2.6
1998	(NA)	(NA)	(NA)	(NA)	1.7
1999	(NA)	(NA)	(NA)	(NA)	3.9
2000	(NA)	(NA)	(NA)	(NA)	5.7
2001	(NA)	(NA)	(NA)	(NA)	3.2
2002	(NA)	(NA)	(NA)	(NA)	3.6
2003	(NA)	(NA)	(NA)	(NA)	3.7
2004	(NA)	(NA)	(NA)	(NA)	5.9
2005	(NA)	(NA)	(NA)	(NA)	6.0
2006	(NA)	(NA)	(NA)	(NA)	5.8
2007	(NA)	(NA)	(NA)	(NA)	4.9
2008	(NA)	(NA)	(NA)	(NA)	3.6
2009	(NA)	(NA)	(NA)	(NA)	-1.7
2010	(NA)	(NA)	(NA)	(NA)	1.4
2011	4.9	4.1	3.1	3.3	3.8
2012	2.7	3.5	2.4	2.9	2.9
2013	0.4	-0.2	1.1	0.5	0.5
2014	3.7	5.0	5.7	5.7	5.0
2015 2/	5.4	4.9	4.4	4.4	4.8
2016 2/	3.8	3.5	3.3	3.3	3.5
2017 2/	4.3	4.3	4.5	4.3	4.3
2018 2/	3.3	3.4	3.2	3.4	3.3
2019 2/	3.5	3.1	3.1	3.2	3.3
2020 2/	2.6	16.2	(NA)	Year-to-Date	9.4

NA Not available.

1/ BEA Annual estimates for 1982 to 2009 and average of quarterly estimates thereafter.

2/ 2015Q1 to 2020Q1 revised from previous QSER.

Source: U.S. Department of Commerce, Bureau of Economic Analysis, State Quarterly Personal Income, September 24, 2020 <http://www.bea.gov/iTable/iTable.cfm?reqid=70&step=1&isuri=1&acrdn=3> accessed September 24, 2020.

Table B-7. POPULATION

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	Annual 1/
In persons 1/					
1982	(NA)	(NA)	(NA)	(NA)	993,780
1983	(NA)	(NA)	(NA)	(NA)	1,012,717
1984	(NA)	(NA)	(NA)	(NA)	1,027,922
1985	(NA)	(NA)	(NA)	(NA)	1,039,698
1986	(NA)	(NA)	(NA)	(NA)	1,051,762
1987	(NA)	(NA)	(NA)	(NA)	1,067,917
1988	(NA)	(NA)	(NA)	(NA)	1,079,827
1989	(NA)	(NA)	(NA)	(NA)	1,094,588
1990	(NA)	(NA)	(NA)	(NA)	1,113,491
1991	(NA)	(NA)	(NA)	(NA)	1,136,754
1992	(NA)	(NA)	(NA)	(NA)	1,158,613
1993	(NA)	(NA)	(NA)	(NA)	1,172,838
1994	(NA)	(NA)	(NA)	(NA)	1,187,536
1995	(NA)	(NA)	(NA)	(NA)	1,196,854
1996	(NA)	(NA)	(NA)	(NA)	1,203,755
1997	(NA)	(NA)	(NA)	(NA)	1,211,640
1998	(NA)	(NA)	(NA)	(NA)	1,215,233
1999	(NA)	(NA)	(NA)	(NA)	1,210,300
2000	(NA)	(NA)	(NA)	(NA)	1,213,519
2001	(NA)	(NA)	(NA)	(NA)	1,225,948
2002	(NA)	(NA)	(NA)	(NA)	1,239,613
2003	(NA)	(NA)	(NA)	(NA)	1,251,154
2004	(NA)	(NA)	(NA)	(NA)	1,273,569
2005	(NA)	(NA)	(NA)	(NA)	1,292,729
2006	(NA)	(NA)	(NA)	(NA)	1,309,731
2007	(NA)	(NA)	(NA)	(NA)	1,315,675
2008	(NA)	(NA)	(NA)	(NA)	1,332,213
2009	(NA)	(NA)	(NA)	(NA)	1,346,717
2010	1,358,221	1,362,104	1,366,026	1,370,080	1,364,108
2011	1,373,802	1,377,408	1,381,423	1,385,514	1,379,537
2012	1,389,261	1,392,917	1,396,784	1,400,578	1,394,885
2013	1,403,756	1,406,640	1,409,111	1,410,992	1,407,625
2014	1,412,427	1,413,737	1,415,717	1,417,951	1,414,958
2015	1,419,593	1,421,142	1,422,891	1,424,449	1,422,019
2016	1,425,668	1,426,846	1,427,376	1,426,924	1,426,704
2017	1,425,935	1,424,776	1,424,123	1,423,463	1,424,574
2018	1,422,314	1,421,074	1,420,191	1,419,216	1,420,699
2019	1,417,815	1,416,415	1,415,453	1,414,484	1,416,042
2020	1,413,162	1,411,839	(NA)	Year-to-Date	1,412,501
Percentage Change from the Same Period in Previous Year					
1983	(NA)	(NA)	(NA)	(NA)	1.9
1984	(NA)	(NA)	(NA)	(NA)	1.5
1985	(NA)	(NA)	(NA)	(NA)	1.1
1986	(NA)	(NA)	(NA)	(NA)	1.2
1987	(NA)	(NA)	(NA)	(NA)	1.5
1988	(NA)	(NA)	(NA)	(NA)	1.1
1989	(NA)	(NA)	(NA)	(NA)	1.4
1990	(NA)	(NA)	(NA)	(NA)	1.7
1991	(NA)	(NA)	(NA)	(NA)	2.1
1992	(NA)	(NA)	(NA)	(NA)	1.9
1993	(NA)	(NA)	(NA)	(NA)	1.2
1994	(NA)	(NA)	(NA)	(NA)	1.3
1995	(NA)	(NA)	(NA)	(NA)	0.8
1996	(NA)	(NA)	(NA)	(NA)	0.6
1997	(NA)	(NA)	(NA)	(NA)	0.7
1998	(NA)	(NA)	(NA)	(NA)	0.3
1999	(NA)	(NA)	(NA)	(NA)	-0.4
2000	(NA)	(NA)	(NA)	(NA)	0.3
2001	(NA)	(NA)	(NA)	(NA)	1.0
2002	(NA)	(NA)	(NA)	(NA)	1.1
2003	(NA)	(NA)	(NA)	(NA)	0.9
2004	(NA)	(NA)	(NA)	(NA)	1.8
2005	(NA)	(NA)	(NA)	(NA)	1.5
2006	(NA)	(NA)	(NA)	(NA)	1.3
2007	(NA)	(NA)	(NA)	(NA)	0.5
2008	(NA)	(NA)	(NA)	(NA)	1.3
2009	(NA)	(NA)	(NA)	(NA)	1.1
2010	(NA)	(NA)	(NA)	(NA)	1.3
2011	1.1	1.1	1.1	1.1	1.1
2012	1.1	1.1	1.1	1.1	1.1
2013	1.0	1.0	0.9	0.7	0.9
2014	0.6	0.5	0.5	0.5	0.5
2015	0.5	0.5	0.5	0.5	0.5
2016	0.4	0.4	0.3	0.2	0.3
2017	0.0	-0.1	-0.2	-0.2	-0.1
2018	-0.3	-0.3	-0.3	-0.3	-0.3
2019	-0.3	-0.3	-0.3	-0.3	-0.3
2020	-0.3	-0.3	(NA)	Year-to-Date	-0.3

NA Not available.

1/ Midquarter population estimates by state are derived by BEA based on unpublished Census Bureau estimates of beginning-of-month population. Quarterly estimates for 2010-2020 reflect unpublished monthly population estimates available as of February 2020.

Source: U.S. Department of Commerce, Bureau of Economic Analysis, State Quarterly Personal Income, September 24, 2020 <http://www.bea.gov/iTable/iTable.cfm?reqid=70&step=1&isuri=1&acrdn=3> accessed September 24, 2020.

Table B-8. TOTAL WAGES AND SALARIES

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	Annual Average
In Thousands of Dollars at Seasonally Adjusted Annual Rates					
1982	7,390,532	7,536,624	7,697,388	7,798,476	7,605,755
1983	7,963,136	8,024,164	8,036,048	8,314,832	8,084,545
1984	8,362,084	8,610,816	8,659,696	8,743,292	8,593,972
1985	8,918,572	9,073,544	9,251,028	9,396,264	9,159,852
1986	9,502,636	9,618,768	9,828,236	10,105,052	9,763,673
1987	10,274,900	10,524,864	10,782,512	11,083,548	10,666,456
1988	11,287,304	11,640,504	11,894,180	12,247,440	11,767,357
1989	12,471,900	12,817,668	13,160,156	13,541,768	12,997,873
1990	13,783,456	14,252,692	14,591,348	14,991,544	14,404,760
1991	15,012,300	15,140,180	15,379,604	15,651,964	15,296,012
1992	16,080,268	16,281,772	16,289,356	16,377,456	16,257,213
1993	16,687,672	16,687,976	16,415,652	16,272,392	16,515,923
1994	16,645,160	16,573,708	16,670,592	16,776,052	16,666,378
1995	16,655,312	16,784,084	16,631,696	16,649,440	16,680,133
1996	16,648,548	16,678,548	16,752,192	16,793,280	16,718,142
1997	17,042,872	17,133,772	17,371,680	17,315,148	17,215,868
1998	17,580,240	17,529,348	17,623,988	17,750,568	17,621,036
1999	17,817,392	17,951,288	18,459,076	18,513,988	18,185,436
2000	18,786,964	19,173,688	19,226,908	19,504,560	19,173,030
2001	19,727,744	19,694,288	20,030,616	19,871,720	19,831,092
2002	20,400,996	20,739,588	21,022,696	21,306,916	20,867,549
2003	21,524,496	21,866,016	22,110,932	22,521,000	22,005,611
2004	22,825,116	23,325,240	24,029,052	24,480,168	23,664,894
2005	24,596,228	25,001,612	25,300,644	25,844,628	25,185,778
2006	26,336,472	26,617,592	27,083,980	27,444,260	26,870,576
2007	27,960,964	28,151,316	28,569,236	28,895,452	28,394,242
2008	29,279,376	29,262,116	29,121,972	29,119,812	29,195,819
2009	28,494,424	28,738,524	28,408,836	28,424,364	28,516,537
2010	28,253,704	28,467,804	28,824,880	28,851,296	28,599,421
2011	29,342,576	29,224,556	29,551,952	29,685,944	29,451,257
2012	30,200,324	30,595,980	30,698,240	31,174,716	30,667,315
2013	31,377,660	31,434,460	31,450,344	31,794,136	31,514,150
2014	32,343,276	32,619,124	32,938,716	33,422,132	32,830,812
2015 2/	34,052,156	34,461,104	34,725,712	35,130,720	34,592,423
2016 2/	35,474,200	35,721,892	35,948,896	36,288,364	35,858,338
2017 2/	36,709,612	36,897,816	37,282,840	37,518,192	37,102,115
2018 2/	37,776,176	38,172,168	38,386,896	38,837,012	38,293,063
2019 2/	39,358,820	39,336,316	39,557,312	40,027,756	39,570,051
2020 2/	40,089,791	35,533,867	(NA)	Year-to-Date	37,811,829
Percentage Change from the Same Period in Previous Year					
1983	7.7	6.5	4.4	6.6	6.3
1984	5.0	7.3	7.8	5.2	6.3
1985	6.7	5.4	6.8	7.5	6.6
1986	6.5	6.0	6.2	7.5	6.6
1987	8.1	9.4	9.7	9.7	9.2
1988	9.9	10.6	10.3	10.5	10.3
1989	10.5	10.1	10.6	10.6	10.5
1990	10.5	11.2	10.9	10.7	10.8
1991	8.9	6.2	5.4	4.4	6.2
1992	7.1	7.5	5.9	4.6	6.3
1993	3.8	2.5	0.8	-0.6	1.6
1994	-0.3	-0.7	1.6	3.1	0.9
1995	0.1	1.3	-0.2	-0.8	0.1
1996	0.0	-0.6	0.7	0.9	0.2
1997	2.4	2.7	3.7	3.1	3.0
1998	3.2	2.3	1.5	2.5	2.4
1999	1.3	2.4	4.7	4.3	3.2
2000	5.4	6.8	4.2	5.4	5.4
2001	5.0	2.7	4.2	1.9	3.4
2002	3.4	5.3	5.0	7.2	5.2
2003	5.5	5.4	5.2	5.7	5.5
2004	6.0	6.7	8.7	8.7	7.5
2005	7.8	7.2	5.3	5.6	6.4
2006	7.1	6.5	7.0	6.2	6.7
2007	6.2	5.8	5.5	5.3	5.7
2008	4.7	3.9	1.9	0.8	2.8
2009	-2.7	-1.8	-2.4	-2.4	-2.3
2010	-0.8	-0.9	1.5	1.5	0.3
2011	3.9	2.7	2.5	2.9	3.0
2012	2.9	4.7	3.9	5.0	4.1
2013	3.9	2.7	2.4	2.0	2.8
2014	3.1	3.8	4.7	5.1	4.2
2015 2/	5.3	5.6	5.4	5.1	5.4
2016 2/	4.2	3.7	3.5	3.3	3.7
2017 2/	3.5	3.3	3.7	3.4	3.5
2018 2/	2.9	3.5	3.0	3.5	3.2
2019 2/	4.2	3.0	3.0	3.1	3.3
2020 2/	1.9	-9.7	(NA)	Year-to-Date	-3.9

NA Not available.

1/ 2015Q1 to 2020Q1 revised from previous QSER.

Source: U.S. Department of Commerce, Bureau of Economic Analysis, State Quarterly Personal Income, September 24, 2020 <http://www.bea.gov/iTable/iTable.cfm?reqid=70&step=1&isuri=1&acrdn=3> accessed September 24, 2020.

Table B-9. SUPPLEMENTS TO WAGES AND SALARIES

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	Annual Average
In Thousands of Dollars at Seasonally Adjusted Annual Rates					
1982	1,710,792	1,761,792	1,813,756	1,854,160	1,785,125
1983	1,929,728	1,946,976	1,952,400	2,015,996	1,961,275
1984	2,086,060	2,151,472	2,172,468	2,200,136	2,152,534
1985	2,237,144	2,279,636	2,331,240	2,371,688	2,304,927
1986	2,418,120	2,467,184	2,519,928	2,567,940	2,493,293
1987	2,547,500	2,584,728	2,623,648	2,662,416	2,604,573
1988	2,738,316	2,803,380	2,863,020	2,943,408	2,837,031
1989	3,000,980	3,108,256	3,199,612	3,281,260	3,147,527
1990	3,350,296	3,420,536	3,496,928	3,612,000	3,469,940
1991	3,664,464	3,709,616	3,798,868	3,917,748	3,772,674
1992	4,085,056	4,168,608	4,194,448	4,171,976	4,155,022
1993	4,309,780	4,255,644	4,191,156	4,149,760	4,226,585
1994	4,308,600	4,267,848	4,289,340	4,280,268	4,286,514
1995	4,216,792	4,221,368	4,148,296	4,118,460	4,176,229
1996	4,071,788	4,030,952	4,012,876	3,997,524	4,028,285
1997	4,015,988	4,023,944	4,078,120	4,054,016	4,043,017
1998	4,094,176	4,085,708	4,098,504	4,115,952	4,098,585
1999	4,113,144	4,146,920	4,304,144	4,293,044	4,214,313
2000	4,328,544	4,465,084	4,499,320	4,604,168	4,474,279
2001	4,687,116	4,724,312	4,885,484	4,915,292	4,803,051
2002	5,083,980	5,197,500	5,344,016	5,552,220	5,294,429
2003	5,764,464	5,914,200	5,992,068	6,049,280	5,930,003
2004	6,149,520	6,209,284	6,359,336	6,521,008	6,309,787
2005	6,698,684	6,828,500	6,849,556	6,947,544	6,831,071
2006	6,912,012	6,937,752	7,038,240	7,091,388	6,994,848
2007	7,170,900	7,275,768	7,451,624	7,553,060	7,362,838
2008	7,642,332	7,672,848	7,608,528	7,559,708	7,620,854
2009	7,525,228	7,527,232	7,466,000	7,509,756	7,507,054
2010	7,757,700	7,838,744	8,053,220	8,200,332	7,962,499
2011	8,596,944	8,654,712	8,749,196	8,858,984	8,714,959
2012	8,783,836	8,861,624	8,888,656	8,956,768	8,872,721
2013	9,134,940	9,254,372	9,355,692	9,483,588	9,307,148
2014	9,592,188	9,633,896	9,688,824	9,743,412	9,664,580
2015 2/	9,804,768	9,897,332	9,962,256	10,032,852	9,924,302
2016 2/	10,144,368	10,163,056	10,150,808	10,220,816	10,169,762
2017 2/	10,279,728	10,341,312	10,454,972	10,591,652	10,416,916
2018 2/	10,756,708	10,995,824	11,080,736	11,212,132	11,011,350
2019 2/	11,180,312	11,142,544	11,173,488	11,254,648	11,187,748
2020 2/	11,191,305	10,434,124	(NA)	Year-to-Date	10,812,715
Percentage Change from the Same Period in Previous Year					
1983	12.8	10.5	7.6	8.7	9.9
1984	8.1	10.5	11.3	9.1	9.8
1985	7.2	6.0	7.3	7.8	7.1
1986	8.1	8.2	8.1	8.3	8.2
1987	5.4	4.8	4.1	3.7	4.5
1988	7.5	8.5	9.1	10.6	8.9
1989	9.6	10.9	11.8	11.5	10.9
1990	11.6	10.0	9.3	10.1	10.2
1991	9.4	8.5	8.6	8.5	8.7
1992	11.5	12.4	10.4	6.5	10.1
1993	5.5	2.1	-0.1	-0.5	1.7
1994	0.0	0.3	2.3	3.1	1.4
1995	-2.1	-1.1	-3.3	-3.8	-2.6
1996	-3.4	-4.5	-3.3	-2.9	-3.5
1997	-1.4	-0.2	1.6	1.4	0.4
1998	1.9	1.5	0.5	1.5	1.4
1999	0.5	1.5	5.0	4.3	2.8
2000	5.2	7.7	4.5	7.2	6.2
2001	8.3	5.8	8.6	6.8	7.3
2002	8.5	10.0	9.4	13.0	10.2
2003	13.4	13.8	12.1	9.0	12.0
2004	6.7	5.0	6.1	7.8	6.4
2005	8.9	10.0	7.7	6.5	8.3
2006	3.2	1.6	2.8	2.1	2.4
2007	3.7	4.9	5.9	6.5	5.3
2008	6.6	5.5	2.1	0.1	3.5
2009	-1.5	-1.9	-1.9	-0.7	-1.5
2010	3.1	4.1	7.9	9.2	6.1
2011	10.8	10.4	8.6	8.0	9.5
2012	2.2	2.4	1.6	1.1	1.8
2013	4.0	4.4	5.3	5.9	4.9
2014	5.0	4.1	3.6	2.7	3.8
2015 2/	2.2	2.7	2.8	3.0	2.7
2016 2/	3.5	2.7	1.9	1.9	2.5
2017 2/	1.3	1.8	3.0	3.6	2.4
2018 2/	4.6	6.3	6.0	5.9	5.7
2019 2/	3.9	1.3	0.8	0.4	1.6
2020 2/	0.1	-6.4	(NA)	Year-to-Date	-3.1

NA Not available.

1/ 2015Q1 to 2020Q1 revised from previous QSER.

Source: U.S. Department of Commerce, Bureau of Economic Analysis, State Quarterly Personal Income, September 24, 2020 <http://www.bea.gov/iTable/iTable.cfm?reqid=70&step=1&isuri=1&acrdn=3> accessed September 24, 2020.

Table B-10. PROPRIETORS' INCOME

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	Annual Average
In Thousands of Dollars at Seasonally Adjusted Annual Rates					
1982	712,308	754,320	774,488	784,032	756,287
1983	1,076,756	957,528	874,816	919,292	957,098
1984	901,092	939,780	969,912	950,332	940,279
1985	1,028,524	1,016,588	987,528	976,840	1,002,370
1986	989,520	1,067,696	1,181,908	1,152,596	1,097,930
1987	1,169,888	1,154,120	1,159,896	1,212,844	1,174,187
1988	1,400,232	1,509,372	1,529,904	1,450,036	1,472,386
1989	1,441,300	1,339,860	1,802,300	2,206,596	1,697,514
1990	1,847,700	1,885,624	1,950,052	1,962,384	1,911,440
1991	2,027,004	1,913,476	1,888,912	1,907,248	1,934,160
1992	1,771,840	1,880,032	2,080,136	2,268,504	2,000,128
1993	2,214,608	2,180,124	2,158,116	2,203,992	2,189,210
1994	2,095,516	2,151,252	2,195,304	2,270,692	2,178,191
1995	2,224,264	2,254,396	2,295,232	2,342,764	2,279,164
1996	2,259,112	2,342,360	2,383,316	2,431,120	2,353,977
1997	2,432,636	2,458,096	2,502,096	2,539,884	2,483,178
1998	2,293,694	2,361,090	2,431,030	2,510,526	2,399,085
1999	2,606,727	2,650,119	2,693,675	2,754,355	2,676,219
2000	2,792,259	2,908,027	2,982,695	3,098,415	2,945,349
2001	3,360,832	3,423,728	3,497,920	3,433,336	3,428,954
2002	3,585,672	3,640,020	3,702,040	3,772,820	3,675,138
2003	3,685,528	3,776,904	3,886,056	3,952,108	3,825,149
2004	3,985,640	4,084,476	4,108,972	4,116,668	4,073,939
2005	4,309,132	4,425,964	4,575,372	4,712,808	4,505,819
2006	4,691,832	4,744,872	4,736,464	4,725,580	4,724,687
2007	4,348,392	4,173,244	4,045,868	3,954,244	4,130,437
2008	3,914,068	3,938,612	3,854,480	3,748,196	3,863,839
2009	3,936,684	3,991,492	4,162,416	4,484,600	4,143,798
2010	4,280,588	4,366,008	4,417,964	4,499,656	4,391,054
2011	4,125,476	4,222,788	4,354,692	4,445,444	4,287,100
2012	4,878,464	4,964,392	4,967,168	5,012,668	4,955,673
2013	4,976,880	5,014,904	5,001,192	5,005,828	4,999,701
2014	5,017,516	5,119,216	5,215,436	5,206,820	5,139,747
2015 2/	5,467,580	5,428,312	5,497,172	5,585,044	5,494,527
2016 2/	5,468,632	5,492,484	5,555,348	5,574,144	5,522,652
2017 2/	6,123,496	6,105,740	6,091,860	6,105,856	6,106,738
2018 2/	6,365,640	6,361,276	6,422,360	6,467,200	6,404,119
2019 2/	6,587,288	6,642,232	6,757,160	6,847,468	6,708,537
2020 2/	6,831,654	5,896,196	(NA)	Year-to-Date	6,363,925
Percentage Change from the Same Period in Previous Year					
1983	51.2	26.9	13.0	17.3	26.6
1984	-16.3	-1.9	10.9	3.4	-1.8
1985	14.1	8.2	1.8	2.8	6.6
1986	-3.8	5.0	19.7	18.0	9.5
1987	18.2	8.1	-1.9	5.2	6.9
1988	19.7	30.8	31.9	19.6	25.4
1989	2.9	-11.2	17.8	52.2	15.3
1990	28.2	40.7	8.2	-11.1	12.6
1991	9.7	1.5	-3.1	-2.8	1.2
1992	-12.6	-1.7	10.1	18.9	3.4
1993	25.0	16.0	3.7	-2.8	9.5
1994	-5.4	-1.3	1.7	3.0	-0.5
1995	6.1	4.8	4.6	3.2	4.6
1996	1.6	3.9	3.8	3.8	3.3
1997	7.7	4.9	5.0	4.5	5.5
1998	-5.7	-3.9	-2.8	-1.2	-3.4
1999	13.6	12.2	10.8	9.7	11.6
2000	7.1	9.7	10.7	12.5	10.1
2001	20.4	17.7	17.3	10.8	16.4
2002	6.7	6.3	5.8	9.9	7.2
2003	2.8	3.8	5.0	4.8	4.1
2004	8.1	8.1	5.7	4.2	6.5
2005	8.1	8.4	11.4	14.5	10.6
2006	8.9	7.2	3.5	0.3	4.9
2007	-7.3	-12.0	-14.6	-16.3	-12.6
2008	-10.0	-5.6	-4.7	-5.2	-6.5
2009	0.6	1.3	8.0	19.6	7.2
2010	8.7	9.4	6.1	0.3	6.0
2011	-3.6	-3.3	-1.4	-1.2	-2.4
2012	18.3	17.6	14.1	12.8	15.6
2013	2.0	1.0	0.7	-0.1	0.9
2014	0.8	2.1	4.3	4.0	2.8
2015 2/	9.0	6.0	5.4	7.3	6.9
2016 2/	0.0	1.2	1.1	-0.2	0.5
2017 2/	12.0	11.2	9.7	9.5	10.6
2018 2/	4.0	4.2	5.4	5.9	4.9
2019 2/	3.5	4.4	5.2	5.9	4.8
2020 2/	3.7	-11.2	(NA)	Year-to-Date	-3.8

NA Not available.

1/ 2015Q1 to 2020Q1 revised from previous QSER.

Source: U.S. Department of Commerce, Bureau of Economic Analysis, State Quarterly Personal Income, September 24, 2020 <http://www.bea.gov/iTable/iTable.cfm?reqid=70&step=1&isuri=1&acrdn=3> accessed September 24, 2020.

Table B-11. DIVIDENDS, INTEREST, AND RENT

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	Annual Average
In Thousands of Dollars at Seasonally Adjusted Annual Rates					
1982	2,770,580	2,724,900	2,704,264	2,743,728	2,735,868
1983	2,912,460	3,044,344	3,216,792	3,327,808	3,125,351
1984	3,351,600	3,441,612	3,563,876	3,626,604	3,495,923
1985	3,684,312	3,707,320	3,706,604	3,749,132	3,711,842
1986	3,884,592	3,899,456	3,872,692	3,863,516	3,880,064
1987	3,873,560	3,945,412	4,068,692	4,194,532	4,020,549
1988	4,192,344	4,233,652	4,392,344	4,582,192	4,350,133
1989	4,794,436	4,948,956	5,041,712	5,137,344	4,980,612
1990	5,167,368	5,231,608	5,330,872	5,362,784	5,273,158
1991	5,373,248	5,430,396	5,510,752	5,569,752	5,471,037
1992	5,717,344	5,817,980	5,868,656	5,958,412	5,840,598
1993	6,127,884	6,151,824	6,162,392	6,187,112	6,157,303
1994	6,275,364	6,392,860	6,497,920	6,628,024	6,448,542
1995	6,659,148	6,736,344	6,749,176	6,763,408	6,727,019
1996	6,717,532	6,670,572	6,689,676	6,741,232	6,704,753
1997	6,888,588	7,042,684	7,169,700	7,306,268	7,101,810
1998	7,215,424	7,314,212	7,370,644	7,368,528	7,317,202
1999	7,287,152	7,344,800	7,418,440	7,546,496	7,399,222
2000	7,712,520	7,840,236	7,912,832	7,926,852	7,848,110
2001	7,848,564	7,783,484	7,701,484	7,619,972	7,738,376
2002	7,588,020	7,609,496	7,505,264	7,517,032	7,554,953
2003	7,541,936	7,442,184	7,524,712	7,725,748	7,558,645
2004	7,979,204	8,220,304	8,314,132	8,703,648	8,304,322
2005	8,680,360	8,905,836	8,900,460	9,476,232	8,990,722
2006	9,942,864	10,325,208	10,467,724	10,530,864	10,316,665
2007	10,826,200	11,385,144	11,525,736	11,628,648	11,341,432
2008	12,009,208	12,061,560	12,400,296	12,266,304	12,184,342
2009	11,906,644	11,813,156	11,634,148	11,465,708	11,704,914
2010	11,416,412	11,556,924	11,645,564	11,964,072	11,645,743
2011	12,155,032	12,311,076	12,397,368	12,797,464	12,415,235
2012	12,853,196	13,099,316	12,869,680	13,492,848	13,078,760
2013	12,834,156	12,927,276	13,130,428	13,286,148	13,044,502
2014	13,549,296	13,932,328	14,228,704	14,428,672	14,034,750
2015 2/	14,663,596	14,963,304	15,183,276	15,369,056	15,044,808
2016 2/	15,626,892	15,825,884	15,972,496	16,135,528	15,890,200
2017 2/	16,403,164	16,574,492	16,664,308	16,782,680	16,606,161
2018 2/	16,731,688	16,848,052	16,997,204	17,089,292	16,916,559
2019 2/	17,007,920	17,172,236	17,205,076	17,286,792	17,168,006
2020 2/	17,323,745	17,040,097	(NA)	Year-to-Date	17,181,921
Percentage Change from the Same Period in Previous Year					
1983	5.1	11.7	19.0	21.3	14.2
1984	15.1	13.0	10.8	9.0	11.9
1985	9.9	7.7	4.0	3.4	6.2
1986	5.4	5.2	4.5	3.1	4.5
1987	-0.3	1.2	5.1	8.6	3.6
1988	8.2	7.3	8.0	9.2	8.2
1989	14.4	16.9	14.8	12.1	14.5
1990	7.8	5.7	5.7	4.4	5.9
1991	4.0	3.8	3.4	3.9	3.8
1992	6.4	7.1	6.5	7.0	6.8
1993	7.2	5.7	5.0	3.8	5.4
1994	2.4	3.9	5.4	7.1	4.7
1995	6.1	5.4	3.9	2.0	4.3
1996	0.9	-1.0	-0.9	-0.3	-0.3
1997	2.5	5.6	7.2	8.4	5.9
1998	4.7	3.9	2.8	0.9	3.0
1999	1.0	0.4	0.6	2.4	1.1
2000	5.8	6.7	6.7	5.0	6.1
2001	1.8	-0.7	-2.7	-3.9	-1.4
2002	-3.3	-2.2	-2.5	-1.4	-2.4
2003	-0.6	-2.2	0.3	2.8	0.0
2004	5.8	10.5	10.5	12.7	9.9
2005	8.8	8.3	7.1	8.9	8.3
2006	14.5	15.9	17.6	11.1	14.7
2007	8.9	10.3	10.1	10.4	9.9
2008	10.9	5.9	7.6	5.5	7.4
2009	-0.9	-2.1	-6.2	-6.5	-3.9
2010	-4.1	-2.2	0.1	4.3	-0.5
2011	6.5	6.5	6.5	7.0	6.6
2012	5.7	6.4	3.8	5.4	5.3
2013	-0.1	-1.3	2.0	-1.5	-0.3
2014	5.6	7.8	8.4	8.6	7.6
2015 2/	8.2	7.4	6.7	6.5	7.2
2016 2/	6.6	5.8	5.2	5.0	5.6
2017 2/	5.0	4.7	4.3	4.0	4.5
2018 2/	2.0	1.7	2.0	1.8	1.9
2019 2/	1.7	1.9	1.2	1.2	1.5
2020 2/	1.9	-0.8	(NA)	Year-to-Date	0.5

NA Not available.

1/ 2015Q1 to 2020Q1 revised from previous QSER.

Source: U.S. Department of Commerce, Bureau of Economic Analysis, State Quarterly Personal Income, September 24, 2020 <http://www.bea.gov/iTable/iTable.cfm?reqid=70&step=1&isuri=1&acrdn=3> accessed September 24, 2020.

Table B-12. PERSONAL CURRENT TRANSFER RECEIPTS

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	Annual Average
In Thousands of Dollars at Seasonally Adjusted Annual Rates					
1982	1,188,652	1,198,088	1,238,556	1,291,564	1,229,215
1983	1,318,144	1,348,620	1,356,724	1,381,832	1,351,330
1984	1,400,712	1,411,732	1,421,340	1,466,876	1,425,165
1985	1,491,776	1,504,184	1,523,096	1,523,848	1,510,726
1986	1,563,988	1,573,736	1,580,492	1,578,084	1,574,075
1987	1,599,700	1,625,216	1,637,804	1,655,072	1,629,448
1988	1,714,660	1,728,284	1,754,652	1,788,128	1,746,431
1989	1,886,720	1,922,700	1,955,060	1,983,608	1,937,022
1990	2,054,588	2,077,840	2,087,504	2,171,220	2,097,788
1991	2,214,916	2,266,772	2,302,816	2,431,564	2,304,017
1992	2,532,932	2,625,760	2,710,380	2,832,984	2,675,514
1993	2,852,064	2,889,368	2,965,100	3,015,240	2,930,443
1994	3,073,424	3,118,172	3,174,072	3,322,368	3,172,009
1995	3,501,032	3,598,596	3,645,796	3,603,044	3,587,117
1996	3,696,744	3,731,740	3,661,156	3,628,708	3,679,587
1997	3,696,368	3,683,484	3,692,636	3,702,460	3,693,737
1998	3,746,428	3,756,596	3,758,936	3,803,044	3,766,251
1999	3,866,700	3,894,300	3,946,608	3,981,120	3,922,182
2000	4,016,168	4,123,956	4,167,340	4,213,212	4,130,169
2001	4,317,800	4,421,796	4,396,968	4,664,920	4,450,371
2002	4,774,616	4,812,868	4,808,760	4,832,040	4,807,071
2003	4,902,036	4,952,032	4,980,092	5,017,504	4,962,916
2004	5,195,448	5,246,844	5,295,904	5,428,292	5,291,622
2005	5,572,164	5,750,416	5,773,864	5,812,780	5,727,306
2006	6,001,932	5,979,788	6,106,024	6,079,140	6,041,721
2007	6,425,568	6,571,264	6,665,688	6,883,900	6,636,605
2008	7,017,404	8,637,368	7,689,352	7,562,848	7,726,743
2009	7,952,384	8,366,624	8,433,820	8,422,052	8,293,720
2010	8,960,268	9,168,692	9,464,096	9,556,252	9,287,327
2011	9,678,788	9,751,116	9,545,952	9,636,416	9,653,068
2012	9,566,676	9,564,652	9,441,604	9,484,964	9,514,474
2013	9,672,344	9,783,744	9,968,972	10,029,244	9,863,576
2014	10,256,480	10,581,148	10,805,900	10,870,352	10,628,470
2015 2/	10,902,780	10,999,084	11,055,728	11,120,056	11,019,412
2016 2/	11,273,192	11,384,996	11,474,356	11,607,308	11,434,963
2017 2/	11,775,616	11,909,356	12,021,672	12,062,604	11,942,312
2018 2/	12,187,824	12,129,264	12,139,392	12,151,544	12,152,006
2019 2/	12,488,100	12,628,240	12,756,100	12,818,660	12,672,775
2020 2/	13,105,090	30,336,698	(NA)	Year-to-Date	21,720,894
Percentage Change from the Same Period in Previous Year					
1983	10.9	12.6	9.5	7.0	9.9
1984	6.3	4.7	4.8	6.2	5.5
1985	6.5	6.5	7.2	3.9	6.0
1986	4.8	4.6	3.8	3.6	4.2
1987	2.3	3.3	3.6	4.9	3.5
1988	7.2	6.3	7.1	8.0	7.2
1989	10.0	11.2	11.4	10.9	10.9
1990	8.9	8.1	6.8	9.5	8.3
1991	7.8	9.1	10.3	12.0	9.8
1992	14.4	15.8	17.7	16.5	16.1
1993	12.6	10.0	9.4	6.4	9.5
1994	7.8	7.9	7.0	10.2	8.2
1995	13.9	15.4	14.9	8.4	13.1
1996	5.6	3.7	0.4	0.7	2.6
1997	0.0	-1.3	0.9	2.0	0.4
1998	1.4	2.0	1.8	2.7	2.0
1999	3.2	3.7	5.0	4.7	4.1
2000	3.9	5.9	5.6	5.8	5.3
2001	7.5	7.2	5.5	10.7	7.8
2002	10.6	8.8	9.4	3.6	8.0
2003	2.7	2.9	3.6	3.8	3.2
2004	6.0	6.0	6.3	8.2	6.6
2005	7.3	9.6	9.0	7.1	8.2
2006	7.7	4.0	5.8	4.6	5.5
2007	7.1	9.9	9.2	13.2	9.8
2008	9.2	31.4	15.4	9.9	16.4
2009	13.3	-3.1	9.7	11.4	7.3
2010	12.7	9.6	12.2	13.5	12.0
2011	8.0	6.4	0.9	0.8	3.9
2012	-1.2	-1.9	-1.1	-1.6	-1.4
2013	1.1	2.3	5.6	5.7	3.7
2014	6.0	8.2	8.4	8.4	7.8
2015 2/	6.3	3.9	2.3	2.3	3.7
2016 2/	3.4	3.5	3.8	4.4	3.8
2017 2/	4.5	4.6	4.8	3.9	4.4
2018 2/	3.5	1.8	1.0	0.7	1.8
2019 2/	2.5	4.1	5.1	5.5	4.3
2020 2/	4.9	140.2	(NA)	Year-to-Date	73.0

NA Not available.

1/ 2015Q1 to 2020Q1 revised from previous QSER.

Source: U.S. Department of Commerce, Bureau of Economic Analysis, State Quarterly Personal Income, September 24, 2020 <http://www.bea.gov/iTable/iTable.cfm?reqid=70&step=1&isuri=1&acrdn=3> accessed September 24, 2020.

Table B-13. CONTRIBUTIONS FOR GOV'T SOCIAL INSURANCE

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	Annual Average
In Thousands of Dollars at Seasonally Adjusted Annual Rates					
1982	922,748	937,100	955,520	968,712	946,020
1983	1,025,936	1,031,372	1,028,836	1,058,992	1,036,284
1984	1,111,888	1,138,884	1,140,564	1,149,860	1,135,299
1985	1,195,192	1,222,168	1,252,520	1,278,936	1,237,204
1986	1,304,432	1,327,216	1,364,264	1,407,676	1,350,897
1987	1,424,200	1,457,280	1,492,896	1,531,676	1,476,513
1988	1,624,780	1,675,324	1,714,592	1,768,592	1,695,822
1989	1,790,136	1,851,220	1,916,136	1,990,364	1,886,964
1990	2,062,648	2,142,712	2,216,916	2,289,764	2,178,010
1991	2,298,772	2,322,048	2,358,692	2,400,388	2,344,975
1992	2,489,756	2,517,268	2,510,768	2,458,116	2,493,977
1993	2,608,860	2,564,336	2,520,296	2,478,372	2,542,966
1994	2,598,944	2,566,768	2,585,964	2,600,036	2,587,928
1995	2,577,620	2,598,960	2,579,268	2,586,728	2,585,644
1996	2,579,868	2,585,000	2,596,172	2,598,204	2,589,811
1997	2,617,872	2,621,904	2,648,708	2,631,768	2,630,063
1998	2,672,160	2,659,468	2,669,540	2,682,948	2,671,029
1999	2,691,276	2,708,496	2,775,940	2,783,596	2,739,827
2000	2,816,960	2,879,080	2,899,740	2,959,836	2,888,904
2001	3,015,884	3,026,508	3,085,368	3,063,484	3,047,811
2002	3,158,112	3,214,432	3,270,360	3,334,580	3,244,371
2003	3,420,576	3,484,748	3,514,212	3,545,660	3,491,299
2004	3,588,668	3,620,820	3,700,416	3,758,852	3,667,189
2005	3,825,804	3,899,684	3,957,740	4,054,252	3,934,370
2006	4,156,588	4,212,552	4,287,872	4,332,616	4,247,407
2007	4,397,268	4,407,296	4,463,016	4,502,324	4,442,476
2008	4,555,076	4,544,820	4,517,268	4,509,588	4,531,688
2009	4,439,980	4,490,648	4,463,856	4,509,484	4,475,992
2010	4,624,500	4,680,636	4,752,776	4,769,700	4,706,903
2011	4,458,392	4,447,296	4,496,136	4,506,156	4,476,995
2012	4,553,236	4,611,348	4,638,040	4,729,480	4,633,026
2013	5,375,296	5,423,084	5,420,188	5,431,340	5,412,477
2014	5,390,708	5,420,548	5,463,744	5,533,944	5,452,236
2015 2/	5,635,504	5,690,412	5,713,460	5,757,576	5,699,238
2016 2/	5,790,088	5,808,472	5,833,056	5,880,096	5,827,928
2017 2/	5,986,236	6,026,736	6,098,900	6,146,576	6,064,612
2018 2/	6,237,952	6,316,748	6,362,500	6,446,728	6,340,982
2019 2/	6,544,560	6,546,240	6,581,012	6,650,564	6,580,594
2020 2/	6,675,498	6,114,738	(NA)	Year-to-Date	6,395,118
Percentage Change from the Same Period in Previous Year					
1983	11.2	10.1	7.7	9.3	9.5
1984	8.4	10.4	10.9	8.6	9.6
1985	7.5	7.3	9.8	11.2	9.0
1986	9.1	8.6	8.9	10.1	9.2
1987	9.2	9.8	9.4	8.8	9.3
1988	14.1	15.0	14.9	15.5	14.9
1989	10.2	10.5	11.8	12.5	11.3
1990	15.2	15.7	15.7	15.0	15.4
1991	11.4	8.4	6.4	4.8	7.7
1992	8.3	8.4	6.4	2.4	6.4
1993	4.8	1.9	0.4	0.8	2.0
1994	-0.4	0.1	2.6	4.9	1.8
1995	-0.8	1.3	-0.3	-0.5	-0.1
1996	0.1	-0.5	0.7	0.4	0.2
1997	1.5	1.4	2.0	1.3	1.6
1998	2.1	1.4	0.8	1.9	1.6
1999	0.7	1.8	4.0	3.8	2.6
2000	4.7	6.3	4.5	6.3	5.4
2001	7.1	5.1	6.4	3.5	5.5
2002	4.7	6.2	6.0	8.8	6.4
2003	8.3	8.4	7.5	6.3	7.6
2004	4.9	3.9	5.3	6.0	5.0
2005	6.6	7.7	7.0	7.9	7.3
2006	8.6	8.0	8.3	6.9	8.0
2007	5.8	4.6	4.1	3.9	4.6
2008	3.6	3.1	1.2	0.2	2.0
2009	-2.5	-1.2	-1.2	0.0	-1.2
2010	4.2	4.2	6.5	5.8	5.2
2011	-3.6	-5.0	-5.4	-5.5	-4.9
2012	2.1	3.7	3.2	5.0	3.5
2013	18.1	17.6	16.9	14.8	16.8
2014	0.3	0.0	0.8	1.9	0.7
2015 2/	4.5	5.0	4.6	4.0	4.5
2016 2/	2.7	2.1	2.1	2.1	2.3
2017 2/	3.4	3.8	4.6	4.5	4.1
2018 2/	4.2	4.8	4.3	4.9	4.6
2019 2/	4.9	3.6	3.4	3.2	3.8
2020 2/	2.0	-6.6	(NA)	Year-to-Date	-2.3

NA Not available.

1/ 2015Q1 to 2020Q1 revised from previous QSER.

Source: U.S. Department of Commerce, Bureau of Economic Analysis, State Quarterly Personal Income, September 24, 2020 <http://www.bea.gov/iTable/iTable.cfm?reqid=70&step=1&isuri=1&acrdn=3> accessed September 24, 2020.

Table B-14. HONOLULU and U.S. CONSUMER PRICE INDEX, ALL URBAN CONSUMERS (CPI-U)

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

Period	U.S.	Honolulu 1/								
		All Items	Food & Beverages	Housing	Apparel	Transpor-tation	Medical Care	Recre-ation 2/	Educ. & Comm. 2/	Other Goods & Services
1990	130.7	138.1	137.8	141.5	107.0	131.1	154.2	(2/)	(2/)	160.4
1991	136.2	148.0	145.9	152.8	110.5	139.3	171.3	(2/)	(2/)	175.7
1992	140.3	155.1	148.5	161.7	114.2	147.4	182.6	(2/)	(2/)	189.0
1993	144.5	160.1	152.9	166.5	116.5	150.5	197.4	(2/)	(2/)	200.1
1994	148.2	164.5	153.4	171.6	118.7	156.4	206.0	(2/)	(2/)	209.6
1995	152.4	168.1	156.8	174.7	117.5	162.4	209.8	(2/)	(2/)	216.8
1996	156.9	170.7	156.8	176.8	118.5	167.0	215.0	(2/)	(2/)	226.5
1997	160.5	171.9	159.2	177.1	117.3	166.2	217.3	(2/)	(2/)	239.0
1998	163.0	171.5	159.1	176.0	112.2	162.5	226.1	100.8	99.1	256.1
1999	166.6	173.3	162.9	175.8	105.4	162.2	231.3	101.9	104.5	275.6
2000	172.2	176.3	164.8	177.9	103.5	169.6	239.8	102.8	106.5	279.7
2001	177.1	178.4	169.5	179.1	101.0	174.5	(3/)	101.6	104.6	289.3
2002	179.9	180.3	171.9	181.2	102.6	170.9	(3/)	99.5	107.8	302.2
2003	184.0	184.5	174.9	186.2	98.5	176.4	(3/)	100.4	112.5	307.6
2004	188.9	190.6	180.2	194.3	101.2	182.4	275.9	102.3	113.5	312.4
2005	195.3	197.8	185.9	205.2	102.5	191.6	(3/)	97.8	114.3	321.0
2006	201.6	209.4	194.2	222.5	104.4	202.1	(3/)	101.1	114.0	332.1
2007	207.342	219.504	204.942	238.428	104.145	205.027	(3/)	102.572	113.967	347.499
2008	215.303	228.861	216.625	248.700	105.277	213.998	317.955	105.290	117.118	365.441
2009	214.537	230.048	224.317	249.735	112.811	200.296	321.599	105.239	122.843	395.186
2010	218.056	234.869	224.774	251.968	116.423	214.411	320.153	107.484	128.483	415.526
2011	224.939	243.622	232.656	260.606	118.394	229.223	324.180	110.473	132.248	433.536
2012	229.594	249.474	242.786	265.473	121.481	231.275	334.441	113.961	137.276	440.428
2013	232.957	253.924	250.922	269.885	119.011	233.133	345.184	116.818	139.423	447.178
2014	236.736	257.589	256.023	273.499	111.141	236.373	351.763	119.586	143.488	457.958
2015	237.017	260.165	267.041	276.047	108.893	216.756	378.876	121.840	147.869	478.634
2016	240.007	265.283	272.051	283.565	111.736	211.645	400.408	124.872	149.785	484.820
2017	245.120	272.014	277.301	294.510	115.762	217.646	407.384	125.781	144.410	488.990
2018	251.107	277.078	281.796	300.679	110.259	227.694	(3/)	128.651	142.193	497.228
2019	255.657	281.585	287.622	307.889	114.795	223.689	(3/)	130.977	143.547	504.378
1995H1	151.5	166.9	156.5	173.4	118.1	160.0	207.8	(2/)	(2/)	214.4
H2	153.2	169.4	157.1	176.0	116.9	164.9	211.8	(2/)	(2/)	219.2
1996H1	155.8	170.5	156.9	176.8	120.0	166.3	214.9	(2/)	(2/)	220.6
H2	157.9	171.0	156.3	176.8	116.9	167.7	215.0	(2/)	(2/)	232.4
1997H1	159.9	172.1	159.4	177.3	119.8	167.8	215.6	(2/)	(2/)	232.5
H2	161.2	171.8	159.0	177.0	114.8	164.6	219.1	(2/)	(2/)	245.5
1998H1	162.3	172.0	160.0	176.3	116.4	163.2	222.5	101.4	98.9	254.3
H2	163.7	171.0	158.2	175.7	108.0	161.8	229.8	100.3	99.3	258.0
1999H1	165.4	172.7	162.4	175.5	106.0	162.3	231.0	101.3	102.6	273.9
H2	167.8	173.8	163.5	176.0	104.9	162.0	231.5	102.5	106.4	277.3
2000H1	170.8	175.9	165.5	177.3	104.5	167.7	235.9	103.1	107.3	277.5
H2	173.6	176.7	164.1	178.5	102.6	171.5	243.8	102.6	105.6	281.9
2001H1	176.6	178.1	168.3	178.8	99.7	176.0	246.1	102.1	103.5	287.5
H2	177.5	178.7	170.7	179.3	102.3	173.0	(3/)	101.1	105.8	291.1
2002H1	178.9	180.1	172.3	180.5	106.2	171.7	(3/)	99.9	106.9	299.1
H2	180.9	180.4	171.6	181.9	99.1	170.1	266.5	99.2	108.7	305.3
2003H1	183.3	183.2	173.7	184.7	99.2	175.2	(3/)	99.3	111.1	307.0
H2	184.6	185.7	176.0	187.7	97.8	177.7	(3/)	101.5	113.8	308.2
2004H1	187.6	189.2	179.5	192.2	102.6	180.2	274.8	102.6	113.5	309.6
H2	190.2	191.9	180.9	196.3	99.9	184.6	277.0	102.0	113.6	315.2
2005H1	193.2	195.0	184.7	199.9	104.9	188.2	(3/)	98.5	115.8	318.6
H2	197.4	200.6	187.1	210.5	100.0	195.1	(3/)	97.0	112.8	323.3
2006H1	200.6	206.4	191.6	216.9	104.1	201.6	(3/)	100.9	114.3	329.5
H2	202.6	212.3	196.8	228.0	104.7	202.6	(3/)	101.3	113.7	334.7
2007H1	205.709	216.620	202.952	233.606	102.648	204.402	(3/)	102.058	112.887	343.703
H2	208.976	222.388	206.932	243.250	105.642	205.652	309.195	103.087	115.047	351.295
2008H1	214.429	227.334	212.390	246.676	105.917	215.519	317.380	105.600	115.126	361.286
H2	216.177	230.387	220.859	250.725	104.637	212.477	318.531	104.979	119.110	369.596
2009H1	213.139	228.070	224.747	248.658	114.379	191.723	322.104	105.629	120.937	388.461
H2	215.935	232.026	223.887	250.811	111.244	208.870	321.094	104.848	124.749	401.910
2010H1	217.535	233.822	224.627	250.940	116.564	213.842	321.243	106.585	125.888	406.880
H2	218.576	235.916	224.922	252.995	116.281	214.980	319.064	108.382	131.078	424.172
2011H1	223.598	241.902	230.565	258.121	119.380	228.484	321.891	110.544	130.444	435.239
H2	226.280	245.342	234.747	263.092	117.408	229.962	326.468	110.401	134.052	431.834
2012H1	228.850	248.646	241.047	263.954	122.187	233.236	333.781	113.396	135.804	440.182
H2	230.338	250.303	244.524	266.993	120.775	229.315	335.102	114.526	138.748	440.674
2013H1	232.366	253.202	250.337	269.213	119.349	232.743	343.253	116.347	138.251	446.226
H2	233.548	254.646	251.508	270.557	118.673	233.523	347.116	117.289	140.594	448.131
2014H1	236.384	255.989	252.895	271.656	112.261	237.614	348.133	119.313	141.981	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	264.038	272.390	281.079	110.769	210.717	399.192	124.456	150.105	483.778
H2	241.237	266.528	271.712	286.052	112.703	212.573	401.624	125.288	149.465	485.863
2017H1	244.076	270.738	275.042	292.629	117.145	216.836	405.254	125.662	144.769	489.868
H2	246.163	273.290	279.560	296.390	114.379	218.455	409.514	125.900	144.051	488.111
2018H1	250.089	275.196	280.783	297.758	113.842	226.195	(3/)	126.739	141.143	498.266
H2	252.125	278.960	282.809	303.600	106.676	229.194	(3/)	130.563	143.244	496.189
2019H1	254.412	280.666	287.519	306.722	110.653	223.172	(3/)	132.087	143.708	502.008
H2	256.903	282.503	287.726	309.055	118.937	224.207	(3/)	129.866	143.387	506.748
2020H1	257.557	285.086	295.141	314.817	116.103	213.051	(3/)	135.648	145.073	494.813

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.

1/ The U.S. Bureau of Labor Statistics (BLS) renamed the Honolulu CPI to Urban Hawaii CPI starting in 2018. Since there are no changes in the scope and methodology for the CPI data collection, Honolulu CPI continues to be used in this publication for a data consistency purpose.

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

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

Source: U.S. Bureau of Labor Statistics, Consumer Price Index-All Urban Consumers (Current Series) <http://data.bls.gov/cgi-bin/dsrv> accessed November 12, 2020.

Table B-14. HONOLULU and U.S. CONSUMER PRICE INDEX, ALL URBAN CONSUMERS (CPI-U) - Con.

Period	U.S.	Honolulu 1/								
		All Items	Food & Beverages	Housing	Apparel	Transpor-tation	Medical Care	Recre-ation 1/	Educ. & Comm. 1/	Other Goods & Services
Percentage Change from the Same Period in Previous Year										
1991	4.2	7.2	5.9	8.0	3.3	6.3	11.1	(2/)	(2/)	9.5
1992	3.0	4.8	1.8	5.8	3.3	5.8	6.6	(2/)	(2/)	7.6
1993	3.0	3.2	3.0	3.0	2.0	2.1	8.1	(2/)	(2/)	5.9
1994	2.6	2.7	0.3	3.1	1.9	3.9	4.4	(2/)	(2/)	4.7
1995	2.8	2.2	2.2	1.8	-1.0	3.8	1.8	(2/)	(2/)	3.4
1996	3.0	1.5	0.0	1.2	0.9	2.8	2.5	(2/)	(2/)	4.5
1997	2.3	0.7	1.5	0.2	-1.0	-0.5	1.1	(2/)	(2/)	5.5
1998	1.6	-0.2	-0.1	-0.6	-4.3	-2.2	4.0	(2/)	(2/)	7.2
1999	2.2	1.0	2.4	-0.1	-6.1	-0.2	2.3	1.1	5.4	7.6
2000	3.4	1.7	1.2	1.2	-1.8	4.6	3.7	0.9	1.9	1.5
2001	2.8	1.2	2.9	0.7	-2.4	2.9	(3/)	-1.2	-1.8	3.4
2002	1.6	1.1	1.4	1.2	1.6	-2.1	(3/)	-2.1	3.1	4.5
2003	2.3	2.3	1.7	2.8	-4.0	3.2	(3/)	0.9	4.4	1.8
2004	2.7	3.3	3.0	4.4	2.7	3.4	(3/)	1.9	0.9	1.6
2005	3.4	3.8	3.2	5.6	1.3	5.0	(3/)	-4.4	0.7	2.8
2006	3.2	5.9	4.5	8.4	1.9	5.5	(3/)	3.4	-0.3	3.5
2007	2.8	4.8	5.5	7.2	-0.2	1.4	(3/)	1.5	0.0	4.6
2008	3.8	4.3	5.7	4.3	1.1	4.4	(3/)	2.6	2.8	5.2
2009	-0.4	0.5	3.6	0.4	7.2	-6.4	1.1	0.0	4.9	8.1
2010	1.6	2.1	0.2	0.9	3.2	7.0	-0.4	2.1	4.6	5.1
2011	3.2	3.7	3.5	3.4	1.7	6.9	1.3	2.8	2.9	4.3
2012	2.1	2.4	4.4	1.9	2.6	0.9	3.2	3.2	3.8	1.6
2013	1.5	1.8	3.4	1.7	-2.0	0.8	3.2	2.5	1.6	1.5
2014	1.6	1.4	2.0	1.3	-6.6	1.4	1.9	2.4	2.9	2.4
2015	0.1	1.0	4.3	0.9	-2.0	-8.3	7.7	1.9	3.1	4.5
2016	1.3	2.0	1.9	2.7	2.6	-2.4	5.7	2.5	1.3	1.3
2017	2.1	2.5	1.9	3.9	3.6	2.8	1.7	0.7	-3.6	0.9
2018	2.4	1.9	1.6	2.1	-4.8	4.6	(3/)	2.3	-1.5	1.7
2019	1.8	1.6	2.1	2.4	4.1	-1.8	(3/)	1.8	1.0	1.4
1996H1	2.8	2.2	0.3	2.0	1.6	3.9	3.4	(2/)	(2/)	2.9
H2	3.1	0.9	-0.5	0.5	0.0	1.7	1.5	(2/)	(2/)	6.0
1997H1	2.6	0.9	1.6	0.3	-0.2	0.9	0.3	(2/)	(2/)	5.4
H2	2.1	0.5	1.7	0.1	-1.8	-1.8	1.9	(2/)	(2/)	5.6
1998H1	1.5	-0.1	0.4	-0.6	-2.8	-2.7	3.2	(2/)	(2/)	9.4
H2	1.6	-0.5	-0.5	-0.7	-5.9	-1.7	4.9	(2/)	(2/)	5.1
1999H1	1.9	0.4	1.5	-0.5	-8.9	-0.6	3.8	-0.1	3.7	7.7
H2	2.5	1.6	3.4	0.2	-2.9	0.1	0.7	2.2	7.2	7.5
2000H1	3.3	1.9	1.9	1.0	-1.4	3.3	2.1	1.8	4.6	1.3
H2	3.5	1.7	0.4	1.4	-2.2	5.9	5.3	0.1	-0.8	1.7
2001H1	3.4	1.3	1.7	0.8	-4.6	4.9	4.3	-1.0	-3.5	3.6
H2	2.2	1.1	4.0	0.4	-0.3	0.9	(3/)	-1.5	0.2	3.3
2002H1	1.3	1.1	2.4	1.0	6.5	-2.4	(3/)	-2.2	3.3	4.0
H2	1.9	1.0	0.5	1.5	-3.1	-1.7	(3/)	-1.9	2.7	4.9
2003H1	2.5	1.7	0.8	2.3	-6.6	2.0	(3/)	-0.6	3.9	2.6
H2	2.0	2.9	2.6	3.2	-1.3	4.5	(3/)	2.3	4.7	0.9
2004H1	2.3	3.3	3.3	4.1	3.4	2.9	(3/)	3.3	2.2	0.8
H2	3.0	3.3	2.8	4.6	2.1	3.9	(3/)	0.5	-0.2	2.3
2005H1	3.0	3.1	2.9	4.0	2.2	4.4	(3/)	-4.0	2.0	2.9
H2	3.8	4.5	3.4	7.2	0.1	5.7	(3/)	-4.9	-0.7	2.6
2006H1	3.8	5.8	3.7	8.5	-0.8	7.1	(3/)	2.4	-1.3	3.4
H2	2.6	5.8	5.2	8.3	4.7	3.8	(3/)	4.4	0.8	3.5
2007H1	2.5	5.0	5.9	7.7	-1.4	1.4	(3/)	1.1	-1.2	4.3
H2	3.1	4.8	5.1	6.7	0.9	1.5	(3/)	1.8	1.2	5.0
2008H1	4.2	4.9	4.7	5.6	3.2	5.4	(3/)	3.5	2.0	5.1
H2	3.4	3.6	6.7	3.1	-1.0	3.3	3.0	1.8	3.5	5.2
2009H1	-0.6	0.3	5.8	0.8	8.0	-11.0	1.5	0.0	5.0	7.5
H2	-0.1	0.7	1.4	0.0	6.3	-1.7	0.8	-0.1	4.7	8.7
2010H1	2.1	2.5	-0.1	0.9	1.9	11.5	-0.3	0.9	4.1	4.7
H2	1.2	1.7	0.5	0.9	4.5	2.9	-0.6	3.4	5.1	5.5
2011H1	2.8	3.5	2.6	2.9	2.4	6.8	0.2	3.7	3.6	7.0
H2	3.5	4.0	4.4	4.0	1.0	7.0	2.3	1.9	2.3	1.8
2012H1	2.3	2.8	4.5	2.3	2.4	2.1	3.7	2.6	4.1	1.1
H2	1.8	2.0	4.2	1.5	2.9	-0.3	2.6	3.7	3.5	2.0
2013H1	1.5	1.8	3.9	2.0	-2.3	-0.2	2.8	2.6	1.8	1.4
H2	1.4	1.7	2.9	1.3	-1.7	1.8	3.6	2.4	1.3	1.7
2014H1	1.7	1.1	1.0	0.9	-5.9	2.1	1.4	2.5	2.7	0.8
H2	1.5	1.8	3.0	1.8	-7.3	0.7	2.4	2.2	3.1	4.0
2015H1	-0.1	0.7	4.2	1.0	-2.1	-8.6	4.8	0.9	3.1	5.3
H2	0.3	1.3	4.4	0.9	-2.0	-8.0	10.6	2.8	3.0	3.8
2016H1	1.1	2.4	3.3	2.4	0.8	-3.0	9.4	3.4	2.5	2.1
H2	1.5	1.5	0.5	3.0	4.5	-1.7	2.2	1.6	0.1	0.5
2017H1	2.2	2.5	1.0	4.1	5.8	2.9	1.5	1.0	-3.6	1.3
H2	2.0	2.5	2.9	3.6	1.5	2.8	2.0	0.5	-3.6	0.5
2018H1	2.5	1.6	2.1	1.8	-2.8	4.3	(3/)	0.9	-2.5	1.7
H2	2.4	2.1	1.2	2.4	-6.7	4.9	(3/)	3.7	-0.6	1.7
2019H1	1.7	2.0	2.4	3.0	-2.8	-1.3	(3/)	4.2	1.8	0.8
H2	1.9	1.3	1.7	1.8	11.5	-2.2	(3/)	-0.5	0.1	2.1
2020H1	1.2	1.6	2.7	2.6	4.9	-4.5	(3/)	2.7	0.9	-1.4

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.

1/ The U.S. Bureau of Labor Statistics (BLS) renamed the Honolulu CPI to Urban Hawaii CPI starting in 2018. Since there are no changes in the scope and methodology for the CPI data collection, Honolulu CPI continues to be used in this publication for a data consistency purpose.

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

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

Source: U.S. Bureau of Labor Statistics, Consumer Price Index-All Urban Consumers (Current Series) <http://data.bls.gov/cgi-bin/dsrv> accessed November 12, 2020.

C. TAX REVENUES

The State general fund tax revenues decreased in the third quarter of 2020 compared to the same quarter of 2019.[1] Among the components shown, the GET decreased the most; followed by the Transient Accommodations Tax (TAT). Net Individual Income Tax and Net Corporate Income Tax revenues both increased in the quarter.

In the third quarter of 2020, total tax collections distributed to the State general fund totaled $1,793.4 million, a decrease of $59.0 million or 3.2 percent over the same quarter of 2019 (Tables C-1 and C-2). In the first three quarters of 2020, State general fund tax revenues decreased $680.7 million or 12.1 percent over the same period of the previous year.

During the third quarter of 2020, GET revenues (excluding the Honolulu County Surcharge) totaled $696.0 million, a decrease of $227.1 million or 24.6 percent over the same quarter of 2019 (Table C-3). In the first three quarters of 2020, GET revenues decreased $393.2 million or 14.4 percent from the same period of the previous year.

Compared to the third quarter of 2019, Net Individual Income Tax revenues increased $256.7 million or 38.9 percent to $915.9 million in the third quarter of 2020 (Table C-4). In the third quarter of 2020, Declaration of Estimated Taxes increased $190.6 million or 111.6 percent (Table C-5), Payments with Returns increased $111.5 million or 449.5 percent (Table C-6), Revenues from Withholding Tax on Wages decreased $6.4 million or 1.2 percent (Table C-7), and Refunds increased $39.1 million or 60.3 percent (Table C-8). In the first three quarters of 2020, Net Individual Income Tax collections decreased $67.1 million or 3.2 percent from the same period of the previous year.

Net Corporate Income Tax revenues, which tend to be volatile by nature, increased from $26.2 million in the third quarter of 2019 to $43.7 million in the third quarter of 2020 (Table C-9). In the third quarter of 2020, the Declaration of Estimated Taxes increased $11.3 million or 22.5 percent (Table C-10), the Payment with Returns increased $8.7 million or 526.0 percent (Table C-11), and the Refunds increased $2.5 million or 9.8 percent (Table C-12), compared with the same quarter of 2019. In the first three quarters of 2020, Net Corporate Income Tax revenues decreased $111.2 million from $123.9 million in the first three quarters of 2019 to $12.7 million in the first three quarters of 2020.

In the third quarter of 2020, Transient Accommodations Tax (TAT) revenues decreased $163.3 million or 92.1 percent compared to the same quarter of 2019 (Table C-13). In the first three quarters of 2020, TAT revenues decreased $236.4 million or 47.8 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.

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

Year		General Excise and Use Tax	Net Individual Income Tax 1/	Net Corporate Income Tax 2/	Tax Revenues Distributed to State General Fund
In Thousands of Dollars					
1990		1,250,204	743,114	86,269	2,246,752
1991		1,287,818	900,962	70,568	2,397,289
1992		1,299,814	922,206	42,737	2,523,670
1993		1,308,797	951,405	22,239	2,555,912
1994		1,347,945	1,003,479	34,228	2,672,291
1995		1,386,684	918,811	37,336	2,614,713
1996		1,469,766	995,456	51,243	2,799,972
1997		1,433,012	985,000	55,594	2,756,621
1998		1,436,654	1,093,241	50,112	2,889,291
1999		1,454,778	1,053,858	47,692	2,841,290
2000		1,611,446	1,080,371	67,650	3,067,622
2001		1,660,763	1,100,317	48,269	3,172,250
2002		1,679,840	1,059,646	55,373	3,116,029
2003		1,820,498	1,071,360	5,189	3,211,431
2004		1,991,539	1,235,721	75,171	3,652,686
2005		2,263,393	1,447,744	132,589	4,252,231
2006		2,457,379	1,576,674	86,975	4,522,261
2007		2,623,514	1,579,138	80,014	4,683,086
2008		2,567,821	1,564,708	76,602	4,608,569
2009		2,296,288	1,267,602	36,683	4,018,215
2010		2,379,942	1,375,120	52,815	4,312,342
2011		2,588,488	1,460,621	19,548	4,662,521
2012		2,844,741	1,651,212	112,695	5,259,149
2013		2,907,622	1,745,615	135,338	5,451,640
2014		2,979,776	1,820,693	65,746	5,535,709
2015		3,141,489	2,054,098	76,462	5,998,615
2016		3,205,733	2,118,219	89,697	6,215,407
2017		3,349,822	2,285,956	42,128	6,484,975
2018		3,426,525	2,535,656	114,268	6,933,078
2019		3,602,222	2,683,592	137,143	7,316,550
2002	1 Qtr.	395,795	266,388	18,655	761,922
	2 Qtr.	400,462	255,030	25,751	757,798
	3 Qtr.	473,241	266,331	4,267	820,290
	4 Qtr.	410,341	271,897	6,700	776,019
2003	1 Qtr.	455,018	254,081	-25,417	772,047
	2 Qtr.	454,098	245,799	22,712	813,686
	3 Qtr.	473,268	274,363	8,154	819,182
	4 Qtr.	438,113	297,117	-260	806,515
2004	1 Qtr.	506,097	261,760	12,022	874,018
	2 Qtr.	482,899	335,713	36,737	946,670
	3 Qtr.	519,129	325,902	15,156	946,218
	4 Qtr.	483,415	312,346	11,257	885,780
2005	1 Qtr.	579,475	338,591	12,413	1,054,797
	2 Qtr.	554,585	404,642	46,779	1,110,743
	3 Qtr.	579,607	361,900	67,092	1,099,688
	4 Qtr.	549,727	342,612	6,305	987,002
2006	1 Qtr.	638,194	355,719	1,330	1,106,472
	2 Qtr.	587,788	490,365	55,282	1,241,830
	3 Qtr.	605,813	361,508	22,781	1,076,795
	4 Qtr.	625,584	369,081	7,582	1,097,164
2007	1 Qtr.	662,362	341,183	9,136	1,116,467
	2 Qtr.	662,003	488,514	42,336	1,295,154
	3 Qtr.	646,384	379,033	27,297	1,146,614
	4 Qtr.	652,765	370,408	1,245	1,124,851
2008	1 Qtr.	678,489	336,354	14,593	1,138,545
	2 Qtr.	641,149	459,040	41,946	1,231,862
	3 Qtr.	655,075	382,982	17,117	1,161,528
	4 Qtr.	593,107	386,333	2,945	1,076,634
2009	1 Qtr.	589,891	265,502	9,201	954,075
	2 Qtr.	579,506	304,239	24,259	1,010,064
	3 Qtr.	577,836	357,169	12,451	1,051,792
	4 Qtr.	549,055	340,692	-9,229	1,002,283
2010	1 Qtr.	616,777	428,586	18,696	1,192,489
	2 Qtr.	572,766	401,662	37,267	1,117,994
	3 Qtr.	611,575	165,284	1,752	908,912
	4 Qtr.	578,824	379,587	-4,900	1,092,946
2011	1 Qtr.	652,857	289,893	-8,202	1,068,341
	2 Qtr.	652,551	412,388	45,923	1,259,112
	3 Qtr.	655,038	395,424	10,662	1,215,241
	4 Qtr.	628,042	362,916	-28,835	1,119,826
2012	1 Qtr.	711,092	276,663	33,542	1,186,786
	2 Qtr.	703,779	506,048	57,658	1,455,995
	3 Qtr.	738,753	435,471	21,335	1,346,738
	4 Qtr.	691,117	433,030	160	1,269,630
2013	1 Qtr.	757,923	351,323	14,909	1,282,926
	2 Qtr.	756,693	516,183	64,584	1,572,719
	3 Qtr.	698,689	454,022	39,471	1,311,027
	4 Qtr.	694,316	424,087	16,374	1,284,968
2014	1 Qtr.	746,724	346,914	-11,265	1,286,988
	2 Qtr.	740,811	520,787	42,441	1,487,285
	3 Qtr.	754,466	453,178	15,558	1,348,688
	4 Qtr.	737,774	499,814	19,012	1,412,748
2015	1 Qtr.	782,302	464,230	9,632	1,444,563
	2 Qtr.	773,665	570,972	8,118	1,529,142
	3 Qtr.	831,149	520,447	50,082	1,593,064
	4 Qtr.	754,374	498,450	8,630	1,431,846
2016	1 Qtr.	818,316	495,998	-17,278	1,504,155
	2 Qtr.	802,314	601,965	51,601	1,665,290
	3 Qtr.	801,115	509,507	18,476	1,545,715
	4 Qtr.	783,988	510,748	36,898	1,500,247
2017	1 Qtr.	831,893	556,351	-31,911	1,575,636
	2 Qtr.	822,229	616,196	53,298	1,693,618
	3 Qtr.	901,033	543,027	32,139	1,691,534
	4 Qtr.	794,667	570,382	-11,397	1,524,187
2018	1 Qtr.	959,068	513,448	14,562	1,710,827
	2 Qtr.	740,798	865,605	33,708	1,869,488
	3 Qtr.	880,361	579,322	22,188	1,697,744
	4 Qtr.	846,297	577,281	43,810	1,655,019
2019	1 Qtr.	916,354	524,252	17,491	1,688,188
	2 Qtr.	898,376	887,762	80,188	2,100,839
	3 Qtr.	923,136	659,199	26,198	1,852,368
	4 Qtr.	864,355	612,379	13,267	1,675,155
2020	1 Qtr.	971,273	560,056	-24,900	1,791,047
3/	2 Qtr.	677,373	528,181	-6,157	1,376,238
	3 Qtr.	696,048	915,885	43,710	1,793,371

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

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

Year		General Excise and Use Tax	Net Individual Income Tax 1/	Net Corporate Income Tax 2/	Tax Revenues Distributed to State General Fund
Percentage Change from the Same Period in Previous Year					
1991		3.0	21.2	-18.2	6.7
1992		0.9	2.4	-39.4	5.3
1993		0.7	3.2	-48.0	1.3
1994		3.0	5.5	53.9	4.6
1995		2.9	-8.4	9.1	-2.2
1996		6.0	8.3	37.2	7.1
1997		-2.5	-1.1	8.5	-1.5
1998		0.3	11.0	-9.9	4.8
1999		1.3	-3.6	-4.8	-1.7
2000		10.8	2.5	41.8	8.0
2001		3.1	1.8	-28.6	3.4
2002		1.1	-3.7	14.7	-1.8
2003		8.4	1.1	-90.6	3.1
2004		9.4	15.3	1,348.7	13.7
2005		13.7	17.2	76.4	16.4
2006		8.6	8.9	-34.4	6.4
2007		6.8	0.2	-8.0	3.6
2008		-2.1	-0.9	-4.3	-1.6
2009		-10.6	-19.0	-52.1	-12.8
2010		3.6	8.5	44.0	7.3
2011		8.8	6.2	-63.0	8.1
2012		9.9	13.0	476.5	12.8
2013		2.2	5.7	20.1	3.7
2014		2.5	4.3	-51.4	1.5
2015		5.4	12.8	16.3	8.4
2016		2.0	3.1	17.3	3.6
2017		4.5	7.9	-53.0	4.3
2018		2.3	10.9	171.2	6.9
2019		5.1	5.8	20.0	5.5
2003	1 Qtr.	15.0	-4.6	(3/)	1.3
	2 Qtr.	13.4	-3.6	-11.8	7.4
	3 Qtr.	0.0	3.0	91.1	-0.1
	4 Qtr.	6.8	9.3	(3/)	3.9
2004	1 Qtr.	11.2	3.0	(3/)	13.2
	2 Qtr.	6.3	36.6	61.7	16.3
	3 Qtr.	9.7	18.8	85.9	15.5
	4 Qtr.	10.3	5.1	(3/)	9.8
2005	1 Qtr.	14.5	29.4	3.2	20.7
	2 Qtr.	14.8	20.5	27.3	17.3
	3 Qtr.	11.6	11.0	342.7	16.2
	4 Qtr.	13.7	9.7	-44.0	11.4
2006	1 Qtr.	10.1	5.1	-89.3	4.9
	2 Qtr.	6.0	21.2	18.2	11.8
	3 Qtr.	4.5	-0.1	-66.0	-2.1
	4 Qtr.	13.8	7.7	20.2	11.2
2007	1 Qtr.	3.8	-4.1	586.7	0.9
	2 Qtr.	12.6	-0.4	-23.4	4.3
	3 Qtr.	6.7	4.8	19.8	6.5
	4 Qtr.	4.3	0.4	-83.6	2.5
2008	1 Qtr.	2.4	-1.4	59.7	2.0
	2 Qtr.	-3.2	-6.0	-0.9	-4.9
	3 Qtr.	1.3	1.0	-37.3	1.3
	4 Qtr.	-9.1	4.3	136.6	-4.3
2009	1 Qtr.	-13.1	-21.1	-36.9	-16.2
	2 Qtr.	-9.6	-33.7	-42.2	-18.0
	3 Qtr.	-11.8	-6.7	-27.3	-9.4
	4 Qtr.	-7.4	-11.8	(3/)	-6.9
2010	1 Qtr.	4.6	61.4	103.2	25.0
	2 Qtr.	-1.2	32.0	53.6	10.7
	3 Qtr.	5.8	-53.7	-85.9	-13.6
	4 Qtr.	5.4	11.4	(3/)	9.0
2011	1 Qtr.	5.8	-32.4	(3/)	-10.4
	2 Qtr.	13.9	2.7	23.2	12.6
	3 Qtr.	7.1	139.2	508.6	33.7
	4 Qtr.	8.5	-4.4	(3/)	2.5
2012	1 Qtr.	8.9	-4.6	(3/)	11.1
	2 Qtr.	7.9	22.7	25.6	15.6
	3 Qtr.	12.8	10.1	(3/)	10.8
	4 Qtr.	10.0	19.3	-100.6	13.4
2013	1 Qtr.	6.6	27.0	-55.6	8.1
	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	1.2
2014	1 Qtr.	-1.5	-1.3	(3/)	0.3
	2 Qtr.	-2.1	0.9	-34.3	-5.4
	3 Qtr.	8.0	-0.2	-60.6	2.9
	4 Qtr.	6.3	17.9	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.	4.6	6.8	(3/)	4.1
	2 Qtr.	3.7	5.4	535.7	8.9
	3 Qtr.	-3.6	-2.1	-63.1	-3.0
	4 Qtr.	3.9	2.5	327.5	4.8
2017	1 Qtr.	1.7	12.2	(3/)	4.8
	2 Qtr.	2.5	2.4	3.3	1.7
	3 Qtr.	12.5	6.6	73.9	9.4
	4 Qtr.	1.4	11.7	(3/)	1.6
2018	1 Qtr.	15.3	-7.7	(3/)	8.6
	2 Qtr.	-9.9	40.5	-36.8	10.4
	3 Qtr.	-2.3	6.7	-31.0	0.4
	4 Qtr.	6.5	1.2	(3/)	8.6
2019	1 Qtr.	-4.5	2.1	20.1	-1.3
	2 Qtr.	21.3	2.6	137.9	12.4
	3 Qtr.	4.9	13.8	18.1	9.1
	4 Qtr.	2.1	6.1	-69.7	1.2
2020	1 Qtr.	6.0	6.8	(3/)	6.1
4/	2 Qtr.	-24.6	-40.5	(3/)	-34.5
	3 Qtr.	-24.6	38.9	66.8	-3.2

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

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

3/ Percentage changes involving negative values not meaningful.

4/ Revised from previous *QSER*.

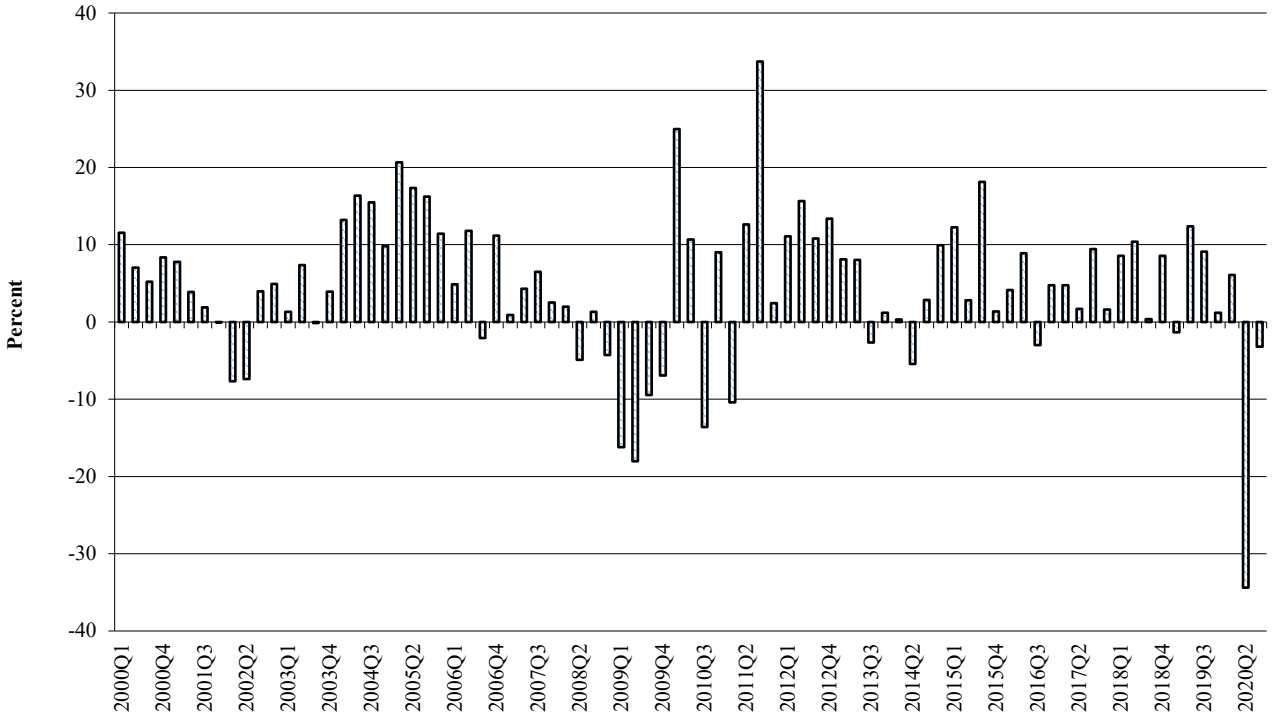
Source: Hawaii State Department of Taxation and <http://www.hawaii.gov/tax/a5_3txcolrpt.htm>.

Table C-2. STATE GENERAL FUND TAX REVENUES

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	**Annual**
In Thousands of Dollars					
1982	248,406	219,138	284,382	259,539	1,011,465
1983	267,915	270,679	295,506	275,775	1,109,876
1984	293,272	313,706	317,326	316,049	1,240,352
1985	315,085	344,413	344,675	321,618	1,325,791
1986	347,122	393,178	377,598	368,586	1,486,484
1987	400,595	461,147	430,015	438,903	1,730,661
1988	466,092	514,559	483,626	484,896	1,949,173
1989	554,241	593,091	441,009	401,572	1,989,914
1990	595,970	530,495	531,249	589,038	2,246,752
1991	654,222	600,830	557,568	584,670	2,397,289
1992	629,722	638,901	640,253	614,794	2,523,670
1993	646,216	617,400	674,236	618,060	2,555,912
1994	681,253	647,987	703,935	639,117	2,672,291
1995	671,365	577,803	705,999	659,548	2,614,713
1996	725,284	667,712	738,963	668,014	2,799,972
1997	688,683	676,222	704,749	686,967	2,756,621
1998	714,466	743,003	738,957	692,866	2,889,291
1999	686,437	735,905	735,969	682,978	2,841,290
2000	765,790	787,612	774,265	739,955	3,067,622
2001	825,236	818,204	789,090	739,719	3,172,250
2002	761,922	757,798	820,290	776,019	3,116,029
2003	772,047	813,686	819,182	806,515	3,211,431
2004	874,018	946,670	946,218	885,780	3,652,686
2005	1,054,797	1,110,743	1,099,688	987,002	4,252,231
2006	1,106,472	1,241,830	1,076,795	1,097,164	4,522,261
2007	1,116,467	1,295,154	1,146,614	1,124,851	4,683,086
2008	1,138,545	1,231,862	1,161,528	1,076,634	4,608,569
2009	954,075	1,010,064	1,051,792	1,002,283	4,018,215
2010	1,192,489	1,117,994	908,912	1,092,946	4,312,342
2011	1,068,341	1,259,112	1,215,241	1,119,826	4,662,521
2012	1,186,786	1,455,995	1,346,738	1,269,630	5,259,149
2013	1,282,926	1,572,719	1,311,027	1,284,968	5,451,640
2014	1,286,988	1,487,285	1,348,688	1,412,748	5,535,709
2015	1,444,563	1,529,142	1,593,064	1,431,846	5,998,615
2016	1,504,155	1,665,290	1,545,715	1,500,247	6,215,407
2017	1,575,636	1,693,618	1,691,534	1,524,187	6,484,975
2018	1,710,827	1,869,488	1,697,744	1,655,019	6,933,078
2019	1,688,188	2,100,839	1,852,368	1,675,155	7,316,550
2020 1/	1,791,047	1,376,238	1,793,371	Year to date	4,960,656
Percentage Change from the Same Period in Previous Year					
1983	7.9	23.5	3.9	6.3	9.7
1984	9.5	15.9	7.4	14.6	11.8
1985	7.4	9.8	8.6	1.8	6.9
1986	10.2	14.2	9.6	14.6	12.1
1987	15.4	17.3	13.9	19.1	16.4
1988	16.4	11.6	12.5	10.5	12.6
1989	18.9	15.3	-8.8	-17.2	2.1
1990	7.5	-10.6	20.5	46.7	12.9
1991	9.8	13.3	5.0	-0.7	6.7
1992	-3.7	6.3	14.8	5.2	5.3
1993	2.6	-3.4	5.3	0.5	1.3
1994	5.4	5.0	4.4	3.4	4.6
1995	-1.5	-10.8	0.3	3.2	-2.2
1996	8.0	15.6	4.7	1.3	7.1
1997	-5.0	1.3	-4.6	2.8	-1.5
1998	3.7	9.9	4.9	0.9	4.8
1999	-3.9	-1.0	-0.4	-1.4	-1.7
2000	11.6	7.0	5.2	8.3	8.0
2001	7.8	3.9	1.9	0.0	3.4
2002	-7.7	-7.4	4.0	4.9	-1.8
2003	1.3	7.4	-0.1	3.9	3.1
2004	13.2	16.3	15.5	9.8	13.7
2005	20.7	17.3	16.2	11.4	16.4
2006	4.9	11.8	-2.1	11.2	6.4
2007	0.9	4.3	6.5	2.5	3.6
2008	2.0	-4.9	1.3	-4.3	-1.6
2009	-16.2	-18.0	-9.4	-6.9	-12.8
2010	25.0	10.7	-13.6	9.0	7.3
2011	-10.4	12.6	33.7	2.5	8.1
2012	11.1	15.6	10.8	13.4	12.8
2013	8.1	8.0	-2.7	1.2	3.7
2014	0.3	-5.4	2.9	9.9	1.5
2015	12.2	2.8	18.1	1.4	8.4
2016	4.1	8.9	-3.0	4.8	3.6
2017	4.8	1.7	9.4	1.6	4.3
2018	8.6	10.4	0.4	8.6	6.9
2019	-1.3	12.4	9.1	1.2	5.5
2020 1/	6.1	-34.5	-3.2	Year to date	-12.1

1/ Q2 revised from previous *QSER*.
Source: Hawaii State Department of Taxation and <http://www.hawaii.gov/tax/a5_3txcolrpt.htm>.

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



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

Table C-3. GENERAL EXCISE & USE TAX REVENUES

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	**Annual**
In Thousands of Dollars					
1982	141,147	147,532	151,149	134,763	574,591
1983	155,780	159,436	151,498	148,822	615,536
1984	165,120	173,806	165,634	165,245	669,805
1985	174,055	178,697	176,769	177,860	707,381
1986	192,020	200,047	198,275	187,620	777,961
1987	216,698	214,933	219,312	218,096	869,039
1988	240,506	241,951	241,340	242,153	965,952
1989	270,801	270,683	272,645	282,347	1,096,476
1990	313,129	308,567	314,328	314,180	1,250,204
1991	345,988	304,240	335,721	301,869	1,287,818
1992	338,289	318,844	325,339	317,342	1,299,814
1993	332,689	327,549	332,661	315,898	1,308,797
1994	353,369	330,321	345,772	318,484	1,347,945
1995	363,101	335,906	348,033	339,643	1,386,684
1996	386,709	357,416	379,032	346,610	1,469,766
1997	365,069	366,563	356,533	344,846	1,433,012
1998	375,018	348,955	360,313	352,368	1,436,654
1999	369,292	365,306	372,436	347,745	1,454,778
2000	422,221	393,873	400,698	394,653	1,611,446
2001	436,888	407,800	406,543	409,533	1,660,763
2002	395,795	400,462	473,241	410,341	1,679,840
2003	455,018	454,098	473,268	438,113	1,820,498
2004	506,097	482,899	519,129	483,415	1,991,539
2005	579,475	554,585	579,607	549,727	2,263,393
2006	638,194	587,788	605,813	625,584	2,457,379
2007	662,362	662,003	646,384	652,765	2,623,514
2008	678,489	641,149	655,075	593,107	2,567,821
2009	589,891	579,506	577,836	549,055	2,296,288
2010	616,777	572,766	611,575	578,824	2,379,942
2011	652,857	652,551	655,038	628,042	2,588,488
2012	711,092	703,779	738,753	691,117	2,844,741
2013	757,923	756,693	698,689	694,316	2,907,622
2014	746,724	740,811	754,466	737,774	2,979,776
2015	782,302	773,665	831,149	754,374	3,141,489
2016	818,316	802,314	801,115	783,988	3,205,733
2017	831,893	822,229	901,033	794,667	3,349,822
2018	959,068	740,798	880,361	846,297	3,426,525
2019	916,354	898,376	923,136	864,355	3,602,222
2020 1/	971,273	677,373	696,048	Year to date	2,344,694
Percentage Change from the Same Period in Previous Year					
1983	10.4	8.1	0.2	10.4	7.1
1984	6.0	9.0	9.3	11.0	8.8
1985	5.4	2.8	6.7	7.6	5.6
1986	10.3	11.9	12.2	5.5	10.0
1987	12.9	7.4	10.6	16.2	11.7
1988	11.0	12.6	10.0	11.0	11.2
1989	12.6	11.9	13.0	16.6	13.5
1990	15.6	14.0	15.3	11.3	14.0
1991	10.5	-1.4	6.8	-3.9	3.0
1992	-2.2	4.8	-3.1	5.1	0.9
1993	-1.7	2.7	2.3	-0.5	0.7
1994	6.2	0.8	3.9	0.8	3.0
1995	2.8	1.7	0.7	6.6	2.9
1996	6.5	6.4	8.9	2.1	6.0
1997	-5.6	2.6	-5.9	-0.5	-2.5
1998	2.7	-4.8	1.1	2.2	0.3
1999	-1.5	4.7	3.4	-1.3	1.3
2000	14.3	7.8	7.6	13.5	10.8
2001	3.5	3.5	1.5	3.8	3.1
2002	-9.4	-1.8	16.4	0.2	1.1
2003	15.0	13.4	0.0	6.8	8.4
2004	11.2	6.3	9.7	10.3	9.4
2005	14.5	14.8	11.6	13.7	13.7
2006	10.1	6.0	4.5	13.8	8.6
2007	3.8	12.6	6.7	4.3	6.8
2008	2.4	-3.2	1.3	-9.1	-2.1
2009	-13.1	-9.6	-11.8	-7.4	-10.6
2010	4.6	-1.2	5.8	5.4	3.6
2011	5.8	13.9	7.1	8.5	8.8
2012	8.9	7.9	12.8	10.0	9.9
2013	6.6	7.5	-5.4	0.5	2.2
2014	-1.5	-2.1	8.0	6.3	2.5
2015	4.8	4.4	10.2	2.3	5.4
2016	4.6	3.7	-3.6	3.9	2.0
2017	1.7	2.5	12.5	1.4	4.5
2018	15.3	-9.9	-2.3	6.5	2.3
2019	-4.5	21.3	4.9	2.1	5.1
2020 1/	6.0	-24.6	-24.6	Year to date	-14.4

1/ Q2 revised from previous *QSER*.

Manufactured goods shipped out of state have been exempted from the general excise tax by Act 239,

Table C-4. NET INDIVIDUAL INCOME TAX REVENUES

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	**Annual**
In Thousands of Dollars					
1982	85,998	12,566	98,191	102,059	298,814
1983	94,527	54,183	107,922	102,844	359,476
1984	112,154	81,345	111,966	108,421	413,885
1985	108,567	100,301	125,692	115,999	450,559
1986	125,668	99,847	129,120	135,552	490,187
1987	134,393	143,625	138,773	157,936	574,727
1988	159,295	170,005	168,975	182,516	680,790
1989	205,046	211,019	176,720	209,181	801,966
1990	201,606	107,591	215,990	217,927	743,114
1991	252,599	186,218	240,436	221,709	900,962
1992	228,846	215,991	244,012	233,357	922,206
1993	233,868	211,674	262,953	242,909	951,405
1994	236,377	220,304	281,470	265,328	1,003,479
1995	224,594	154,311	277,058	262,848	918,811
1996	242,252	217,770	276,896	258,539	995,456
1997	227,409	213,468	269,597	274,526	985,000
1998	247,815	291,713	283,430	270,283	1,093,241
1999	238,606	276,392	277,965	260,895	1,053,858
2000	247,129	278,567	285,983	268,692	1,080,371
2001	265,834	284,311	289,423	260,749	1,100,317
2002	266,388	255,030	266,331	271,897	1,059,646
2003	254,081	245,799	274,363	297,117	1,071,360
2004	261,760	335,713	325,902	312,346	1,235,721
2005	338,591	404,642	361,900	342,612	1,447,744
2006	355,719	490,365	361,508	369,081	1,576,674
2007	341,183	488,514	379,033	370,408	1,579,138
2008	336,354	459,040	382,982	386,333	1,564,708
2009	265,502	304,239	357,169	340,692	1,267,602
2010	428,586	401,662	165,284	379,587	1,375,120
2011	289,893	412,388	395,424	362,916	1,460,621
2012	276,663	506,048	435,471	433,030	1,651,212
2013	351,323	516,183	454,022	424,087	1,745,615
2014	346,914	520,787	453,178	499,814	1,820,693
2015	464,230	570,972	520,447	498,450	2,054,098
2016	495,998	601,965	509,507	510,748	2,118,219
2017	556,351	616,196	543,027	570,382	2,285,956
2018	513,448	865,605	579,322	577,281	2,535,656
2019	524,252	887,762	659,199	612,379	2,683,592
2020 1/	560,056	528,181	915,885	Year to date	2,004,122
Percentage Change from the Same Period in Previous Year					
1983	9.9	331.2	9.9	0.8	20.3
1984	18.6	50.1	3.7	5.4	15.1
1985	-3.2	23.3	12.3	7.0	8.9
1986	15.8	-0.5	2.7	16.9	8.8
1987	6.9	43.8	7.5	16.5	17.2
1988	18.5	18.4	21.8	15.6	18.5
1989	28.7	24.1	4.6	14.6	17.8
1990	-1.7	-49.0	22.2	4.2	-7.3
1991	25.3	73.1	11.3	1.7	21.2
1992	-9.4	16.0	1.5	5.3	2.4
1993	2.2	-2.0	7.8	4.1	3.2
1994	1.1	4.1	7.0	9.2	5.5
1995	-5.0	-30.0	-1.6	-0.9	-8.4
1996	7.9	41.1	-0.1	-1.6	8.3
1997	-6.1	-2.0	-2.6	6.2	-1.1
1998	9.0	36.7	5.1	-1.5	11.0
1999	-3.7	-5.3	-1.9	-3.5	-3.6
2000	3.6	0.8	2.9	3.0	2.5
2001	7.6	2.1	1.2	-3.0	1.8
2002	0.2	-10.3	-8.0	4.3	-3.7
2003	-4.6	-3.6	3.0	9.3	1.1
2004	3.0	36.6	18.8	5.1	15.3
2005	29.4	20.5	11.0	9.7	17.2
2006	5.1	21.2	-0.1	7.7	8.9
2007	-4.1	-0.4	4.8	0.4	0.2
2008	-1.4	-6.0	1.0	4.3	-0.9
2009	-21.1	-33.7	-6.7	-11.8	-19.0
2010	61.4	32.0	-53.7	11.4	8.5
2011	-32.4	2.7	139.2	-4.4	6.2
2012	-4.6	22.7	10.1	19.3	13.0
2013	27.0	2.0	4.3	-2.1	5.7
2014	-1.3	0.9	-0.2	17.9	4.3
2015	33.8	9.6	14.8	-0.3	12.8
2016	6.8	5.4	-2.1	2.5	3.1
2017	12.2	2.4	6.6	11.7	7.9
2018	-7.7	40.5	6.7	1.2	10.9
2019	2.1	2.6	13.8	6.1	5.8
2020 1/	6.8	-40.5	38.9	Year to date	-3.2

1/ Q2 revised from previous *QSER*.

Net Individual Income tax includes declaration of estimated taxes plus payments with returns plus withholding tax on wages less refunds.

Table C-5. DECLARATION OF ESTIMATED TAXES - INDIVIDUAL

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	**Annual**
In Thousands of Dollars					
1982	10,662	15,533	8,515	4,669	39,379
1983	10,618	16,827	8,374	5,895	41,713
1984	11,135	19,527	9,844	6,048	46,555
1985	13,054	24,046	11,262	4,606	52,969
1986	18,072	24,902	10,270	11,276	64,520
1987	24,231	36,322	11,000	17,991	89,544
1988	32,825	46,532	19,783	20,040	119,180
1989	54,823	60,432	22,282	24,566	162,104
1990	54,441	54,768	31,377	29,780	170,366
1991	83,829	72,867	36,623	22,118	215,437
1992	49,738	68,535	31,351	17,657	167,281
1993	48,738	59,889	40,904	17,164	166,694
1994	46,629	60,087	31,385	16,766	154,867
1995	34,625	56,884	28,113	16,929	136,552
1996	35,618	63,964	30,363	21,420	151,365
1997	39,376	69,322	32,743	24,806	166,247
1998	41,013	83,620	40,061	29,539	194,233
1999	40,633	88,883	42,225	25,301	197,042
2000	58,812	90,171	42,780	26,298	218,061
2001	55,467	97,989	41,144	25,356	219,956
2002	57,223	75,652	37,421	25,121	195,417
2003	46,307	64,396	30,037	34,607	175,347
2004	57,186	114,939	56,255	36,491	264,871
2005	84,512	155,550	75,850	41,219	357,131
2006	96,491	213,304	66,214	50,670	426,679
2007	97,956	213,915	70,039	58,609	440,518
2008	101,818	199,732	63,003	32,882	397,434
2009	60,701	105,954	46,047	22,807	235,509
2010	60,678	127,797	25,123	36,794	250,392
2011	80,939	158,621	53,153	29,689	322,401
2012	69,104	212,524	69,243	44,505	395,376
2013	93,034	260,153	94,414	34,665	482,267
2014	101,955	214,397	68,310	64,723	449,385
2015	116,530	248,855	119,875	69,928	555,188
2016	124,311	244,555	85,733	75,286	529,884
2017	177,743	213,475	149,959	87,910	629,088
2018	185,385	276,762	114,327	72,152	648,627
2019	140,390	397,455	170,817	67,179	775,842
2020 1/	200,257	146,286	361,432	Year to date	707,974
Percentage Change from the Same Period in Previous Year					
1983	-0.4	8.3	-1.7	26.3	5.9
1984	4.9	16.0	17.6	2.6	11.6
1985	17.2	23.1	14.4	-23.8	13.8
1986	38.4	3.6	-8.8	144.8	21.8
1987	34.1	45.9	7.1	59.6	38.8
1988	35.5	28.1	79.8	11.4	33.1
1989	67.0	29.9	12.6	22.6	36.0
1990	-0.7	-9.4	40.8	21.2	5.1
1991	54.0	33.0	16.7	-25.7	26.5
1992	-40.7	-5.9	-14.4	-20.2	-22.4
1993	-2.0	-12.6	30.5	-2.8	-0.4
1994	-4.3	0.3	-23.3	-2.3	-7.1
1995	-25.7	-5.3	-10.4	1.0	-11.8
1996	2.9	12.4	8.0	26.5	10.8
1997	10.6	8.4	7.8	15.8	9.8
1998	4.2	20.6	22.3	19.1	16.8
1999	-0.9	6.3	5.4	-14.3	1.4
2000	44.7	1.4	1.3	3.9	10.7
2001	-5.7	8.7	-3.8	-3.6	0.9
2002	3.2	-22.8	-9.1	-0.9	-11.2
2003	-19.1	-14.9	-19.7	37.8	-10.3
2004	23.5	78.5	87.3	5.4	51.1
2005	47.8	35.3	34.8	13.0	34.8
2006	14.2	37.1	-12.7	22.9	19.5
2007	1.5	0.3	5.8	15.7	3.2
2008	3.9	-6.6	-10.0	-43.9	-9.8
2009	-40.4	-47.0	-26.9	-30.6	-40.7
2010	0.0	20.6	-45.4	61.3	6.3
2011	33.4	24.1	111.6	-19.3	28.8
2012	-14.6	34.0	30.3	49.9	22.6
2013	34.6	22.4	36.4	-22.1	22.0
2014	9.6	-17.6	-27.6	86.7	-6.8
2015	14.3	16.1	75.5	8.0	23.5
2016	6.7	-1.7	-28.5	7.7	-4.6
2017	43.0	-12.7	74.9	16.8	18.7
2018	4.3	29.6	-23.8	-17.9	3.1
2019	-24.3	43.6	49.4	-6.9	19.6
2020 1/	42.6	-63.2	111.6	Year to date	-0.1

1/ Q2 revised from previous *QSER*.
Source: Hawaii State Department of Taxation and <http://www.hawaii.gov/tax/a5_3txcolrpt.htm>.

Table C-6. PAYMENT WITH RETURNS - INDIVIDUAL

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	**Annual**
In Thousands of Dollars					
1982	3,124	20,064	1,572	1,224	25,984
1983	4,293	19,810	2,317	2,493	28,914
1984	4,545	24,776	2,671	2,792	34,784
1985	4,804	30,817	3,397	1,791	40,810
1986	3,381	32,043	4,365	3,256	43,046
1987	5,798	40,987	5,304	4,677	56,766
1988	7,483	47,588	7,327	5,765	68,163
1989	6,877	59,173	7,112	7,410	80,572
1990	6,756	50,732	8,199	7,647	73,334
1991	5,705	66,503	9,113	7,424	88,744
1992	9,151	58,339	7,405	7,033	81,928
1993	7,809	52,486	8,956	6,861	76,112
1994	9,388	44,085	7,194	7,849	68,517
1995	9,613	35,705	6,645	7,610	59,573
1996	8,725	43,125	7,072	7,452	66,374
1997	8,594	47,163	7,039	10,585	73,381
1998	10,673	65,897	9,645	7,731	93,947
1999	12,575	65,967	8,615	8,158	95,315
2000	10,645	64,651	9,596	8,747	93,639
2001	11,075	75,310	8,373	8,960	103,719
2002	16,571	77,080	8,196	7,867	109,713
2003	4,045	44,089	-17	13,231	61,347
2004	14,706	92,622	13,991	15,122	136,441
2005	17,867	105,939	20,867	22,669	167,342
2006	26,978	140,115	18,372	31,454	216,919
2007	66,773	113,364	15,933	17,124	213,194
2008	13,686	132,466	15,626	23,925	185,703
2009	16,097	79,707	29,250	40,052	165,106
2010	18,044	70,480	14,268	24,929	127,720
2011	17,711	80,847	10,306	19,069	127,932
2012	15,714	84,582	13,088	21,552	134,935
2013	12,448	102,190	13,723	28,018	156,379
2014	15,988	95,920	16,883	25,735	154,526
2015	19,877	118,647	18,206	32,414	189,143
2016	22,260	126,147	20,514	33,810	202,731
2017	25,329	112,245	18,999	36,017	192,590
2018	29,022	135,950	23,751	33,767	222,490
2019	38,831	165,974	24,815	50,039	279,659
2020 2/	41,907	72,019	136,353	Year to date	250,279
Percentage Change from the Same Period in Previous Year					
1983	37.4	-1.3	47.4	103.7	11.3
1984	5.8	25.1	15.3	12.0	20.3
1985	5.7	24.4	27.2	-35.8	17.3
1986	-29.6	4.0	28.5	81.8	5.5
1987	71.5	27.9	21.5	43.6	31.9
1988	29.1	16.1	38.1	23.3	20.1
1989	-8.1	24.3	-2.9	28.5	18.2
1990	-1.8	-14.3	15.3	3.2	-9.0
1991	-15.5	31.1	11.1	-2.9	21.0
1992	60.4	-12.3	-18.7	-5.3	-7.7
1993	-14.7	-10.0	20.9	-2.4	-7.1
1994	20.2	-16.0	-19.7	14.4	-10.0
1995	2.4	-19.0	-7.6	-3.1	-13.1
1996	-9.2	20.8	6.4	-2.1	11.4
1997	-1.5	9.4	-0.5	42.0	10.6
1998	24.2	39.7	37.0	-27.0	28.0
1999	17.8	0.1	-10.7	5.5	1.5
2000	-15.4	-2.0	11.4	7.2	-1.8
2001	4.0	16.5	-12.7	2.4	10.8
2002	49.6	2.4	-2.1	-12.2	5.8
2003	-75.6	-42.8	(1/)	68.2	-44.1
2004	263.6	110.1	(1/)	14.3	122.4
2005	21.5	14.4	49.1	49.9	22.6
2006	51.0	32.3	-12.0	38.8	29.6
2007	147.5	-19.1	-13.3	-45.6	-1.7
2008	-79.5	16.8	-1.9	39.7	-12.9
2009	17.6	-39.8	87.2	67.4	-11.1
2010	12.1	-11.6	-51.2	-37.8	-22.6
2011	-1.8	14.7	-27.8	-23.5	0.2
2012	-11.3	4.6	27.0	13.0	5.5
2013	-20.8	20.8	4.9	30.0	15.9
2014	28.4	-6.1	23.0	-8.1	-1.2
2015	24.3	23.7	7.8	26.0	22.4
2016	12.0	6.3	12.7	4.3	7.2
2017	13.8	-11.0	-7.4	6.5	-5.0
2018	14.6	21.1	25.0	-6.2	15.5
2019	33.8	22.1	4.5	48.2	25.7
2020 2/	7.9	-56.6	449.5	Year to date	9.0

1/ Percentage change involving negative values not meaningful.
2/ Q2 revised from previous *QSER*.
Source: Hawaii State Department of Taxation and <http://www.hawaii.gov/tax/a5_3txcolrpt.htm>.

Table C-7. WITHHOLDING TAX ON WAGES - INDIVIDUAL

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	**Annual**
In Thousands of Dollars					
1982	94,279	82,909	97,494	97,677	372,359
1983	103,313	97,717	105,636	96,360	403,025
1984	112,647	104,792	111,812	102,881	432,132
1985	114,606	111,848	118,662	113,646	458,763
1986	121,509	118,875	126,057	126,628	493,069
1987	134,033	133,524	135,160	140,521	543,239
1988	155,432	151,872	154,805	163,618	625,727
1989	180,767	174,513	174,237	187,230	716,747
1990	197,928	191,244	198,960	195,611	783,743
1991	227,136	205,838	221,287	215,702	869,962
1992	238,334	220,440	226,698	223,665	909,136
1993	255,001	230,927	233,087	230,764	949,779
1994	267,685	250,469	261,194	253,143	1,032,491
1995	277,740	254,134	266,301	253,661	1,051,836
1996	275,532	263,054	261,439	245,463	1,045,488
1997	260,823	244,151	247,865	253,504	1,006,343
1998	266,564	259,812	249,448	251,042	1,026,866
1999	257,327	234,529	242,458	242,843	977,157
2000	256,249	250,020	252,605	252,899	1,011,772
2001	269,733	247,723	259,321	248,574	1,025,351
2002	263,733	255,403	251,737	253,623	1,024,498
2003	280,874	259,948	266,017	266,842	1,073,681
2004	291,814	276,370	283,007	291,825	1,143,016
2005	349,489	285,420	302,274	311,439	1,248,622
2006	315,340	300,964	318,924	328,862	1,264,090
2007	302,253	329,610	330,102	350,484	1,312,449
2008	365,291	324,976	342,584	366,702	1,399,554
2009	346,959	342,393	330,818	327,396	1,347,566
2010	360,742	336,081	341,635	351,301	1,389,759
2011	363,193	362,028	359,267	364,262	1,448,750
2012	375,629	360,611	376,985	395,651	1,508,876
2013	402,762	386,928	388,840	404,942	1,583,472
2014	425,352	405,860	412,937	439,693	1,683,842
2015	435,563	440,317	438,402	442,605	1,756,888
2016	469,338	459,509	464,235	461,271	1,854,354
2017	525,779	465,064	460,630	515,552	1,967,025
2018	468,532	644,943	507,467	522,791	2,143,733
2019	547,265	524,730	528,430	552,222	2,152,647
2020 1/	571,532	479,059	522,049	Year to date	1,572,639
Percentage Change from the Same Period in Previous Year					
1983	9.6	17.9	8.4	-1.3	8.2
1984	9.0	7.2	5.8	6.8	7.2
1985	1.7	6.7	6.1	10.5	6.2
1986	6.0	6.3	6.2	11.4	7.5
1987	10.3	12.3	7.2	11.0	10.2
1988	16.0	13.7	14.5	16.4	15.2
1989	16.3	14.9	12.6	14.4	14.5
1990	9.5	9.6	14.2	4.5	9.3
1991	14.8	7.6	11.2	10.3	11.0
1992	4.9	7.1	2.4	3.7	4.5
1993	7.0	4.8	2.8	3.2	4.5
1994	5.0	8.5	12.1	9.7	8.7
1995	3.8	1.5	2.0	0.2	1.9
1996	-0.8	3.5	-1.8	-3.2	-0.6
1997	-5.3	-7.2	-5.2	3.3	-3.7
1998	2.2	6.4	0.6	-1.0	2.0
1999	-3.5	-9.7	-2.8	-3.3	-4.8
2000	-0.4	6.6	4.2	4.1	3.5
2001	5.3	-0.9	2.7	-1.7	1.3
2002	-2.2	3.1	-2.9	2.0	-0.1
2003	6.5	1.8	5.7	5.2	4.8
2004	3.9	6.3	6.4	9.4	6.5
2005	19.8	3.3	6.8	6.7	9.2
2006	-9.8	5.4	5.5	5.6	1.2
2007	-4.2	9.5	3.5	6.6	3.8
2008	20.9	-1.4	3.8	4.6	6.6
2009	-5.0	5.4	-3.4	-10.7	-3.7
2010	4.0	-1.8	3.3	7.3	3.1
2011	0.7	7.7	5.2	3.7	4.2
2012	3.4	-0.4	4.9	8.6	4.2
2013	7.2	7.3	3.1	2.3	4.9
2014	5.6	4.9	6.2	8.6	6.3
2015	2.4	8.5	6.2	0.7	4.3
2016	7.8	4.4	5.9	4.2	5.5
2017	12.0	1.2	-0.8	11.8	6.1
2018	-10.9	38.7	10.2	1.4	9.0
2019	16.8	-18.6	4.1	5.6	0.4
2020 1/	4.4	-8.7	-1.2	Year to date	-1.7

1/ Q2 revised from previous *QSER*.
Source: Hawaii State Department of Taxation and <http://www.hawaii.gov/tax/a5_3txcolrpt.htm>.

Table C-8. REFUNDS - INDIVIDUAL

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	**Annual**
In Thousands of Dollars					
1982	22,394	105,940	9,390	3,240	140,964
1983	23,912	80,171	8,405	3,092	115,580
1984	16,173	67,750	12,361	3,300	99,585
1985	23,898	66,411	7,630	4,045	101,983
1986	17,294	75,973	11,572	5,608	110,447
1987	29,669	67,208	12,692	5,253	114,821
1988	36,446	75,988	12,940	6,907	132,281
1989	37,421	83,099	26,911	10,025	157,456
1990	57,520	189,153	22,546	15,110	284,329
1991	64,072	158,990	26,586	23,534	273,182
1992	68,377	131,323	21,442	14,998	236,140
1993	77,680	131,627	19,994	11,879	241,180
1994	87,326	134,337	18,303	12,430	252,396
1995	97,385	192,411	24,001	15,352	329,150
1996	77,623	152,372	21,979	15,796	267,771
1997	81,384	147,168	18,050	14,370	260,971
1998	70,436	117,616	15,724	18,029	221,805
1999	71,929	112,987	15,334	15,407	215,656
2000	78,576	126,275	18,999	19,252	243,101
2001	70,442	136,711	19,415	22,141	248,709
2002	71,139	153,105	31,023	14,715	269,982
2003	77,145	122,634	21,674	17,563	239,016
2004	101,946	148,218	27,351	31,092	308,607
2005	113,276	142,267	37,092	32,715	325,350
2006	83,091	164,018	42,001	41,905	331,015
2007	125,799	168,375	37,040	55,809	387,024
2008	144,441	198,134	38,231	37,176	417,982
2009	158,255	223,816	48,946	49,563	480,579
2010	10,878	132,696	215,741	33,437	392,751
2011	171,949	189,107	27,302	50,104	438,463
2012	183,785	151,668	23,845	28,678	387,976
2013	156,920	233,088	42,956	43,538	476,503
2014	196,381	195,390	44,952	30,337	467,060
2015	107,740	236,847	56,037	46,497	447,121
2016	119,911	228,246	60,975	59,619	468,750
2017	172,500	174,588	86,562	69,097	502,747
2018	169,491	192,050	66,224	51,429	479,193
2019	202,234	200,398	64,863	57,061	524,556
2020 1/	253,639	169,182	103,948	Year to date	526,769
Percentage Change from the Same Period in Previous Year					
1983	6.8	-24.3	-10.5	-4.6	-18.0
1984	-32.4	-15.5	47.1	6.7	-13.8
1985	47.8	-2.0	-38.3	22.6	2.4
1986	-27.6	14.4	51.7	38.6	8.3
1987	71.6	-11.5	9.7	-6.3	4.0
1988	22.8	13.1	2.0	31.5	15.2
1989	2.7	9.4	108.0	45.1	19.0
1990	53.7	127.6	-16.2	50.7	80.6
1991	11.4	-15.9	17.9	55.7	-3.9
1992	6.7	-17.4	-19.3	-36.3	-13.6
1993	13.6	0.2	-6.8	-20.8	2.1
1994	12.4	2.1	-8.5	4.6	4.7
1995	11.5	43.2	31.1	23.5	30.4
1996	-20.3	-20.8	-8.4	2.9	-18.6
1997	4.8	-3.4	-17.9	-9.0	-2.5
1998	-13.5	-20.1	-12.9	25.5	-15.0
1999	2.1	-3.9	-2.5	-14.5	-2.8
2000	9.2	11.8	23.9	25.0	12.7
2001	-10.4	8.3	2.2	15.0	2.3
2002	1.0	12.0	59.8	-33.5	8.6
2003	8.4	-19.9	-30.1	19.4	-11.5
2004	32.1	20.9	26.2	77.0	29.1
2005	11.1	-4.0	35.6	5.2	5.4
2006	-26.6	15.3	13.2	28.1	1.7
2007	51.4	2.7	-11.8	33.2	16.9
2008	14.8	17.7	3.2	-33.4	8.0
2009	9.6	13.0	28.0	33.3	15.0
2010	-93.1	-40.7	340.8	-32.5	-18.3
2011	1,480.7	42.5	-87.3	49.8	11.6
2012	6.9	-19.8	-12.7	-42.8	-11.5
2013	-14.6	53.7	80.1	51.8	22.8
2014	25.1	-16.2	4.6	-30.3	-2.0
2015	-45.1	21.2	24.7	53.3	-4.3
2016	11.3	-3.6	8.8	28.2	4.8
2017	43.9	-23.5	42.0	15.9	7.3
2018	-1.7	10.0	-23.5	-25.6	-4.7
2019	19.3	4.3	-2.1	11.0	9.5
2020 1/	25.4	-15.6	60.3	Year to date	12.7

1/ Q2 revised from previous *QSER*.
Source: Hawaii State Department of Taxation and <http://www.hawaii.gov/tax/a5_3txcolrpt.htm>.

Table C-9. NET CORPORATE INCOME TAX REVENUES

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	**Annual**
In Thousands of Dollars					
1982	10,512	15,604	7,294	1,373	34,784
1983	6,455	9,343	11,331	831	27,960
1984	9,588	14,681	10,437	4,975	39,681
1985	7,521	21,903	11,552	3,097	44,074
1986	7,783	17,157	14,902	6,376	46,217
1987	13,646	26,593	17,857	9,176	67,272
1988	18,135	20,850	16,226	7,883	63,094
1989	23,553	24,709	18,757	5,690	72,710
1990	22,507	27,904	29,076	6,783	86,269
1991	23,720	36,369	11,090	-611	70,568
1992	17,439	15,863	11,156	-1,722	42,737
1993	6,535	13,374	13,514	-11,184	22,239
1994	10,452	26,213	9,133	-11,571	34,228
1995	12,869	19,818	12,030	-7,380	37,336
1996	15,451	28,338	9,910	-2,456	51,243
1997	18,055	32,330	10,594	-5,386	55,594
1998	10,592	30,408	15,479	-6,368	50,112
1999	7,428	26,104	14,119	41	47,692
2000	17,358	36,696	9,985	3,610	67,650
2001	17,933	29,265	11,224	-10,152	48,269
2002	18,655	25,751	4,267	6,700	55,373
2003	-25,417	22,712	8,154	-260	5,189
2004	12,022	36,737	15,156	11,257	75,171
2005	12,413	46,779	67,092	6,305	132,589
2006	1,330	55,282	22,781	7,582	86,975
2007	9,136	42,336	27,297	1,245	80,014
2008	14,593	41,946	17,117	2,945	76,602
2009	9,201	24,259	12,451	-9,229	36,683
2010	18,696	37,267	1,752	-4,900	52,815
2011	-8,202	45,923	10,662	-28,835	19,548
2012	33,542	57,658	21,335	160	112,695
2013	14,909	64,584	39,471	16,374	135,338
2014	-11,265	42,441	15,558	19,012	65,746
2015	9,632	8,118	50,082	8,630	76,462
2016	-17,278	51,601	18,476	36,898	89,697
2017	-31,911	53,298	32,139	-11,397	42,128
2018	14,562	33,708	22,188	43,810	114,268
2019	17,491	80,188	26,198	13,267	137,143
2020 1/	-24,900	-6,157	43,710	Year to date	12,652
Percentage Change from the Same Period in Previous Year					
1983	-38.6	-40.1	55.3	-39.5	-19.6
1984	48.5	57.1	-7.9	498.9	41.9
1985	-21.6	49.2	10.7	-37.7	11.1
1986	3.5	-21.7	29.0	105.9	4.9
1987	75.3	55.0	19.8	43.9	45.6
1988	32.9	-21.6	-9.1	-14.1	-6.2
1989	29.9	18.5	15.6	-27.8	15.2
1990	-4.4	12.9	55.0	19.2	18.6
1991	5.4	30.3	-61.9	(2/)	-18.2
1992	-26.5	-56.4	0.6	(2/)	-39.4
1993	-62.5	-15.7	21.1	(2/)	-48.0
1994	60.0	96.0	-32.4	(2/)	53.9
1995	23.1	-24.4	31.7	(2/)	9.1
1996	20.1	43.0	-17.6	(2/)	37.2
1997	16.9	14.1	6.9	(2/)	8.5
1998	-41.3	-5.9	46.1	(2/)	-9.9
1999	-29.9	-14.2	-8.8	(2/)	-4.8
2000	133.7	40.6	-29.3	8,776.4	41.8
2001	3.3	-20.3	12.4	(2/)	-28.6
2002	4.0	-12.0	-62.0	(2/)	14.7
2003	(2/)	-11.8	91.1	(2/)	-90.6
2004	(2/)	61.7	85.9	(2/)	1,348.7
2005	3.2	27.3	342.7	-44.0	76.4
2006	-89.3	18.2	-66.0	20.2	-34.4
2007	586.7	-23.4	19.8	-83.6	-8.0
2008	59.7	-0.9	-37.3	136.6	-4.3
2009	-36.9	-42.2	-27.3	(2/)	-52.1
2010	103.2	53.6	-85.9	(2/)	44.0
2011	(2/)	23.2	508.6	(2/)	-63.0
2012	(2/)	25.6	100.1	(2/)	476.5
2013	-55.6	12.0	85.0	10,135.3	20.1
2014	(1/)	-34.3	-60.6	16.1	-51.4
2015	(1/)	-80.9	221.9	-54.6	16.3
2016	(1/)	535.7	-63.1	327.5	17.3
2017	(1/)	3.3	73.9	(1/)	-53.0
2018	(1/)	-36.8	-31.0	(1/)	171.2
2019	20.1	137.9	18.1	-69.7	20.0
2020 1/	(1/)	(1/)	66.8	Year to date	-89.8

Net Corporation Income tax includes declaration of estimated taxes plus payments with returns less refund
1/ Q2 revised from previous *QSER* .
2/ Percentage change involving negative values not meaningful.
Source: Hawaii State Department of Taxation and <http://www.hawaii.gov/tax/a5_3txcolrpt.htm>.

Table C-10. DECLARATION OF ESTIMATED TAXES - CORPORATE

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	**Annual**
In Thousands of Dollars					
1982	10,316	13,980	7,696	3,914	35,906
1983	8,427	9,854	11,008	4,720	34,009
1984	10,363	14,272	10,343	5,435	40,414
1985	10,065	20,703	11,204	4,919	46,892
1986	6,899	16,141	13,783	8,228	45,051
1987	13,848	25,171	18,229	8,651	65,899
1988	18,559	21,577	17,944	8,733	66,813
1989	23,599	23,158	19,775	9,818	76,349
1990	24,238	29,810	29,837	15,853	99,738
1991	28,257	38,849	21,596	12,849	101,551
1992	23,809	20,506	17,337	12,358	74,012
1993	17,294	17,203	19,955	10,232	64,684
1994	18,048	29,934	19,092	10,075	77,149
1995	17,214	26,846	16,498	10,198	70,756
1996	22,423	30,651	15,409	12,077	80,559
1997	21,651	33,029	19,673	14,235	88,587
1998	15,930	33,419	19,273	13,035	81,657
1999	14,832	31,644	19,049	24,640	90,166
2000	19,221	41,845	19,007	15,475	95,548
2001	21,726	35,748	17,669	13,297	88,440
2002	31,607	30,666	12,620	12,787	87,680
2003	1,472	29,696	11,575	9,000	51,743
2004	21,573	39,223	26,425	15,353	102,574
2005	40,643	44,441	71,123	14,562	170,770
2006	17,670	58,440	36,772	32,610	145,492
2007	22,730	46,657	38,785	23,763	131,935
2008	24,662	44,253	24,155	16,015	109,084
2009	20,556	36,731	21,243	14,449	92,979
2010	23,764	37,399	13,358	19,745	94,266
2011	26,263	50,495	26,981	20,526	124,265
2012	25,427	52,449	25,769	26,266	129,910
2013	24,649	61,666	51,318	34,531	172,163
2014	27,105	49,087	27,317	38,576	142,085
2015	30,630	58,756	35,862	27,578	152,826
2016	39,998	57,125	33,213	50,461	180,797
2017	33,313	56,271	41,397	38,665	169,646
2018	24,495	96,113	48,171	46,335	215,115
2019	44,335	89,062	50,265	51,280	234,942
2020 1/	37,609	37,793	61,560	Year to date	136,962
Percentage Change from the Same Period in Previous Year					
1983	-18.3	-29.5	43.0	20.6	-5.3
1984	23.0	44.8	-6.0	15.1	18.8
1985	-2.9	45.1	8.3	-9.5	16.0
1986	-31.5	-22.0	23.0	67.3	-3.9
1987	100.7	55.9	32.3	5.1	46.3
1988	34.0	-14.3	-1.6	0.9	1.4
1989	27.2	7.3	10.2	12.4	14.3
1990	2.7	28.7	50.9	61.5	30.6
1991	16.6	30.3	-27.6	-19.0	1.8
1992	-15.7	-47.2	-19.7	-3.8	-27.1
1993	-27.4	-16.1	15.1	-17.2	-12.6
1994	4.4	74.0	-4.3	-1.5	19.3
1995	-4.6	-10.3	-13.6	1.2	-8.3
1996	30.3	14.2	-6.6	18.4	13.9
1997	-3.4	7.8	27.7	17.9	10.0
1998	-26.4	1.2	-2.0	-8.4	-7.8
1999	-6.9	-5.3	-1.2	89.0	10.4
2000	29.6	32.2	-0.2	-37.2	6.0
2001	13.0	-14.6	-7.0	-14.1	-7.4
2002	45.5	-14.2	-28.6	-3.8	-0.9
2003	-95.3	-3.2	-8.3	-29.6	-41.0
2004	1,365.4	32.1	128.3	70.6	98.2
2005	88.4	13.3	169.2	-5.2	66.5
2006	-56.5	31.5	-48.3	123.9	-14.8
2007	28.6	-20.2	5.5	-27.1	-9.3
2008	8.5	-5.2	-37.7	-32.6	-17.3
2009	-16.6	-17.0	-12.1	-9.8	-14.8
2010	15.6	1.8	-37.1	36.7	1.4
2011	10.5	35.0	102.0	4.0	31.8
2012	-3.2	3.9	-4.5	28.0	4.5
2013	-3.1	17.6	99.1	31.5	32.5
2014	10.0	-20.4	-46.8	11.7	-17.5
2015	13.0	19.7	31.3	-28.5	7.6
2016	30.6	-2.8	-7.4	83.0	18.3
2017	-16.7	-1.5	24.6	-23.4	-6.2
2018	-26.5	70.8	16.4	19.8	26.8
2019	81.0	-7.3	4.3	10.7	9.2
2020 1/	-15.2	-57.6	22.5	Year to date	-25.4

1/ Q2 revised from previous *QSER*.

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

Table C-11. PAYMENT WITH RETURNS - CORPORATE

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	**Annual**
In Thousands of Dollars					
1982	1,014	2,317	403	-668	3,065
1983	-1,131	306	1,221	-2,651	-2,255
1984	-58	1,417	763	38	2,159
1985	-1,552	1,889	1,210	240	1,787
1986	1,082	2,239	2,346	1,742	7,410
1987	2,517	2,994	1,864	3,495	10,870
1988	1,784	3,152	2,733	3,284	10,953
1989	2,169	3,867	2,062	3,349	11,447
1990	3,062	2,398	3,374	4,221	13,055
1991	3,335	4,006	2,303	2,708	12,352
1992	6,467	2,741	1,555	2,847	13,609
1993	4,321	1,881	2,899	2,150	11,252
1994	3,009	1,471	3,087	2,255	9,821
1995	1,925	1,531	1,796	1,640	6,891
1996	1,999	2,586	1,782	3,917	10,283
1997	2,273	3,481	2,126	2,410	10,290
1998	2,043	1,200	1,358	3,055	7,656
1999	2,469	1,588	1,573	2,199	7,828
2000	4,808	1,581	1,586	1,386	9,361
2001	2,329	1,707	2,466	5,929	12,430
2002	1,672	2,025	2,405	2,695	8,797
2003	-4,236	1,062	108	2,546	-521
2004	3,781	2,946	1,040	4,397	12,164
2005	2,803	11,174	2,553	4,337	20,867
2006	3,342	4,886	4,660	6,832	19,720
2007	3,791	7,369	2,779	6,646	20,585
2008	4,911	7,516	4,436	8,786	25,648
2009	2,288	7,798	4,452	4,691	19,229
2010	5,874	3,893	2,157	3,993	15,917
2011	2,793	5,039	2,789	4,889	15,510
2012	21,515	19,301	6,251	4,220	51,287
2013	4,159	5,956	3,979	4,185	18,279
2014	8,480	10,835	2,206	4,884	26,405
2015	8,121	-20,226	19,924	7,714	15,533
2016	4,089	7,731	2,919	16,553	31,292
2017	3,841	5,899	1,690	-18,018	-6,588
2018	120	-20,461	8,977	6,143	-5,221
2019	5,148	9,823	1,661	-428	16,204
2020 1/	2,311	4,348	10,395	Year to date	17,054
Percentage Change from the Same Period in Previous Year					
1983	(2/)	-86.8	203.2	(2/)	(2/)
1984	(2/)	362.5	-37.5	(2/)	(2/)
1985	(2/)	33.4	58.7	528.2	-17.2
1986	(2/)	18.5	93.8	627.0	314.6
1987	132.5	33.7	-20.5	100.6	46.7
1988	-29.1	5.3	46.6	-6.0	0.8
1989	21.6	22.7	-24.6	2.0	4.5
1990	41.2	-38.0	63.6	26.0	14.1
1991	8.9	67.0	-31.8	-35.8	-5.4
1992	93.9	-31.6	-32.5	5.1	10.2
1993	-33.2	-31.4	86.5	-24.5	-17.3
1994	-30.4	-21.8	6.5	4.9	-12.7
1995	-36.0	4.1	-41.8	-27.3	-29.8
1996	3.8	68.9	-0.8	138.8	49.2
1997	13.7	34.6	19.3	-38.5	0.1
1998	-10.1	-65.5	-36.1	26.8	-25.6
1999	20.8	32.4	15.8	-28.0	2.2
2000	94.7	-0.4	0.9	-37.0	19.6
2001	-51.6	7.9	55.4	327.8	32.8
2002	-28.2	18.6	-2.5	-54.5	-29.2
2003	(2/)	-47.6	-95.5	-5.5	(2/)
2004	(2/)	177.4	867.5	72.7	(2/)
2005	-25.9	279.3	145.4	-1.4	71.5
2006	19.2	-56.3	82.5	57.5	-5.5
2007	13.4	50.8	-40.4	-2.7	4.4
2008	29.5	2.0	59.6	32.2	24.6
2009	-53.4	3.8	0.4	-46.6	-25.0
2010	156.8	-50.1	-51.6	-14.9	-17.2
2011	-52.4	29.4	29.3	22.4	-2.6
2012	670.3	283.0	124.1	-13.7	230.7
2013	-80.7	-69.1	-36.3	-0.8	-64.4
2014	103.9	81.9	-44.6	16.7	44.5
2015	-4.2	(2/)	803.3	58.0	-41.2
2016	-49.6	(2/)	-85.4	114.6	101.5
2017	-6.1	-23.7	-42.1	(2/)	(2/)
2018	-96.9	(2/)	431.3	(2/)	(2/)
2019	4,192.5	(2/)	-81.5	(2/)	(2/)
2020 1/	-55.1	-55.7	526.0	Year to date	2.5

1/ Q2 revised from previous *QSER*.
2/ Percentage change involving negative numbers not meaningful.
Source: Hawaii State Department of Taxation and <http://www.hawaii.gov/tax/a5_3txcolrpt.htm>.

Table C-12. REFUNDS - CORPORATE

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	**Annual**
In Thousands of Dollars					
1982	818	694	804	1,872	4,188
1983	842	817	898	1,239	3,795
1984	717	1,007	668	499	2,892
1985	992	689	862	2,061	4,605
1986	199	1,224	1,227	3,594	6,244
1987	2,719	1,572	2,236	2,970	9,497
1988	2,208	3,879	4,451	4,134	14,672
1989	2,215	2,315	3,080	7,476	15,086
1990	4,793	4,304	4,135	13,291	26,524
1991	7,873	6,486	12,808	16,167	43,334
1992	12,837	7,385	7,736	16,927	44,884
1993	15,081	5,710	9,340	23,566	53,697
1994	10,605	5,192	13,045	23,901	52,742
1995	6,270	8,559	6,264	19,219	40,311
1996	8,971	4,899	7,281	18,449	39,599
1997	5,868	4,180	11,205	22,030	43,283
1998	7,381	4,210	5,151	22,459	39,201
1999	9,873	7,128	6,503	26,798	50,302
2000	6,670	6,730	10,608	13,251	37,259
2001	6,122	8,190	8,911	29,378	52,602
2002	14,624	6,941	10,758	8,782	41,104
2003	22,654	8,046	3,529	11,805	46,033
2004	13,332	5,432	12,309	8,493	39,567
2005	31,033	8,836	6,585	12,594	59,048
2006	19,682	8,043	18,651	31,861	78,237
2007	17,385	11,691	14,267	29,164	72,507
2008	14,979	9,822	11,474	21,855	58,130
2009	13,642	20,270	13,243	28,369	75,525
2010	10,942	4,025	13,762	28,638	57,368
2011	37,258	9,611	19,108	54,250	120,227
2012	13,400	14,092	10,685	30,326	68,503
2013	13,898	3,038	15,827	22,341	55,104
2014	46,851	17,481	13,964	24,448	102,744
2015	29,119	30,413	5,703	26,662	91,897
2016	61,365	13,255	17,655	30,116	122,391
2017	69,066	8,872	10,948	32,044	120,929
2018	10,053	41,944	34,961	8,668	95,625
2019	31,993	18,698	25,727	37,585	114,003
2020	64,820	48,298	28,246	Year-to-Date	141,364
Percentage Change from the Same Period in Previous Year					
1983	2.9	17.7	11.6	-33.8	-9.4
1984	-14.8	23.3	-25.5	-59.7	-23.8
1985	38.3	-31.6	29.0	313.2	59.2
1986	-80.0	77.5	42.3	74.4	35.6
1987	1,269.8	28.4	82.3	-17.4	52.1
1988	-18.8	146.8	99.1	39.2	54.5
1989	0.3	-40.3	-30.8	80.9	2.8
1990	116.4	85.9	34.3	77.8	75.8
1991	64.2	50.7	209.7	21.6	63.4
1992	63.1	13.9	-39.6	4.7	3.6
1993	17.5	-22.7	20.7	39.2	19.6
1994	-29.7	-9.1	39.7	1.4	-1.8
1995	-40.9	64.9	-52.0	-19.6	-23.6
1996	43.1	-42.8	16.2	-4.0	-1.8
1997	-34.6	-14.7	53.9	19.4	9.3
1998	25.8	0.7	-54.0	1.9	-9.4
1999	33.8	69.3	26.2	19.3	28.3
2000	-32.4	-5.6	63.1	-50.6	-25.9
2001	-8.2	21.7	-16.0	121.7	41.2
2002	138.9	-15.3	20.7	-70.1	-21.9
2003	54.9	15.9	-67.2	34.4	12.0
2004	-41.1	-32.5	248.9	-28.1	-14.0
2005	132.8	62.7	-46.5	48.3	49.2
2006	-36.6	-9.0	183.2	153.0	32.5
2007	-11.7	45.4	-23.5	-8.5	-7.3
2008	-13.8	-16.0	-19.6	-25.1	-19.8
2009	-8.9	106.4	15.4	29.8	29.9
2010	-19.8	-80.1	3.9	0.9	-24.0
2011	240.5	138.8	38.8	89.4	109.6
2012	-64.0	46.6	-44.1	-44.1	-43.0
2013	3.7	-78.4	48.1	-26.3	-19.6
2014	237.1	475.5	-11.8	9.4	86.5
2015	-37.8	74.0	-59.2	9.1	-10.6
2016	110.7	-56.4	209.6	13.0	33.2
2017	12.5	-33.1	-38.0	6.4	-1.2
2018	-85.4	372.8	219.3	-72.9	-20.9
2019	218.3	-55.4	-26.4	333.6	19.2
2020	102.6	158.3	9.8	Year-to-Date	85.0

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

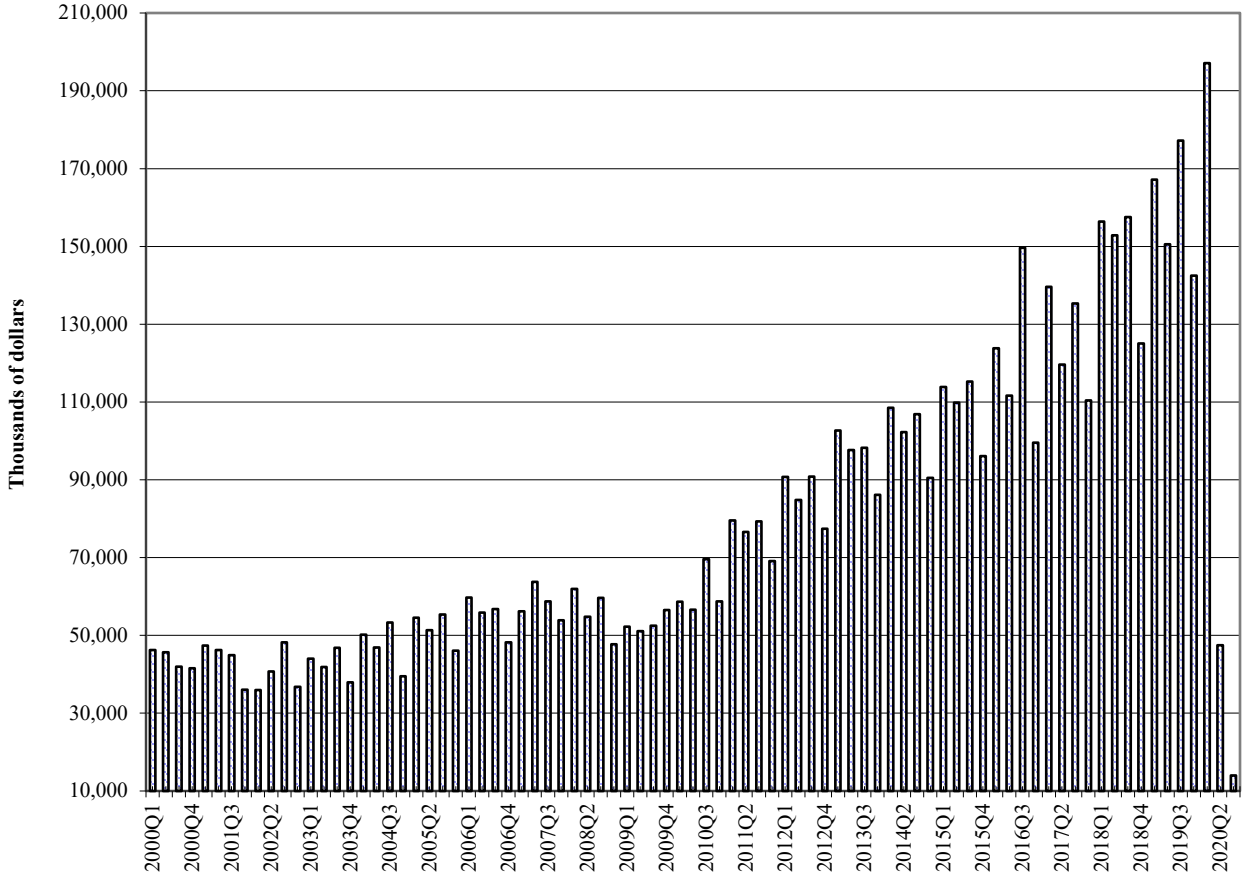
Table C-13. TRANSIENT ACCOMMODATIONS TAX REVENUES

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	**Annual**
In Thousands of Dollars					
1987 1/	7,216	16,294	16,164	13,554	53,228
1988	18,468	19,093	17,890	15,239	70,689
1989	20,823	22,022	18,438	19,712	80,995
1990	22,359	21,928	21,292	17,877	83,456
1991	20,926	19,127	20,019	17,859	77,931
1992	20,903	21,195	19,355	19,395	80,848
1993	20,893	20,665	17,156	16,692	75,406
1994 2/	22,909	19,765	22,254	21,570	86,497
1995	27,219	26,997	26,601	24,801	105,618
1996	34,193	30,146	32,397	27,246	123,983
1997	32,015	33,797	31,899	29,181	126,892
1998	34,047	31,949	31,231	28,655	125,882
1999 3/	37,219	39,428	40,767	35,953	153,367
2000	46,216	45,631	41,949	41,564	175,361
2001	47,423	46,228	44,900	36,049	174,601
2002	35,919	40,765	48,199	36,750	161,633
2003	44,038	41,878	46,802	37,963	170,681
2004	50,204	46,879	53,338	39,487	189,908
2005	54,583	51,366	55,381	46,052	207,381
2006	59,698	55,865	56,782	48,204	220,550
2007	56,161	63,784	58,726	53,871	232,542
2008	61,952	54,829	59,640	47,700	224,122
2009 4/	52,211	51,062	52,518	56,483	212,274
2010	58,631	56,610	69,617	58,703	243,562
2011	79,592	76,551	79,292	69,116	304,551
2012	90,752	84,780	90,859	77,389	343,780
2013	102,663	97,645	98,264	86,148	384,720
2014	108,548	102,268	106,848	90,476	408,141
2015	113,836	109,810	115,292	96,088	435,025
2016	123,793	111,609	149,651	99,521	484,574
2017	139,611	119,573	135,310	110,404	504,898
2018	156,356	152,821	157,537	125,083	591,796
2019	167,156	150,535	177,232	142,453	637,375
2020 5/	197,145	47,469	13,958	Year-to-date	258,572
Percentage Change from the Same Period in Previous Year					
1988 1/	155.9	17.2	10.7	12.4	32.8
1989	12.7	15.3	3.1	29.4	14.6
1990	7.4	-0.4	15.5	-9.3	3.0
1991	-6.4	-12.8	-6.0	-0.1	-6.6
1992	-0.1	10.8	-3.3	8.6	3.7
1993	0.0	-2.5	-11.4	-13.9	-6.7
1994 2/	9.6	-4.4	29.7	29.2	14.7
1995	18.8	36.6	19.5	15.0	22.1
1996	25.6	11.7	21.8	9.9	17.4
1997	-6.4	12.1	-1.5	7.1	2.3
1998	6.3	-5.5	-2.1	-1.8	-0.8
1999 3/	9.3	23.4	30.5	25.5	21.8
2000	24.2	15.7	2.9	15.6	14.3
2001	2.6	1.3	7.0	-13.3	-0.4
2002	-24.3	-11.8	7.3	1.9	-7.4
2003	22.6	2.7	-2.9	3.3	5.6
2004	14.0	11.9	14.0	4.0	11.3
2005	8.7	9.6	3.8	16.6	9.2
2006	9.4	8.8	2.5	4.7	6.3
2007	-5.9	14.2	3.4	11.8	5.4
2008	10.3	-14.0	1.6	-11.5	-3.6
2009 4/	-15.7	-6.9	-11.9	18.4	-5.3
2010 4/	12.3	10.9	32.6	3.9	14.7
2011	35.8	35.2	13.9	17.7	25.0
2012	14.0	10.8	14.6	12.0	12.9
2013	13.1	15.2	8.1	11.3	11.9
2014	5.7	4.7	8.7	5.0	6.1
2015	4.9	7.4	7.9	6.2	6.6
2016	8.7	1.6	29.8	3.6	11.4
2017	12.8	7.1	-9.6	10.9	4.2
2018	12.0	27.8	16.4	13.3	17.2
2019	6.9	-1.5	12.5	13.9	7.7
2020 5/	17.9	-68.5	-92.1	Year-to-date	-47.8

1/ Tax collection for this category began in February 1987 and therefore a large increase in 1st Q 1988.
2/ Rate increased from 5% to 6% on July 1, 1994.
3/ Rate increased from 6% to 7.25% and tax base increased to include time-share units on January 1, 1
4/ Act 61, SLH 2009, increased the transient accommodations tax from 7.25% to 8.25% on July 1, 200 and on July 1, 2010 to 9.25%.
5/ Q2 revised from previous *QSER*.
Source: Hawaii State Department of Taxation <http://www6.hawaii.gov/tax/a5_3txcolrpt.htm>.

Figure 4. Transient Accommodations Tax Revenues

[Thousands of dollars]



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

Table C-14. RETAILING TAX BASE

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	**Annual**
In Thousands of Dollars					
1982	1,710,281	1,750,597	1,813,302	1,600,783	6,874,963
1983	1,948,082	1,885,630	1,830,416	1,774,065	7,438,193
1984	2,034,424	2,047,426	1,981,977	2,048,066	8,111,893
1985	2,148,440	2,101,998	2,136,843	2,111,973	8,499,254
1986	2,370,712	2,336,286	2,330,069	2,202,306	9,239,373
1987	2,392,313	2,277,522	2,374,945	2,404,893	9,449,673
1988	2,653,942	2,612,874	2,573,969	2,545,189	10,385,974
1989	3,016,917	2,814,070	2,884,282	2,892,510	11,607,779
1990	3,320,274	3,124,012	3,169,330	3,214,267	12,827,883
1991	3,658,962	3,068,027	3,525,630	3,145,763	13,398,382
1992	3,668,603	3,282,789	3,484,491	3,410,449	13,846,332
1993	3,617,266	3,394,978	3,594,944	3,368,861	13,976,049
1994	3,848,492	3,527,809	3,697,657	3,495,841	14,569,798
1995	3,931,088	3,576,608	3,845,592	3,696,824	15,050,113
1996	4,206,451	3,826,770	4,247,406	3,810,802	16,091,429
1997	4,030,822	4,023,946	3,968,269	3,950,919	15,973,955
1998	4,087,163	3,834,383	3,843,435	3,965,877	15,730,858
1999	4,050,978	3,992,427	4,024,697	3,889,277	15,957,379
2000	4,606,401	4,342,393	4,186,470	4,318,671	17,453,936
2001	4,669,056	4,297,529	4,387,085	4,469,628	17,823,297
2002	4,091,384	4,302,040	5,122,051	4,358,012	17,873,487
2003	4,668,769	4,657,861	4,812,325	4,696,086	18,835,041
2004	5,417,977	5,080,797	5,385,246	5,165,632	21,049,652
2005	6,081,366	5,945,365	6,197,716	5,632,927	23,857,373
2006	6,912,004	6,069,155	6,220,418	5,992,700	25,194,277
2007	6,727,451	6,568,361	6,643,955	6,509,009	26,448,776
2008	6,588,242	6,442,290	6,573,006	5,894,989	25,498,526
2009	5,986,987	5,863,222	5,847,500	5,869,743	23,567,451
2010	6,304,979	5,896,802	6,182,402	5,914,471	24,298,654
2011	6,941,789	6,847,961	7,051,703	6,908,811	27,750,265
2012	7,716,519	7,418,084	7,570,567	7,271,254	29,976,425
2013	7,197,579	7,596,756	7,531,736	7,340,944	29,667,015
2014	8,106,084	8,172,751	7,135,692	7,351,659	30,766,185
2015	7,574,591	7,925,270	8,308,361	7,254,487	31,062,710
2016	6,642,756	7,292,179	7,435,573	7,668,930	29,039,437
2017	8,226,357	7,415,644	8,676,570	8,408,707	32,727,278
2018	9,136,809	9,232,311	9,066,685	8,920,413	36,356,218
2019	9,348,183	9,465,708	9,486,712	9,158,455	37,459,057
2020	9,972,382	7,061,957	(NA)	Year-to-Date	17,034,339
Percentage Change from the Same Period in Previous Year					
1983	13.9	7.7	0.9	10.8	8.2
1984	4.4	8.6	8.3	15.4	9.1
1985	5.6	2.7	7.8	3.1	4.8
1986	10.3	11.1	9.0	4.3	8.7
1987	0.9	-2.5	1.9	9.2	2.3
1988	10.9	14.7	8.4	5.8	9.9
1989	13.7	7.7	12.1	13.6	11.8
1990	10.1	11.0	9.9	11.1	10.5
1991	10.2	-1.8	11.2	-2.1	4.4
1992	0.3	7.0	-1.2	8.4	3.3
1993	-1.4	3.4	3.2	-1.2	0.9
1994	6.4	3.9	2.9	3.8	4.2
1995	2.1	1.4	4.0	5.7	3.3
1996	7.0	7.0	10.4	3.1	6.9
1997	-4.2	5.2	-6.6	3.7	-0.7
1998	1.4	-4.7	-3.1	0.4	-1.5
1999	-0.9	4.1	4.7	-1.9	1.4
2000	13.7	8.8	4.0	11.0	9.4
2001	1.4	-1.0	4.8	3.5	2.1
2002	-12.4	0.1	16.8	-2.5	0.3
2003	14.1	8.3	-6.0	7.8	5.4
2004	16.0	9.1	11.9	10.0	11.8
2005	12.2	17.0	15.1	9.0	13.3
2006	13.7	2.1	0.4	6.4	5.6
2007	-2.7	8.2	6.8	8.6	5.0
2008	-2.1	-1.9	-1.1	-9.4	-3.6
2009	-9.1	-9.0	-11.0	-0.4	-7.6
2010	5.3	0.6	5.7	0.8	3.1

Table C-15. SERVICES TAX BASE

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	**Annual**
In Thousands of Dollars					
1982	448,031	497,732	497,222	462,083	1,905,068
1983	519,248	566,201	536,793	512,282	2,134,524
1984	560,466	619,006	599,583	589,360	2,368,415
1985	592,615	646,397	627,910	614,747	2,481,669
1986	660,272	703,850	714,171	705,876	2,784,169
1987	713,389	725,796	732,601	724,373	2,896,159
1988	773,998	837,229	813,591	862,897	3,287,715
1989	904,992	937,746	918,812	937,453	3,699,003
1990	1,020,581	1,106,744	1,061,941	1,087,610	4,276,876
1991	1,235,423	1,229,726	1,253,564	1,169,451	4,888,164
1992	1,260,576	1,279,770	1,284,820	1,207,516	5,032,682
1993	1,233,391	1,316,712	1,300,445	1,242,108	5,092,656
1994	1,359,555	1,300,699	1,413,352	1,197,238	5,270,844
1995	1,371,021	1,312,002	1,342,238	1,325,818	5,351,079
1996	1,372,410	1,433,612	1,480,344	1,331,660	5,618,027
1997	1,340,742	1,423,370	1,361,714	1,288,866	5,414,691
1998	1,391,578	1,405,487	1,393,036	1,354,900	5,545,001
1999	1,422,571	1,463,868	1,422,224	1,338,985	5,647,648
2000	1,511,314	1,549,332	1,510,073	1,474,977	6,045,695
2001	1,597,791	1,612,081	1,601,639	1,614,942	6,426,452
2002	1,635,523	1,701,907	1,812,937	1,681,279	6,831,646
2003	1,753,575	1,865,362	1,880,554	1,797,268	7,296,759
2004	2,011,484	2,039,851	2,035,240	2,021,673	8,108,248
2005	2,367,480	2,355,615	2,533,842	2,449,635	9,706,571
2006	2,667,163	2,663,755	2,795,145	2,598,776	10,724,839
2007	2,817,123	2,994,012	2,673,800	2,712,811	11,197,746
2008	2,816,835	2,869,281	2,844,864	2,668,630	11,199,610
2009	2,637,094	2,908,324	2,789,983	2,658,579	10,993,980
2010	2,892,003	2,812,988	2,954,857	2,696,496	11,356,344
2011	3,103,143	3,189,334	3,137,297	3,031,027	12,460,801
2012	3,255,487	3,272,797	3,217,792	3,152,552	12,898,627
2013	3,157,484	3,457,651	3,439,362	3,286,945	13,341,442
2014	3,516,467	3,551,825	3,072,965	3,386,420	13,527,677
2015	3,341,243	3,560,433	3,668,571	3,418,844	13,989,090
2016	3,041,871	3,537,823	3,489,721	3,481,649	13,551,064
2017	3,731,376	3,458,898	4,046,482	3,860,888	15,097,644
2018	4,187,407	4,280,390	4,179,277	4,016,273	16,663,348
2019	4,293,885	4,437,607	4,434,198	4,175,903	17,341,593
2020	4,499,486	3,640,661	(NA)	Year-to-Date	8,140,146
Percentage Change from the Same Period in Previous Year					
1983	15.9	13.8	8.0	10.9	12.0
1984	7.9	9.3	11.7	15.0	11.0
1985	5.7	4.4	4.7	4.3	4.8
1986	11.4	8.9	13.7	14.8	12.2
1987	8.0	3.1	2.6	2.6	4.0
1988	8.5	15.4	11.1	19.1	13.5
1989	16.9	12.0	12.9	8.6	12.5
1990	12.8	18.0	15.6	16.0	15.6
1991	21.1	11.1	18.0	7.5	14.3
1992	2.0	4.1	2.5	3.3	3.0
1993	-2.2	2.9	1.2	2.9	1.2
1994	10.2	-1.2	8.7	-3.6	3.5
1995	0.8	0.9	-5.0	10.7	1.5
1996	0.1	9.3	10.3	0.4	5.0
1997	-2.3	-0.7	-8.0	-3.2	-3.6
1998	3.8	-1.3	2.3	5.1	2.4
1999	2.2	4.2	2.1	-1.2	1.9
2000	6.2	5.8	6.2	10.2	7.0
2001	5.7	4.1	6.1	9.5	6.3
2002	2.4	5.6	13.2	4.1	6.3
2003	7.2	9.6	3.7	6.9	6.8
2004	14.7	9.4	8.2	12.5	11.1
2005	17.7	15.5	24.5	21.2	19.7
2006	12.7	13.1	10.3	6.1	10.5
2007	5.6	12.4	-4.3	4.4	4.4
2008	0.0	-4.2	6.4	-1.6	0.0
2009	-6.4	1.4	-1.9	-0.4	-1.8
2010	9.7	-3.3	5.9	1.4	3.3
2011	7.3	13.4	6.2	12.4	9.7
2012	4.9	2.6	2.6	4.0	3.5
2013	-3.0	5.6	6.9	4.3	3.4
2014	11.4	2.7	-10.7	3.0	1.4
2015	-5.0	0.2	19.4	1.0	3.4
2016	-9.0	-0.6	-4.9	1.8	-3.1
2017	22.7	-2.2	16.0	10.9	11.4
2018	12.2	23.8	3.3	4.0	10.4
2019	2.5	3.7	6.1	4.0	4.1
2020	4.8	-18.0	(NA)	Year-to-Date	-6.8

NA Not available.
Source: Hawaii State Department of Taxation <http://hawaii.gov/tax/a5_3txcolrpt.htm>.

Table C-16. CONTRACTING TAX BASE

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	**Annual**
In Thousands of Dollars					
1982	334,272	338,664	334,815	287,120	1,294,871
1983	340,254	359,006	334,889	319,256	1,353,405
1984	312,026	361,768	320,497	248,638	1,242,929
1985	257,651	311,747	364,373	433,962	1,367,733
1986	394,202	467,996	497,432	448,394	1,808,024
1987	450,880	484,490	521,333	546,353	2,003,056
1988	544,825	587,327	601,054	754,365	2,487,571
1989	640,644	757,843	795,745	918,614	3,112,846
1990	870,004	922,296	1,108,676	1,102,674	4,003,650
1991	1,126,100	1,043,738	1,164,504	999,709	4,334,051
1992	1,023,106	1,051,525	977,649	960,408	4,012,688
1993	964,878	960,832	965,176	912,719	3,803,605
1994	827,452	837,888	838,504	818,495	3,322,339
1995	776,553	760,576	751,328	845,053	3,133,510
1996	824,546	814,374	838,572	807,614	3,285,106
1997	685,943	777,106	734,054	747,325	2,944,427
1998	757,080	706,282	793,592	759,022	3,015,977
1999	732,065	736,979	758,140	764,017	2,991,201
2000	877,591	869,143	894,905	971,846	3,613,485
2001	920,452	918,441	893,249	1,034,262	3,766,404
2002	913,738	1,025,016	1,213,709	1,122,492	4,274,956
2003	1,122,284	1,139,346	1,179,566	1,095,127	4,536,323
2004	1,143,340	1,126,029	1,345,886	1,306,258	4,921,512
2005	1,440,933	1,429,833	1,608,131	1,545,100	6,023,997
2006	1,714,742	1,677,120	1,920,215	1,911,257	7,223,334
2007	1,990,972	2,081,107	1,924,935	2,075,898	8,072,912
2008	1,885,061	1,977,543	2,095,930	2,028,592	7,987,126
2009	1,779,892	1,726,610	1,580,058	1,555,100	6,641,660
2010	1,426,981	1,301,908	1,487,692	1,373,185	5,589,766
2011	1,382,930	1,443,626	1,468,186	1,542,702	5,837,445
2012	1,561,390	1,680,769	1,858,493	1,905,481	7,006,133
2013	1,847,561	1,935,348	1,844,945	1,702,106	7,329,960
2014	1,732,266	1,766,648	1,666,409	1,858,721	7,024,044
2015	1,801,389	1,995,322	2,212,250	2,103,276	8,112,238
2016	1,745,439	2,123,874	2,196,444	2,222,451	8,288,207
2017	2,170,743	1,828,288	2,206,070	2,179,257	8,384,358
2018	2,202,604	2,326,471	2,521,476	2,405,071	9,455,622
2019	2,349,369	2,430,306	2,445,243	2,384,357	9,609,276
2020	2,467,737	2,243,688	(NA)	Year-to-Date	4,711,425
Percentage Change from the Same Period in Previous Year					
1983	1.8	6.0	0.0	11.2	4.5
1984	-8.3	0.8	-4.3	-22.1	-8.2
1985	-17.4	-13.8	13.7	74.5	10.0
1986	53.0	50.1	36.5	3.3	32.2
1987	14.4	3.5	4.8	21.8	10.8
1988	20.8	21.2	15.3	38.1	24.2
1989	17.6	29.0	32.4	21.8	25.1
1990	35.8	21.7	39.3	20.0	28.6
1991	29.4	13.2	5.0	-9.3	8.3
1992	-9.1	0.7	-16.0	-3.9	-7.4
1993	-5.7	-8.6	-1.3	-5.0	-5.2
1994	-14.2	-12.8	-13.1	-10.3	-12.7
1995	-6.2	-9.2	-10.4	3.2	-5.7
1996	6.2	7.1	11.6	-4.4	4.8
1997	-16.8	-4.6	-12.5	-7.5	-10.4
1998	10.4	-9.1	8.1	1.6	2.4
1999	-3.3	4.3	-4.5	0.7	-0.8
2000	19.9	17.9	18.0	27.2	20.8
2001	4.9	5.7	-0.2	6.4	4.2
2002	-0.7	11.6	35.9	8.5	13.5
2003	22.8	11.2	-2.8	-2.4	6.1
2004	1.9	-1.2	14.1	19.3	8.5
2005	26.0	27.0	19.5	18.3	22.4
2006	19.0	17.3	19.4	23.7	19.9
2007	16.1	24.1	0.2	8.6	11.8
2008	-5.3	-5.0	8.9	-2.3	-1.1
2009	-5.6	-12.7	-24.6	-23.3	-16.8
2010	-19.8	-24.6	-5.8	-11.7	-15.8
2011	-3.1	10.9	-1.3	12.3	4.4
2012	12.9	16.4	26.6	23.5	20.0
2013	18.3	15.1	-0.7	-10.7	4.6
2014	-6.2	-8.7	-9.7	9.2	-4.2
2015	4.0	12.9	32.8	13.2	15.5
2016	-3.1	6.4	-0.7	5.7	2.2
2017	24.4	-13.9	0.4	-1.9	1.2
2018	1.5	27.2	14.3	10.4	12.8
2019	6.7	4.5	-3.0	-0.9	1.6
2020	5.0	-7.7	(NA)	Year-to-Date	-1.4

NA Not available.
Source: Hawaii State Department of Taxation <http://hawaii.gov/tax/a5_3txcolrpt.htm>.

Table C-17. HOTEL RENTALS TAX BASE

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	**Annual**
In Thousands of Dollars					
1982	195,584	243,439	209,859	196,044	844,926
1983	214,692	253,165	189,028	219,342	876,227
1984	232,715	275,023	246,471	230,309	984,518
1985	295,480	326,170	246,638	253,980	1,122,268
1986	275,501	359,893	297,845	279,543	1,212,782
1987	353,207	361,774	346,049	308,371	1,369,401
1988	400,643	361,727	328,343	318,178	1,408,891
1989	374,604	419,068	341,650	369,749	1,505,071
1990	419,848	417,017	377,150	358,979	1,572,994
1991	403,527	366,835	395,916	346,712	1,512,990
1992	409,099	424,199	406,846	381,607	1,621,751
1993	398,447	419,241	355,320	354,033	1,527,041
1994	436,808	417,732	421,288	390,579	1,666,406
1995	478,430	447,116	434,281	416,701	1,776,527
1996	518,041	518,184	548,120	473,455	2,057,800
1997	531,801	561,954	561,841	499,723	2,155,319
1998	584,846	550,858	524,625	486,887	2,147,217
1999	561,297	539,708	559,379	497,809	2,158,193
2000	637,549	622,051	580,275	579,412	2,419,287
2001	635,679	654,739	632,841	498,554	2,421,813
2002	490,145	563,821	672,811	500,563	2,227,341
2003	626,061	552,681	636,857	506,835	2,322,434
2004	680,980	619,439	662,828	554,810	2,518,058
2005	770,498	739,112	848,838	655,139	3,013,586
2006	918,681	828,551	979,459	726,568	3,453,259
2007	901,824	871,811	879,847	753,097	3,406,579
2008	881,770	806,297	829,303	613,389	3,130,759
2009	705,048	664,363	676,599	572,851	2,618,860
2010	719,362	637,699	768,600	629,353	2,755,013
2011	840,985	784,912	843,134	716,452	3,185,483
2012	969,649	901,307	986,042	809,327	3,666,325
2013	1,053,756	1,021,794	1,091,781	902,535	4,069,865
2014	1,195,930	1,088,813	1,060,966	968,378	4,314,087
2015	1,225,481	1,072,680	1,241,762	953,060	4,492,983
2016	1,165,451	1,081,514	1,204,144	1,051,277	4,502,385
2017	1,429,975	1,212,569	1,431,767	1,112,181	5,186,494
2018	1,505,887	1,477,271	1,496,958	1,164,070	5,644,187
2019	1,582,361	1,425,716	1,660,192	1,279,126	5,947,395
2020	1,805,785	469,428	(NA)	Year-to-Date	2,275,213
Percentage Change from the Same Period in Previous Year					
1983	9.8	4.0	-9.9	11.9	3.7
1984	8.4	8.6	30.4	5.0	12.4
1985	27.0	18.6	0.1	10.3	14.0
1986	-6.8	10.3	20.8	10.1	8.1
1987	28.2	0.5	16.2	10.3	12.9
1988	13.4	0.0	-5.1	3.2	2.9
1989	-6.5	15.9	4.1	16.2	6.8
1990	12.1	-0.5	10.4	-2.9	4.5
1991	-3.9	-12.0	5.0	-3.4	-3.8
1992	1.4	15.6	2.8	10.1	7.2
1993	-2.6	-1.2	-12.7	-7.2	-5.8
1994	9.6	-0.4	18.6	10.3	9.1
1995	9.5	7.0	3.1	6.7	6.6
1996	8.3	15.9	26.2	13.6	15.8
1997	2.7	8.4	2.5	5.5	4.7
1998	10.0	-2.0	-6.6	-2.6	-0.4
1999	-4.0	-2.0	6.6	2.2	0.5
2000	13.6	15.3	3.7	16.4	12.1
2001	-0.3	5.3	9.1	-14.0	0.1
2002	-22.9	-13.9	6.3	0.4	-8.0
2003	27.7	-2.0	-5.3	1.3	4.3
2004	8.8	12.1	4.1	9.5	8.4
2005	13.1	19.3	28.1	18.1	19.7
2006	19.2	12.1	15.4	10.9	14.6
2007	-1.8	5.2	-10.2	3.7	-1.4
2008	-2.2	-7.5	-5.7	-18.6	-8.1
2009	-20.0	-17.6	-18.4	-6.6	-16.4
2010	2.0	-4.0	13.6	9.9	5.2
2011	16.9	23.1	9.7	13.8	15.6
2012	15.3	14.8	16.9	13.0	15.1
2013	8.7	13.4	10.7	11.5	11.0
2014	13.5	6.6	-2.8	7.3	6.0
2015	2.5	-1.5	17.0	-1.6	4.1
2016	-4.9	0.8	-3.0	10.3	0.2
2017	22.7	12.1	18.9	5.8	15.2
2018	5.3	21.8	4.6	4.7	8.8
2019	5.1	-3.5	10.9	9.9	5.4
2020	14.1	-67.1	(NA)	Year-to-Date	-24.4

NA Not available.
Source: Hawaii State Department of Taxation <http://hawaii.gov/tax/a5_3txcolrpt.htm>.

D. TOURISM

Due to the impact of COVID-19, domestic visitor arrivals and international visitor arrivals both decreased in the third quarter of 2020. Due to longer lengths of stay, the daily visitor census decreased less than the decrease of visitor arrivals in the quarter.

The total number of visitor arrivals by air decreased 2,575,894 or 97.6 percent in the third quarter of 2020, compared to the same quarter of 2019 (Tables D-1 and D-2). The total average daily census was down 227,665 or 91.8 percent in the quarter. In the first three quarters of 2020, total visitor arrivals by air decreased 5,543,598 or 71.7 percent, while the average daily census decreased 167,243 or 67.4 percent from the same period of the previous year.

In the third quarter of 2020, total visitor arrivals on domestic flights decreased 1,827,057 or 96.8 percent compared to the same quarter of 2019 (Table D-3). In the first three quarters of 2020, domestic arrivals were down 3,911,747 or 71.3 percent from the same period of the previous year.

Arrivals on international flights decreased 748,837 or 99.6 percent in the third quarter of 2020 compared to the third quarter of 2019 (Table D-4). In the first three quarters of 2020, international arrivals decreased 1,631,850 or 72.6 percent from the same period of the previous year.

In terms of major market areas, from the third quarter of 2019 to the same period of 2020, arrivals from the U.S. West decreased 1,153,573 or 97.0 percent (Table D-5), arrivals from the U.S. East decreased 555,386 or 96.4 percent (Table D-6), and arrivals from Japan decreased 438,890 or 99.9 percent (Table D-7). In the first three quarters of 2020, arrivals from the U.S. West were down 2,483,995 or 72.1 percent; arrivals from the U.S. East were down 1,217,966 or 69.1 percent; and Japanese arrivals were down 878,830 or 74.9 percent from the same period of the previous year.

In the third quarter of 2020, the length of stay per visitor increased. Due to the longer length of stay, the average total daily visitor census decreased less than the decrease in visitor arrivals in the quarter. The total average daily visitor census was down 91.8 percent or 227,665 visitors per day in the third quarter of 2020, over the same quarter of 2019 (Table D-8). The domestic average daily census decreased 89.4 percent or 165,070 visitors per day (Table D-9), while the international average daily census decreased 99.1 percent or 62,595 visitors per day (Table D-10). In the first three quarters of 2020, the domestic average daily census decreased 121,608 or 66.1 percent; and the international average daily census declined 45,634 or 70.9 percent from the same period of the previous year.

According to the most recent data available, nominal visitor expenditures by air totaled $3,879.4 million in the first quarter of 2020, down 13.4 percent or $601.6 million from the same quarter of 2019 (Table D-11). In 2019, visitor expenditures increased $193.3 million or 1.1 percent from the previous year.

Total airline capacity, as measured by the number of available seats flown to Hawaii, decreased 85.7 percent or 2,982,054 seats (Table D-12) in the third quarter of 2020, domestic seats decreased 82.1 percent or 2,105,259 seats (Table D-13); international seats declined 95.8 percent or 876,795 seats (Table D-14), compared to the same quarter of 2019. In the first three quarters of 2020, the number of total available seats decreased 60.4 percent or 6,175,123 seats from the same period of the previous year.

In the third quarter of 2020, the statewide hotel occupancy rate averaged 20.7 percent, 62.1 percentage points lower than the same quarter of 2019 (Table D-15). In the first three quarters of 2020, the statewide hotel occupancy rate averaged 42.5 percent, 38.8 percentage points lower than the same period of the previous year.

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

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

Year	Visitor Arrivals 1/			Average Daily Visitor Census		
	Total	Domestic	International	**Total**	Domestic	International
1990	6,723,531	4,315,161	2,408,370	154,517	113,066	41,450
1991	6,518,460	4,068,508	2,449,952	147,323	105,686	41,637
1992	6,473,669	3,791,945	2,681,724	152,249	106,589	45,660
1993	6,070,995	3,570,059	2,500,936	147,498	100,430	47,068
1994	6,364,674	3,813,279	2,551,395	156,630	107,904	48,726
1995	6,546,759	3,743,474	2,803,285	157,098	105,649	51,450
1996	6,723,141	3,794,113	2,929,028	158,297	106,404	51,892
1997	6,761,135	3,890,798	2,870,337	157,187	108,019	49,168
1998	6,595,790	4,014,140	2,581,650	157,389	112,068	45,320
1999	6,741,037	4,255,621	2,485,416	164,439	117,998	46,441
2000	6,948,595	4,446,936	2,501,659	168,637	123,442	45,196
2001	6,303,789	4,224,321	2,079,468	158,247	118,106	40,141
2002	6,389,059	4,358,851	2,030,208	160,195	121,029	39,165
2003	6,380,439	4,531,289	1,849,150	161,048	123,389	37,659
2004	6,912,094	4,892,960	2,019,134	171,481	132,355	39,126
2005	7,416,574	5,313,281	2,103,293	185,445	144,396	41,049
2006	7,528,106	5,550,125	1,977,981	189,441	149,545	39,895
2007	7,496,820	5,582,530	1,914,290	189,412	150,960	38,452
2008	6,713,436	4,901,893	1,811,543	172,487	135,239	37,248
2009	6,420,448	4,672,001	1,748,447	165,082	129,100	35,983
2010	6,916,894	4,957,352	1,959,542	177,949	136,407	41,542
2011	7,174,397	5,127,291	2,047,106	185,824	142,027	43,797
2012	7,867,143	5,403,025	2,464,118	201,267	148,887	52,380
2013	8,003,474	5,405,300	2,598,174	202,876	149,213	53,663
2014	8,196,342	5,486,059	2,710,283	206,217	151,076	55,141
2015	8,563,018	5,782,140	2,780,878	213,934	156,026	57,908
2016	8,821,802	5,968,779	2,853,023	217,675	157,953	59,723
2017	9,277,613	6,239,748	3,037,865	229,063	164,273	64,791
2018	9,761,448	6,736,736	3,024,712	240,341	174,611	65,731
2019 2/	10,243,165	7,253,806	2,989,359	245,733	182,288	63,445
2001 1 Qtr.	1,715,088	1,079,787	635,301	176,954	126,606	50,348
2 Qtr.	1,673,990	1,129,578	544,413	159,596	120,781	38,816
3 Qtr.	1,647,049	1,091,324	555,725	162,674	119,887	42,787
4 Qtr.	1,267,662	923,632	344,030	134,185	105,365	28,821
2002 1 Qtr.	1,537,636	1,042,844	494,792	162,745	122,622	40,124
2 Qtr.	1,583,029	1,115,788	467,241	153,178	119,430	33,749
3 Qtr.	1,694,239	1,170,113	524,126	167,584	126,274	41,310
4 Qtr.	1,574,155	1,030,106	544,049	157,250	115,809	41,441
2003 1 Qtr.	1,562,878	1,049,338	513,540	163,475	118,886	44,588
2 Qtr.	1,501,363	1,168,919	332,444	150,775	123,760	27,016
3 Qtr.	1,719,130	1,234,881	484,249	171,357	131,942	39,415
4 Qtr.	1,597,067	1,078,150	518,917	158,528	118,874	39,654
2004 1 Qtr.	1,639,213	1,138,607	500,606	171,479	128,237	43,242
2 Qtr.	1,712,588	1,252,707	459,881	164,897	131,766	33,132
3 Qtr.	1,852,939	1,318,363	534,576	180,936	140,130	40,806
4 Qtr.	1,707,354	1,183,283	524,071	168,540	129,234	39,306
2005 1 Qtr.	1,821,151	1,279,704	541,447	192,126	146,732	45,394
2 Qtr.	1,787,046	1,304,549	482,497	172,635	137,683	34,952
3 Qtr.	1,995,901	1,452,425	543,476	196,484	153,816	42,667
4 Qtr.	1,812,476	1,276,603	535,873	180,542	139,332	41,209
2006 1 Qtr.	1,836,867	1,300,840	536,027	198,665	149,596	49,069
2 Qtr.	1,865,545	1,410,404	455,141	180,356	147,415	32,942
3 Qtr.	1,992,088	1,496,473	495,615	195,968	156,511	39,457
4 Qtr.	1,833,607	1,342,409	491,198	182,876	144,638	38,238
2007 1 Qtr.	1,826,527	1,323,255	503,272	193,365	149,663	43,701
2 Qtr.	1,856,609	1,434,445	422,164	184,702	150,976	33,726
3 Qtr.	2,002,719	1,491,746	510,973	195,509	156,793	38,716
4 Qtr.	1,810,966	1,333,085	477,881	184,106	146,380	37,727
2008 1 Qtr.	1,841,516	1,347,836	493,680	196,032	152,981	43,051
2 Qtr.	1,668,379	1,251,941	416,438	166,503	134,204	32,299
3 Qtr.	1,670,428	1,202,383	468,045	167,502	129,701	37,801
4 Qtr.	1,533,113	1,099,733	433,380	160,101	124,250	35,851
2009 1 Qtr.	1,568,857	1,106,530	462,327	169,946	130,386	39,561
2 Qtr.	1,595,081	1,232,085	362,996	161,808	130,589	31,219
3 Qtr.	1,715,358	1,253,208	462,150	169,752	133,326	36,426
4 Qtr.	1,541,152	1,080,178	460,974	158,893	122,142	36,751
2010 1 Qtr.	1,638,407	1,118,852	519,555	177,714	131,507	46,207
2 Qtr.	1,696,892	1,261,393	435,499	169,223	133,002	36,221
3 Qtr.	1,856,948	1,351,315	505,633	186,931	144,558	42,373
4 Qtr.	1,724,647	1,225,792	498,855	177,829	136,417	41,412
2011 1 Qtr.	1,781,445	1,241,338	540,107	196,827	146,802	50,025
2 Qtr.	1,724,205	1,297,685	426,520	173,967	138,108	35,858
3 Qtr.	1,872,833	1,335,712	537,121	186,064	143,099	42,965
4 Qtr.	1,795,914	1,252,556	543,358	186,549	140,159	46,391
2012 1 Qtr.	1,933,991	1,301,730	632,261	210,680	151,796	58,884
2 Qtr.	1,910,870	1,368,575	542,295	191,073	146,486	44,587
3 Qtr.	2,042,534	1,389,278	653,256	201,523	148,332	53,191
4 Qtr.	1,979,748	1,343,442	636,306	201,785	148,940	52,845
2013 1 Qtr.	2,022,871	1,356,149	666,722	216,218	156,744	59,474
2 Qtr.	1,974,892	1,399,913	574,979	194,526	148,513	46,013
3 Qtr.	2,077,453	1,392,557	684,896	205,127	149,990	55,138
4 Qtr.	1,928,258	1,256,681	671,577	195,832	141,761	54,072
2014 1 Qtr.	2,028,633	1,318,882	709,751	217,477	154,902	62,576
2 Qtr.	2,011,759	1,402,026	609,733	198,049	149,363	48,687
3 Qtr.	2,120,639	1,424,360	696,279	204,784	151,815	52,969
4 Qtr.	2,035,311	1,340,791	694,520	204,713	148,289	56,424
2015 1 Qtr.	2,097,862	1,371,980	725,882	224,128	158,420	65,709
2 Qtr.	2,145,806	1,513,399	632,407	208,378	157,721	50,657
3 Qtr.	2,197,037	1,483,636	713,401	212,094	154,700	57,394
4 Qtr.	2,122,312	1,413,124	709,188	211,299	153,335	57,963
2016 1 Qtr.	2,173,406	1,427,670	745,736	226,150	158,576	67,575
2 Qtr.	2,182,867	1,532,889	649,978	210,576	158,125	52,452
3 Qtr.	2,265,810	1,542,019	723,791	217,543	158,635	58,908
4 Qtr.	2,199,720	1,466,202	733,518	216,446	156,484	59,962
2017 1 Qtr.	2,233,387	1,451,371	782,016	235,110	162,699	72,411
2 Qtr.	2,318,012	1,617,920	700,092	224,262	166,207	58,055
3 Qtr.	2,399,481	1,621,643	777,838	228,534	165,431	63,103
4 Qtr.	2,326,733	1,548,814	777,919	228,427	162,740	65,687
2018 1 Qtr.	2,428,102	1,614,588	813,514	252,318	176,689	75,629
2 Qtr.	2,457,716	1,752,412	705,304	238,325	178,577	59,749
3 Qtr.	2,484,272	1,719,849	764,423	238,258	174,031	64,227
4 Qtr.	2,391,358	1,649,887	741,471	232,703	169,234	63,469
2019 1 Qtr.	2,487,105	1,682,020	805,085	251,520	178,065	73,454
2 Qtr.	2,607,041	1,915,973	691,068	244,561	188,140	56,420
3 Qtr.	2,639,669	1,887,558	752,111	247,924	184,744	63,180
4 Qtr.	2,509,350	1,768,255	741,095	239,040	178,173	60,866
2/ 2020 1 Qtr.	2,095,695	1,483,416	612,279	213,433	157,879	55,554
2/ 2 Qtr.	30,748	29,887	861	9,210	9,112	98
2/ 3 Qtr.	63,775	60,501	3,274	20,259	19,674	585

1/ Staying overnight or longer.
2/ 2020 data are preliminary.
Source: Hawaii State Department of Business, Economic Development & Tourism and <http://www.hawaii.gov/dbedt/info/visitor-stats/> and Hawaii Tourism Authority, Tourism Research.

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

Year	Visitor Arrivals 1/			Average Daily Visitor Census		
	Total	Domestic	International	**Total**	Domestic	International
Percentage Change from the Same Period in Previous Year						
1991	-3.1	-5.7	1.7	-4.7	-6.5	0.5
1992	-0.7	-6.8	9.5	3.3	0.9	9.7
1993	-6.2	-5.9	-6.7	-3.1	-5.8	3.1
1994	4.8	6.8	2.0	6.2	7.4	3.5
1995	2.9	-1.8	9.9	0.3	-2.1	5.6
1996	2.7	1.4	4.5	0.8	0.7	0.9
1997	0.6	2.5	-2.0	-0.7	1.5	-5.2
1998	-2.4	3.2	-10.1	0.1	3.7	-7.8
1999	2.2	6.0	-3.7	4.5	5.3	2.5
2000	3.1	4.5	0.7	2.6	4.6	-2.7
2001	-9.3	-5.0	-16.9	-6.2	-4.3	-11.2
2002	1.4	3.2	-2.4	1.2	2.5	-2.4
2003	-0.1	4.0	-8.9	0.5	1.9	-3.8
2004	8.3	8.0	9.2	6.5	7.3	3.9
2005	7.3	8.6	4.2	8.1	9.1	4.9
2006	1.5	4.5	-6.0	2.2	3.6	-2.8
2007	-0.4	0.6	-3.2	0.0	0.9	-3.6
2008	-10.4	-12.2	-5.4	-8.9	-10.4	-3.1
2009	-4.4	-4.7	-3.5	-4.3	-4.5	-3.4
2010	7.7	6.1	12.1	7.8	5.7	15.4
2011	3.7	3.4	4.5	4.4	4.1	5.4
2012	9.7	5.4	20.4	8.3	4.8	19.6
2013	1.7	0.0	5.4	0.8	0.2	2.4
2014	2.4	1.5	4.3	1.6	1.2	2.8
2015	4.5	5.4	2.6	3.7	3.3	5.0
2016	3.0	3.2	2.6	1.7	1.2	3.1
2017	5.2	4.5	6.5	5.2	4.0	8.5
2018	5.2	8.0	-0.4	4.9	6.3	1.5
2019 2/	4.9	7.7	-1.2	2.2	4.4	-3.5
2002 1 Qtr.	-10.3	-3.4	-22.1	-8.0	-3.1	-20.3
2 Qtr.	-5.4	-1.2	-14.2	-4.0	-1.1	-13.1
3 Qtr.	2.9	7.2	-5.7	3.0	5.3	-3.5
4 Qtr.	24.2	11.5	58.1	17.2	9.9	43.8
2003 1 Qtr.	1.6	0.6	3.8	0.4	-3.0	11.1
2 Qtr.	-5.2	4.8	-28.8	-1.6	3.6	-20.0
3 Qtr.	1.5	5.5	-7.6	2.3	4.5	-4.6
4 Qtr.	1.5	4.7	-4.6	0.8	2.6	-4.3
2004 1 Qtr.	4.9	8.5	-2.5	4.9	7.9	-3.0
2 Qtr.	14.1	7.2	38.3	9.4	6.5	22.6
3 Qtr.	7.8	6.8	10.4	5.6	6.2	3.5
4 Qtr.	6.9	9.8	1.0	6.3	8.7	-0.9
2005 1 Qtr.	11.1	12.4	8.2	12.0	14.4	5.0
2 Qtr.	4.3	4.1	4.9	4.7	4.5	5.5
3 Qtr.	7.7	10.2	1.7	8.6	9.8	4.6
4 Qtr.	6.2	7.9	2.3	7.1	7.8	4.8
2006 1 Qtr.	0.9	1.7	-1.0	3.4	2.0	8.1
2 Qtr.	4.4	8.1	-5.7	4.5	7.1	-5.8
3 Qtr.	-0.2	3.0	-8.8	-0.3	1.8	-7.5
4 Qtr.	1.2	5.2	-8.3	1.3	3.8	-7.2
2007 1 Qtr.	-0.6	1.7	-6.1	-2.7	0.0	-10.9
2 Qtr.	-0.5	1.7	-7.2	2.4	2.4	2.4
3 Qtr.	0.5	-0.3	3.1	-0.2	0.2	-1.9
4 Qtr.	-1.2	-0.7	-2.7	0.7	1.2	-1.3
2008 1 Qtr.	0.8	1.9	-1.9	1.4	2.2	-1.5
2 Qtr.	-10.1	-12.7	-1.4	-9.9	-11.1	-4.2
3 Qtr.	-16.6	-19.4	-8.4	-14.3	-17.3	-2.4
4 Qtr.	-15.3	-17.5	-9.3	-13.0	-15.1	-5.0
2009 1 Qtr.	-14.8	-17.9	-6.4	-13.3	-14.8	-8.1
2 Qtr.	-4.4	-1.6	-12.8	-2.8	-2.7	-3.3
3 Qtr.	2.7	4.2	-1.3	1.3	2.8	-3.6
4 Qtr.	0.5	-1.8	6.4	-0.8	-1.7	2.5
2010 1 Qtr.	4.4	1.1	12.4	4.6	0.9	16.8
2 Qtr.	6.4	2.4	20.0	4.6	1.8	16.0
3 Qtr.	8.3	7.8	9.4	10.1	8.4	16.3
4 Qtr.	11.9	13.5	8.2	11.9	11.7	12.7
2011 1 Qtr.	8.7	10.9	4.0	10.8	11.6	8.3
2 Qtr.	1.6	2.9	-2.1	2.8	3.8	-1.0
3 Qtr.	0.9	-1.2	6.2	-0.5	-1.0	1.4
4 Qtr.	4.1	2.2	8.9	4.9	2.7	12.0
2012 1 Qtr.	8.6	4.9	17.1	7.0	3.4	17.7
2 Qtr.	10.8	5.5	27.1	9.8	6.1	24.3
3 Qtr.	9.1	4.0	21.6	8.3	3.7	23.8
4 Qtr.	10.2	7.3	17.1	8.2	6.3	13.9
2013 1 Qtr.	4.6	4.2	5.5	2.6	3.3	1.0
2 Qtr.	3.4	2.3	6.0	1.8	1.4	3.2
3 Qtr.	1.7	0.2	4.8	1.8	1.1	3.7
4 Qtr.	-2.6	-6.5	5.5	-3.0	-4.8	2.3
2014 1 Qtr.	0.3	-2.7	6.5	0.6	-1.2	5.2
2 Qtr.	1.9	0.2	6.0	1.8	0.6	5.8
3 Qtr.	2.1	2.3	1.7	-0.2	1.2	-3.9
4 Qtr.	5.6	6.7	3.4	4.5	4.6	4.4
2015 1 Qtr.	3.4	4.0	2.3	3.1	2.3	5.0
2 Qtr.	6.7	7.9	3.7	5.2	5.6	4.0
3 Qtr.	3.6	4.2	2.5	3.6	1.9	8.4
4 Qtr.	4.3	5.4	2.1	3.2	3.4	2.7
2016 1 Qtr.	3.6	4.1	2.7	0.9	0.1	2.8
2 Qtr.	1.7	1.3	2.8	1.1	0.3	3.5
3 Qtr.	3.1	3.9	1.5	2.6	2.5	2.6
4 Qtr.	3.6	3.8	3.4	2.4	2.1	3.4
2017 1 Qtr.	2.8	1.7	4.9	4.0	2.6	7.2
2 Qtr.	6.2	5.5	7.7	6.5	5.1	10.7
3 Qtr.	5.9	5.2	7.5	5.1	4.3	7.1
4 Qtr.	5.8	5.6	6.1	5.5	4.0	9.5
2018 1 Qtr.	8.7	11.2	4.0	7.3	8.6	4.4
2 Qtr.	6.0	8.3	0.7	6.3	7.4	2.9
3 Qtr.	3.5	6.1	-1.7	4.3	5.2	1.8
4 Qtr.	2.8	6.5	-4.7	1.9	4.0	-3.4
2019 1 Qtr.	2.4	4.2	-1.0	-0.3	0.8	-2.9
2 Qtr.	6.1	9.3	-2.0	2.6	5.4	-5.6
3 Qtr.	6.3	9.8	-1.6	4.1	6.2	-1.6
4 Qtr.	4.9	7.2	-0.1	2.7	5.3	-4.1
2/ 2020 1 Qtr.	-15.7	-11.8	-23.9	-15.1	-11.3	-24.4
2/ 2 Qtr.	-98.8	-98.4	-99.9	-96.2	-95.2	-99.8
2/ 3 Qtr.	-97.6	-96.8	-99.6	-91.8	-89.4	-99.1

1/ Staying overnight or longer.
2/ 2020 data are preliminary.
Source: Hawaii State Department of Business, Economic Development & Tourism and <http://www.hawaii.gov/dbedt/info/visitor-stats/> and Hawaii Tourism Authority, Tourism Research.

Table D-2. TOTAL VISITOR ARRIVALS - BY AIR

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	**Annual**
In Persons 1/					
1990	1,655,161	1,663,777	1,803,195	1,601,398	6,723,531
1991	1,447,222	1,623,820	1,847,875	1,599,544	6,518,460
1992	1,613,620	1,589,013	1,692,377	1,578,659	6,473,669
1993	1,548,386	1,460,771	1,575,663	1,486,175	6,070,995
1994	1,599,015	1,507,791	1,677,357	1,580,510	6,364,674
1995	1,591,918	1,566,221	1,765,085	1,623,535	6,546,759
1996	1,713,427	1,638,364	1,785,297	1,586,054	6,723,141
1997	1,704,050	1,616,539	1,798,790	1,641,757	6,761,135
1998	1,668,494	1,616,987	1,724,849	1,585,460	6,595,790
1999	1,688,751	1,615,842	1,799,719	1,636,726	6,741,037
2000	1,720,922	1,739,432	1,818,701	1,669,539	6,948,594
2001	1,715,088	1,673,990	1,647,049	1,267,662	6,303,789
2002	1,537,636	1,583,029	1,694,239	1,574,155	6,389,059
2003	1,562,878	1,501,363	1,719,130	1,597,067	6,380,439
2004	1,639,213	1,712,588	1,852,939	1,707,354	6,912,094
2005	1,821,151	1,787,046	1,995,901	1,812,476	7,416,574
2006	1,836,867	1,865,545	1,992,088	1,833,607	7,528,106
2007	1,826,527	1,856,609	2,002,719	1,810,966	7,496,820
2008	1,841,516	1,668,379	1,670,428	1,533,113	6,713,436
2009	1,568,857	1,595,081	1,715,358	1,541,152	6,420,448
2010	1,638,407	1,696,892	1,856,948	1,724,647	6,916,894
2011	1,781,445	1,724,205	1,872,833	1,795,914	7,174,397
2012	1,933,991	1,910,870	2,042,534	1,979,748	7,867,143
2013	2,022,871	1,974,892	2,077,453	1,928,258	8,003,474
2014	2,028,633	2,011,759	2,120,639	2,035,311	8,196,342
2015	2,097,862	2,145,806	2,197,037	2,122,312	8,563,018
2016	2,173,406	2,182,867	2,265,810	2,199,720	8,821,802
2017	2,233,387	2,318,012	2,399,481	2,326,733	9,277,613
2018	2,428,102	2,457,716	2,484,272	2,391,358	9,761,448
2019	2,487,105	2,607,041	2,639,669	2,509,350	10,243,165
2020 2/	2,095,695	30,748	63,775	Year-to-date	2,190,217
Percentage Change from the Same Period in Previous Year					
1991	-12.6	-2.4	2.5	-0.1	-3.1
1992	11.5	-2.1	-8.4	-1.3	-0.7
1993	-4.0	-8.1	-6.9	-5.9	-6.2
1994	3.3	3.2	6.5	6.3	4.8
1995	-0.4	3.9	5.2	2.7	2.9
1996	7.6	4.6	1.1	-2.3	2.7
1997	-0.5	-1.3	0.8	3.5	0.6
1998	-2.1	0.0	-4.1	-3.4	-2.4
1999	1.2	-0.1	4.3	3.2	2.2
2000	1.9	7.6	1.1	2.0	3.1
2001	-0.3	-3.8	-9.4	-24.1	-9.3
2002	-10.3	-5.4	2.9	24.2	1.4
2003	1.6	-5.2	1.5	1.5	-0.1
2004	4.9	14.1	7.8	6.9	8.3
2005	11.1	4.3	7.7	6.2	7.3
2006	0.9	4.4	-0.2	1.2	1.5
2007	-0.6	-0.5	0.5	-1.2	-0.4
2008	0.8	-10.1	-16.6	-15.3	-10.4
2009	-14.8	-4.4	2.7	0.5	-4.4
2010	4.4	6.4	8.3	11.9	7.7
2011	8.7	1.6	0.9	4.1	3.7
2012	8.6	10.8	9.1	10.2	9.7
2013	4.6	3.4	1.7	-2.6	1.7
2014	0.3	1.9	2.1	5.6	2.4
2015	3.4	6.7	3.6	4.3	4.5
2016	3.6	1.7	3.1	3.6	3.0
2017	2.8	6.2	5.9	5.8	5.2
2018	8.7	6.0	3.5	2.8	5.2
2019	2.4	6.1	6.3	4.9	4.9
2020 2/	-15.7	-98.8	-97.6	Year-to-date	-71.7

1/ Staying overnight or longer.
2/ 2020 data are preliminary.
Source: Hawaii State Department of Business, Economic Development & Tourism and <http://www.hawaii.gov/dbedt/info/visitor-stats/> and Hawaii Tourism Authority, Tourism Research.

Table D-3. DOMESTIC VISITOR ARRIVALS - BY AIR

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	**Annual**
In Persons 1/					
1990	1,039,445	1,108,654	1,151,752	1,015,310	4,315,161
1991	932,347	1,053,156	1,127,974	955,031	4,068,508
1992	922,725	948,382	976,407	944,431	3,791,945
1993	899,585	890,477	908,086	871,911	3,570,059
1994	936,856	951,487	988,317	936,619	3,813,279
1995	940,217	941,555	955,961	905,741	3,743,474
1996	962,066	976,277	991,937	863,833	3,794,113
1997	952,515	966,338	1,021,590	950,355	3,890,798
1998	973,221	1,035,106	1,040,587	965,226	4,014,140
1999	1,021,745	1,058,106	1,132,114	1,043,657	4,255,621
2000	1,070,247	1,165,262	1,159,909	1,051,518	4,446,936
2001	1,079,787	1,129,578	1,091,324	923,632	4,224,321
2002	1,042,844	1,115,788	1,170,113	1,030,106	4,358,851
2003	1,049,338	1,168,919	1,234,881	1,078,150	4,531,289
2004	1,138,607	1,252,707	1,318,363	1,183,283	4,892,960
2005	1,279,704	1,304,549	1,452,425	1,276,603	5,313,281
2006	1,300,840	1,410,404	1,496,473	1,342,409	5,550,125
2007	1,323,255	1,434,445	1,491,746	1,333,085	5,582,530
2008	1,347,836	1,251,941	1,202,383	1,099,733	4,901,893
2009	1,106,530	1,232,085	1,253,208	1,080,178	4,672,001
2010	1,118,852	1,261,393	1,351,315	1,225,792	4,957,352
2011	1,241,338	1,297,685	1,335,712	1,252,556	5,127,291
2012	1,301,730	1,368,575	1,389,278	1,343,442	5,403,025
2013	1,356,149	1,399,913	1,392,557	1,256,681	5,405,300
2014	1,318,882	1,402,026	1,424,360	1,340,791	5,486,059
2015	1,371,980	1,513,399	1,483,636	1,413,124	5,782,140
2016	1,427,670	1,532,889	1,542,019	1,466,202	5,968,779
2017	1,451,371	1,617,920	1,621,643	1,548,814	6,239,748
2018	1,614,588	1,752,412	1,719,849	1,649,887	6,736,736
2019	1,682,020	1,915,973	1,887,558	1,768,255	7,253,806
2020 2/	1,483,416	29,887	60,501	Year-to-date	1,573,804
Percentage Change from the Same Period in Previous Year					
1991	-10.3	-5.0	-2.1	-5.9	-5.7
1992	-1.0	-9.9	-13.4	-1.1	-6.8
1993	-2.5	-6.1	-7.0	-7.7	-5.9
1994	4.1	6.9	8.8	7.4	6.8
1995	0.4	-1.0	-3.3	-3.3	-1.8
1996	2.3	3.7	3.8	-4.6	1.4
1997	-1.0	-1.0	3.0	10.0	2.5
1998	2.2	7.1	1.9	1.6	3.2
1999	5.0	2.2	8.8	8.1	6.0
2000	4.7	10.1	2.5	0.8	4.5
2001	0.9	-3.1	-5.9	-12.2	-5.0
2002	-3.4	-1.2	7.2	11.5	3.2
2003	0.6	4.8	5.5	4.7	4.0
2004	8.5	7.2	6.8	9.8	8.0
2005	12.4	4.1	10.2	7.9	8.6
2006	1.7	8.1	3.0	5.2	4.5
2007	1.7	1.7	-0.3	-0.7	0.6
2008	1.9	-12.7	-19.4	-17.5	-12.2
2009	-17.9	-1.6	4.2	-1.8	-4.7
2010	1.1	2.4	7.8	13.5	6.1
2011	10.9	2.9	-1.2	2.2	3.4
2012	4.9	5.5	4.0	7.3	5.4
2013	4.2	2.3	0.2	-6.5	0.0
2014	-2.7	0.2	2.3	6.7	1.5
2015	4.0	7.9	4.2	5.4	5.4
2016	4.1	1.3	3.9	3.8	3.2
2017	1.7	5.5	5.2	5.6	4.5
2018	11.2	8.3	6.1	6.5	8.0
2019	4.2	9.3	9.8	7.2	7.7
2020 2/	-11.8	-98.4	-96.8	Year-to-date	-71.3

1/ Staying overnight or longer.
2/ 2020 data are preliminary.
Source: Hawaii State Department of Business, Economic Development & Tourism and <http://www.hawaii.gov/dbedt/info/visitor-stats/> and Hawaii Tourism Authority, Tourism Research.

Table D-4. INTERNATIONAL VISITOR ARRIVALS - BY AIR

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	**Annual**
In Thousands of Persons 1/					
1990	615,716	555,123	651,442	586,088	2,408,370
1991	514,875	570,664	719,901	644,512	2,449,952
1992	690,895	640,631	715,970	634,228	2,681,724
1993	648,801	570,294	667,577	614,264	2,500,936
1994	662,159	556,304	689,040	643,891	2,551,395
1995	651,701	624,666	809,124	717,794	2,803,285
1996	751,361	662,087	793,360	722,221	2,929,028
1997	751,535	650,201	777,200	691,402	2,870,337
1998	695,273	581,881	684,262	620,234	2,581,650
1999	667,006	557,736	667,605	593,069	2,485,416
2000	650,675	574,171	658,792	618,021	2,501,659
2001	635,301	544,413	555,725	344,030	2,079,468
2002	494,792	467,241	524,126	544,049	2,030,208
2003	513,540	332,444	484,249	518,917	1,849,150
2004	500,606	459,881	534,576	524,071	2,019,134
2005	541,447	482,497	543,476	535,873	2,103,293
2006	536,027	455,141	495,615	491,198	1,977,981
2007	503,272	422,164	510,973	477,881	1,914,290
2008	493,680	416,438	468,045	433,380	1,811,543
2009	462,327	362,996	462,150	460,974	1,748,447
2010	519,555	435,499	505,633	498,855	1,959,542
2011	540,107	426,520	537,121	543,358	2,047,106
2012	632,261	542,295	653,256	636,306	2,464,118
2013	666,722	574,979	684,896	671,577	2,598,174
2014	709,751	609,733	696,279	694,520	2,710,283
2015	725,882	632,407	713,401	709,188	2,780,878
2016	745,736	649,978	723,791	733,518	2,853,023
2017	782,016	700,092	777,838	777,919	3,037,865
2018	813,514	705,304	764,423	741,471	3,024,712
2019	805,085	691,068	752,111	741,095	2,989,359
2020 2/	612,279	861	3,274	Year-to-date	616,414
Percentage Change from the Same Period in Previous Year					
1991	-16.4	2.8	10.5	10.0	1.7
1992	34.2	12.3	-0.5	-1.6	9.5
1993	-6.1	-11.0	-6.8	-3.1	-6.7
1994	2.1	-2.5	3.2	4.8	2.0
1995	-1.6	12.3	17.4	11.5	9.9
1996	15.3	6.0	-1.9	0.6	4.5
1997	0.0	-1.8	-2.0	-4.3	-2.0
1998	-7.5	-10.5	-12.0	-10.3	-10.1
1999	-4.1	-4.1	-2.4	-4.4	-3.7
2000	-2.4	2.9	-1.3	4.2	0.7
2001	-2.4	-5.2	-15.6	-44.3	-16.9
2002	-22.1	-14.2	-5.7	58.1	-2.4
2003	3.8	-28.8	-7.6	-4.6	-8.9
2004	-2.5	38.3	10.4	1.0	9.2
2005	8.2	4.9	1.7	2.3	4.2
2006	-1.0	-5.7	-8.8	-8.3	-6.0
2007	-6.1	-7.2	3.1	-2.7	-3.2
2008	-1.9	-1.4	-8.4	-9.3	-5.4
2009	-6.4	-12.8	-1.3	6.4	-3.5
2010	12.4	20.0	9.4	8.2	12.1
2011	4.0	-2.1	6.2	8.9	4.5
2012	17.1	27.1	21.6	17.1	20.4
2013	5.5	6.0	4.8	5.5	5.4
2014	6.5	6.0	1.7	3.4	4.3
2015	2.3	3.7	2.5	2.1	2.6
2016	2.7	2.8	1.5	3.4	2.6
2017	4.9	7.7	7.5	6.1	6.5
2018	4.0	0.7	-1.7	-4.7	-0.4
2019	-1.0	-2.0	-1.6	-0.1	-1.2
2020 2/	-23.9	-99.9	-99.6	Year-to-date	-72.6

1/ Staying overnight or longer.
2/ 2020 data are preliminary.
Source: Hawaii State Department of Business, Economic Development & Tourism and <http://www.hawaii.gov/dbedt/info/visitor-stats/> and Hawaii Tourism Authority, Tourism Research.

Table D-5. VISITOR ARRIVALS - US WEST

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	**Annual**
In Persons 1/					
1989	466,373	541,491	577,419	540,178	2,125,460
1990	487,785	606,791	607,149	517,923	2,219,649
1991	432,094	588,140	673,083	532,521	2,225,838
1992	436,504	533,627	546,112	518,267	2,034,510
1993	449,967	505,363	493,791	460,690	1,909,811
1994	448,497	529,366	558,888	512,590	2,049,341
1995	453,939	528,594	560,206	492,591	2,035,329
1996	469,927	556,051	567,063	472,107	2,065,147
1997	438,959	539,591	574,317	518,555	2,071,423
1998	458,681	576,202	578,160	512,950	2,125,993
1999	492,934	595,307	649,293	571,304	2,308,838
2000	519,103	654,522	678,186	580,633	2,432,444
2001	536,370	645,139	649,202	541,359	2,372,070
2002	547,569	657,698	700,803	580,845	2,486,914
2003	543,030	696,887	751,194	618,751	2,609,862
2004	583,594	725,192	782,123	677,095	2,768,002
2005	662,916	760,780	867,512	741,284	3,032,492
2006	670,186	840,421	908,762	800,579	3,219,948
2007	717,131	843,873	894,178	789,525	3,244,707
2008	724,869	714,537	699,783	630,040	2,769,229
2009	595,438	731,767	756,228	635,384	2,718,818
2010	614,182	764,670	812,901	732,677	2,924,430
2011	667,394	787,267	799,648	740,423	2,994,731
2012	705,974	820,085	835,317	817,448	3,178,824
2013	765,146	859,294	825,826	761,163	3,211,429
2014	719,236	852,161	859,704	824,374	3,255,475
2015	793,786	934,257	904,188	875,421	3,507,652
2016	836,582	961,253	947,261	919,053	3,664,150
2017	857,363	1,019,889	1,002,550	988,393	3,868,195
2018	956,778	1,102,820	1,072,606	1,071,690	4,203,894
2019	1,028,938	1,229,375	1,189,235	1,147,771	4,595,319
2020 2/	908,883	19,007	35,662	Year-to-date	963,552
Percentage Change from the Same Period in Previous Year					
1990	4.6	12.1	5.1	-4.1	4.4
1991	-11.4	-3.1	10.9	2.8	0.3
1992	1.0	-9.3	-18.9	-2.7	-8.6
1993	3.1	-5.3	-9.6	-11.1	-6.1
1994	-0.3	4.7	13.2	11.3	7.3
1995	1.2	-0.1	0.2	-3.9	-0.7
1996	3.5	5.2	1.2	-4.2	1.5
1997	-6.6	-3.0	1.3	9.8	0.3
1998	4.5	6.8	0.7	-1.1	2.6
1999	7.5	3.3	12.3	11.4	8.6
2000	5.3	9.9	4.4	1.6	5.4
2001	3.3	-1.4	-4.3	-6.8	-2.5
2002	2.1	1.9	7.9	7.3	4.8
2003	-0.8	6.0	7.2	6.5	4.9
2004	7.5	4.1	4.1	9.4	6.1
2005	13.6	4.9	10.9	9.5	9.6
2006	1.1	10.5	4.8	8.0	6.2
2007	7.0	0.4	-1.6	-1.4	0.8
2008	1.1	-15.3	-21.7	-20.2	-14.7
2009	-17.9	2.4	8.1	0.8	-1.8
2010	3.1	4.5	7.5	15.3	7.6
2011	8.7	3.0	-1.6	1.1	2.4
2012	5.8	4.2	4.5	10.4	6.1
2013	8.4	4.8	-1.1	-6.9	1.0
2014	-6.0	-0.8	4.1	8.3	1.4
2015	10.4	9.6	5.2	6.2	7.7
2016	5.4	2.9	4.8	5.0	4.5
2017	2.5	6.1	5.8	7.5	5.6
2018	11.6	8.1	7.0	8.4	8.7
2019	7.5	11.5	10.9	7.1	9.3
2020 2/	-11.7	-98.5	-97.0	Year-to-date	-72.1

1/ Staying overnight or longer.
2/ 2020 data are preliminary.
Source: Hawaii State Department of Business, Economic Development & Tourism and <http://www.hawaii.gov/dbedt/info/visitor-stats/> and Hawaii Tourism Authority, Tourism Research.

Table D-6. VISITOR ARRIVALS - US EAST

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	**Annual**
In Persons 1/					
1989	596,938	510,969	482,240	469,476	2,059,623
1990	525,001	500,153	484,219	425,623	1,934,996
1991	472,752	499,120	485,440	433,816	1,891,128
1992	430,347	411,722	392,717	378,467	1,613,254
1993	431,203	345,339	326,984	316,080	1,419,605
1994	441,419	349,537	323,737	346,401	1,461,094
1995	417,332	340,176	346,984	353,115	1,457,608
1996	445,277	384,365	364,485	329,390	1,523,516
1997	411,704	342,756	337,163	352,723	1,444,346
1998	412,354	388,260	357,111	350,973	1,508,698
1999	452,146	394,559	372,747	381,785	1,601,238
2000	471,596	431,367	413,329	396,419	1,712,711
2001	475,569	420,960	363,767	327,868	1,588,164
2002	439,218	408,506	378,364	356,475	1,582,563
2003	439,470	416,640	417,243	380,003	1,653,356
2004	485,487	456,446	451,175	412,269	1,805,377
2005	534,048	474,085	488,325	432,836	1,929,294
2006	544,446	491,385	483,280	434,205	1,953,316
2007	510,399	501,066	479,856	410,181	1,901,502
2008	498,365	443,513	392,388	348,846	1,683,112
2009	412,539	415,079	395,517	338,334	1,561,468
2010	408,812	416,228	416,499	368,882	1,610,421
2011	445,330	412,478	409,962	374,509	1,642,279
2012	456,121	439,283	421,446	382,774	1,699,625
2013	458,123	441,287	433,683	368,760	1,701,852
2014	462,762	441,280	424,253	384,790	1,713,085
2015	470,119	473,975	439,892	419,683	1,803,670
2016	507,436	476,405	468,882	440,044	1,892,768
2017	523,877	532,738	508,803	475,376	2,040,795
2018	573,917	566,329	544,049	489,163	2,173,458
2019	587,678	598,683	576,341	513,818	2,276,520
2020 2/	514,309	9,472	20,956	Year-to-date	544,736
Percentage Change from the Same Period in Previous Year					
1990	-12.1	-2.1	0.4	-9.3	-6.1
1991	-10.0	-0.2	0.3	1.9	-2.3
1992	-9.0	-17.5	-19.1	-12.8	-14.7
1993	0.2	-16.1	-16.7	-16.5	-12.0
1994	2.4	1.2	-1.0	9.6	2.9
1995	-5.5	-2.7	7.2	1.9	-0.2
1996	6.7	13.0	5.0	-6.7	4.5
1997	-7.5	-10.8	-7.5	7.1	-5.2
1998	0.2	13.3	5.9	-0.5	4.5
1999	9.7	1.6	4.4	8.8	6.1
2000	4.3	9.3	10.9	3.8	7.0
2001	0.8	-2.4	-12.0	-17.3	-7.3
2002	-7.6	-3.0	4.0	8.7	-0.4
2003	0.1	2.0	10.3	6.6	4.5
2004	10.5	9.6	8.1	8.5	9.2
2005	10.0	3.9	8.2	5.0	6.9
2006	1.9	3.6	-1.0	0.3	1.2
2007	-6.3	2.0	-0.7	-5.5	-2.7
2008	-2.4	-11.5	-18.2	-15.0	-11.5
2009	-17.2	-6.4	0.8	-3.0	-7.2
2010	-0.9	0.3	5.3	9.0	3.1
2011	8.9	-0.9	-1.6	1.5	2.0
2012	2.4	6.5	2.8	2.2	3.5
2013	0.4	0.5	2.9	-3.7	0.1
2014	1.0	0.0	-2.2	4.3	0.7
2015	1.6	7.4	3.7	9.1	5.3
2016	7.9	0.5	6.6	4.9	4.9
2017	3.2	11.8	8.5	8.0	7.8
2018	9.6	6.3	6.9	2.9	6.5
2019	2.4	5.7	5.9	5.0	4.7
2020 2/	-12.5	-98.4	-96.4	Year-to-date	-69.1

1/ Staying overnight or longer.
2/ 2020 data are preliminary.
Source: Hawaii State Department of Business, Economic Development & Tourism and <http://www.hawaii.gov/dbedt/info/visitor-stats/> and Hawaii Tourism Authority, Tourism Research.

Table D-7. VISITOR ARRIVALS - JAPAN

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	**Annual**
In Persons 1/					
1989	345,803	307,901	380,100	326,446	1,360,249
1990	390,807	324,293	395,050	382,636	1,492,786
1991	286,006	321,777	442,532	388,269	1,438,585
1992	463,344	390,581	455,710	396,225	1,705,860
1993	380,443	368,229	473,076	444,527	1,666,275
1994	435,663	406,760	526,962	449,948	1,819,332
1995	463,858	472,995	591,904	519,654	2,048,411
1996	544,749	475,377	598,843	527,915	2,146,883
1997	560,956	497,754	626,863	531,317	2,216,890
1998	535,149	451,371	556,731	461,103	2,004,354
1999	468,374	412,403	526,292	418,518	1,825,587
2000	460,862	423,728	485,885	447,169	1,817,644
2001	452,715	413,455	434,059	228,334	1,528,563
2002	337,213	337,633	397,114	411,162	1,483,121
2003	353,386	224,748	363,338	398,561	1,340,033
2004	342,945	340,511	407,119	391,511	1,482,085
2005	386,239	347,289	403,439	380,472	1,517,439
2006	347,786	304,752	368,279	342,059	1,362,876
2007	314,009	282,784	373,081	326,549	1,296,423
2008	305,544	266,296	319,743	283,615	1,175,198
2009	297,070	235,161	330,311	305,538	1,168,080
2010	301,472	278,736	353,494	305,604	1,239,307
2011	304,221	241,751	372,293	323,540	1,241,805
2012	345,895	317,323	424,351	378,085	1,465,654
2013	375,544	325,479	427,726	389,768	1,518,517
2014	376,652	326,713	425,446	382,929	1,511,739
2015	354,237	327,688	420,938	379,440	1,482,304
2016	357,534	332,189	411,177	387,080	1,487,979
2017	376,884	341,870	435,119	371,471	1,525,343
2018	364,454	337,796	413,555	373,974	1,489,778
2019	374,929	359,306	439,242	402,728	1,576,205
2020 2/	294,228	67	353	Year-to-date	294,647
Percentage Change from the Same Period in Previous Year					
1990	13.0	5.3	3.9	17.2	9.7
1991	-26.8	-0.8	12.0	1.5	-3.6
1992	62.0	21.4	3.0	2.0	18.6
1993	-17.9	-5.7	3.8	12.2	-2.3
1994	14.5	10.5	11.4	1.2	9.2
1995	6.5	16.3	12.3	15.5	12.6
1996	17.4	0.5	1.2	1.6	4.8
1997	3.0	4.7	4.7	0.6	3.3
1998	-4.6	-9.3	-11.2	-13.2	-9.6
1999	-12.5	-8.6	-5.5	-9.2	-8.9
2000	-1.6	2.7	-7.7	6.8	-0.4
2001	-1.8	-2.4	-10.7	-48.9	-15.9
2002	-25.5	-18.3	-8.5	80.1	-3.0
2003	4.8	-33.4	-8.5	-3.1	-9.6
2004	-3.0	51.5	12.0	-1.8	10.6
2005	12.6	2.0	-0.9	-2.8	2.4
2006	-10.0	-12.2	-8.7	-10.1	-10.2
2007	-9.7	-7.2	1.3	-4.5	-4.9
2008	-2.7	-5.8	-14.3	-13.1	-9.4
2009	-2.8	-11.7	3.3	7.7	-0.6
2010	1.5	18.5	7.0	0.0	6.1
2011	0.9	-13.3	5.3	5.9	0.2
2012	13.7	31.3	14.0	16.9	18.0
2013	8.6	2.6	0.8	3.1	3.6
2014	0.3	0.4	-0.5	-1.8	-0.4
2015	-6.0	0.3	-1.1	-0.9	-1.9
2016	0.9	1.4	-2.3	2.0	0.4
2017	5.4	2.9	5.8	-4.0	2.5
2018	-3.3	-1.2	-5.0	0.7	-2.3
2019	2.9	6.4	6.2	7.7	5.8
2020 2/	-21.5	-100.0	-99.9	Year-to-date	-74.9

1/ Staying overnight or longer.
2/ 2020 data are preliminary. Q2 rounds to -100.0 percent.
Source: Hawaii State Department of Business, Economic Development & Tourism and <http://www.hawaii.gov/dbedt/info/visitor-stats/> and Hawaii Tourism Authority, Tourism Research.

Table D-8. AVERAGE DAILY VISITOR CENSUS - TOTAL

Year	*First Quarter*	*Second Quarter*	*Third Quarter*	*Fourth Quarter*	***Annual***
In Persons 1/					
1990	153,433	154,837	164,211	145,565	154,517
1991	133,709	148,630	164,788	141,881	147,323
1992	151,630	151,089	157,684	148,571	152,249
1993	152,152	143,526	151,195	143,177	147,498
1994	158,799	150,606	163,160	153,936	156,630
1995	156,122	152,567	165,953	153,680	157,098
1996	162,055	157,296	166,586	147,280	158,297
1997	159,456	152,281	165,342	151,665	157,187
1998	168,313	148,818	158,423	154,146	157,389
1999	174,588	151,621	169,672	161,956	164,439
2000	175,797	164,816	171,435	162,537	168,637
2001	176,954	159,596	162,674	134,185	158,247
2002	162,745	153,178	167,584	157,250	160,195
2003	163,475	150,775	171,357	158,528	161,048
2004	171,479	164,897	180,936	168,540	171,481
2005	192,126	172,635	196,484	180,542	185,445
2006	198,665	180,356	195,968	182,876	189,441
2007	193,365	184,702	195,509	184,106	189,412
2008	196,032	166,503	167,502	160,101	172,487
2009	169,946	161,808	169,752	158,893	165,082
2010	177,714	169,223	186,931	177,829	177,949
2011	196,827	173,967	186,064	186,549	185,824
2012	210,680	191,073	201,523	201,785	201,267
2013	216,218	194,526	205,127	195,832	202,876
2014	217,477	198,049	204,784	204,713	206,217
2015	224,128	208,378	212,094	211,299	213,934
2016	226,150	210,576	217,543	216,446	217,675
2017	235,110	224,262	228,534	228,427	229,063
2018	252,318	238,325	238,258	232,703	240,341
2019	251,520	244,561	247,924	239,040	245,733
2020 2/	213,433	9,210	20,259	Year-to-Date	80,746
Percentage Change from the Same Period in Previous Year					
1991	-12.9	-4.0	0.4	-2.5	-4.7
1992	13.4	1.7	-4.3	4.7	3.3
1993	0.3	-5.0	-4.1	-3.6	-3.1
1994	4.4	4.9	7.9	7.5	6.2
1995	-1.7	1.3	1.7	-0.2	0.3
1996	3.8	3.1	0.4	-4.2	0.8
1997	-1.6	-3.2	-0.7	3.0	-0.7
1998	5.6	-2.3	-4.2	1.6	0.1
1999	3.7	1.9	7.1	5.1	4.5
2000	0.7	8.7	1.0	0.4	2.6
2001	0.7	-3.2	-5.1	-17.4	-6.2
2002	-8.0	-4.0	3.0	17.2	1.2
2003	0.4	-1.6	2.3	0.8	0.5
2004	4.9	9.4	5.6	6.3	6.5
2005	12.0	4.7	8.6	7.1	8.1
2006	3.4	4.5	-0.3	1.3	2.2
2007	-2.7	2.4	-0.2	0.7	0.0
2008	1.4	-9.9	-14.3	-13.0	-8.9
2009	-13.3	-2.8	1.3	-0.8	-4.3
2010	4.6	4.6	10.1	11.9	7.8
2011	10.8	2.8	-0.5	4.9	4.4
2012	7.0	9.8	8.3	8.2	8.3
2013	2.6	1.8	1.8	-3.0	0.8
2014	0.6	1.8	-0.2	4.5	1.6
2015	3.1	5.2	3.6	3.2	3.7
2016	0.9	1.1	2.6	2.4	1.7
2017	4.0	6.5	5.1	5.5	5.2
2018	7.3	6.3	4.3	1.9	4.9
2019	-0.3	2.6	4.1	2.7	2.2
2020 2/	-15.1	-96.2	-91.8	Year-to-Date	-67.4

1/ Staying overnight or longer.

2/ 2020 data are preliminary.

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

Table D-9. AVERAGE DAILY VISITOR CENSUS - DOMESTIC

Year	*First Quarter*	*Second Quarter*	*Third Quarter*	*Fourth Quarter*	***Annual***
In Persons 1/					
1990	110,456	116,515	119,729	105,546	113,066
1991	98,222	109,730	116,248	98,425	105,686
1992	104,319	107,219	109,188	105,612	106,589
1993	102,631	100,476	101,349	97,312	100,430
1994	107,513	107,992	110,953	105,149	107,904
1995	107,614	106,582	107,037	101,414	105,649
1996	108,516	110,119	110,669	96,377	106,404
1997	107,247	107,608	112,524	104,678	108,019
1998	117,377	110,319	111,721	108,952	112,068
1999	120,018	112,905	121,730	117,326	117,998
2000	124,638	125,173	126,075	117,911	123,442
2001	126,606	120,781	119,887	105,365	118,106
2002	122,622	119,430	126,274	115,809	121,029
2003	118,886	123,760	131,942	118,874	123,389
2004	128,237	131,766	140,130	129,234	132,355
2005	146,732	137,683	153,816	139,332	144,396
2006	149,596	147,415	156,511	144,638	149,545
2007	149,663	150,976	156,793	146,380	150,960
2008	152,981	134,204	129,701	124,250	135,239
2009	130,386	130,589	133,326	122,142	129,100
2010	131,507	133,002	144,558	136,417	136,407
2011	146,802	138,108	143,099	140,159	142,027
2012	151,796	146,486	148,332	148,940	148,887
2013	156,744	148,513	149,990	141,761	149,213
2014	154,902	149,363	151,815	148,289	151,076
2015	158,420	157,721	154,700	153,335	156,026
2016	158,576	158,125	158,635	156,484	157,953
2017	162,699	166,207	165,431	162,740	164,273
2018	176,689	178,577	174,031	169,234	174,611
2019	178,065	188,140	184,744	178,173	182,288
2020 2/	157,879	9,112	19,674	Year-to-date	62,066
Percentage Change from the Same Period in Previous Year					
1991	-11.1	-5.8	-2.9	-6.7	-6.5
1992	6.2	-2.3	-6.1	7.3	0.9
1993	-1.6	-6.3	-7.2	-7.9	-5.8
1994	4.8	7.5	9.5	8.1	7.4
1995	0.1	-1.3	-3.5	-3.6	-2.1
1996	0.8	3.3	3.4	-5.0	0.7
1997	-1.2	-2.3	1.7	8.6	1.5
1998	9.4	2.5	-0.7	4.1	3.7
1999	2.3	2.3	9.0	7.7	5.3
2000	3.8	10.9	3.6	0.5	4.6
2001	1.6	-3.5	-4.9	-10.6	-4.3
2002	-3.1	-1.1	5.3	9.9	2.5
2003	-3.0	3.6	4.5	2.6	1.9
2004	7.9	6.5	6.2	8.7	7.3
2005	14.4	4.5	9.8	7.8	9.1
2006	2.0	7.1	1.8	3.8	3.6
2007	0.0	2.4	0.2	1.2	0.9
2008	2.2	-11.1	-17.3	-15.1	-10.4
2009	-14.8	-2.7	2.8	-1.7	-4.5
2010	0.9	1.8	8.4	11.7	5.7
2011	11.6	3.8	-1.0	2.7	4.1
2012	3.4	6.1	3.7	6.3	4.8
2013	3.3	1.4	1.1	-4.8	0.2
2014	-1.2	0.6	1.2	4.6	1.2
2015	2.3	5.6	1.9	3.4	3.3
2016	0.1	0.3	2.5	2.1	1.2
2017	2.6	5.1	4.3	4.0	4.0
2018	8.6	7.4	5.2	4.0	6.3
2019	0.8	5.4	6.2	5.3	4.4
2020 2/	-11.3	-95.2	-89.4	Year-to-date	-66.2

1/ Staying overnight or longer.
2/ 2020 data are preliminary.
Source: Hawaii State Department of Business, Economic Development & Tourism and <http://www.hawaii.gov/dbedt/info/visitor-stats/> and Hawaii Tourism Authority, Tourism Research.

Table D-10. AVERAGE DAILY VISITOR CENSUS - INTERNATIONAL

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	**Annual**
In Persons 1/					
1990	42,977	38,322	44,482	40,020	41,450
1991	35,487	38,900	48,540	43,457	41,637
1992	47,312	43,870	48,496	42,959	45,660
1993	49,520	43,050	49,846	45,865	47,068
1994	51,285	42,613	52,207	48,786	48,726
1995	48,508	45,985	58,916	52,266	51,450
1996	53,539	47,177	55,917	50,903	51,892
1997	52,209	44,673	52,819	46,988	49,168
1998	50,936	38,499	46,701	45,193	45,320
1999	54,570	38,716	47,942	44,630	46,441
2000	51,158	39,642	45,360	44,626	45,196
2001	50,348	38,816	42,787	28,821	40,141
2002	40,124	33,749	41,310	41,441	39,165
2003	44,588	27,016	39,415	39,654	37,659
2004	43,242	33,132	40,806	39,306	39,126
2005	45,394	34,952	42,667	41,209	41,049
2006	49,069	32,942	39,457	38,238	39,895
2007	43,701	33,726	38,716	37,727	38,452
2008	43,051	32,299	37,801	35,851	37,248
2009	39,561	31,219	36,426	36,751	35,983
2010	46,207	36,221	42,373	41,412	41,542
2011	50,025	35,858	42,965	46,391	43,797
2012	58,884	44,587	53,191	52,845	52,380
2013	59,474	46,013	55,138	54,072	53,663
2014	62,576	48,687	52,969	56,424	55,141
2015	65,709	50,657	57,394	57,963	57,908
2016	67,575	52,452	58,908	59,962	59,723
2017	72,411	58,055	63,103	65,687	64,791
2018	75,629	59,749	64,227	63,469	65,731
2019	73,454	56,420	63,180	60,866	63,445
2020 2/	55,554	98	585	Year-to-Date	18,679
Percentage Change from the Same Period in Previous Year					
1991	-17.4	1.5	9.1	8.6	0.5
1992	33.3	12.8	-0.1	-1.1	9.7
1993	4.7	-1.9	2.8	6.8	3.1
1994	3.6	-1.0	4.7	6.4	3.5
1995	-5.4	7.9	12.9	7.1	5.6
1996	10.4	2.6	-5.1	-2.6	0.9
1997	-2.5	-5.3	-5.5	-7.7	-5.2
1998	-2.4	-13.8	-11.6	-3.8	-7.8
1999	7.1	0.6	2.7	-1.2	2.5
2000	-6.3	2.4	-5.4	0.0	-2.7
2001	-1.6	-2.1	-5.7	-35.4	-11.2
2002	-20.3	-13.1	-3.5	43.8	-2.4
2003	11.1	-20.0	-4.6	-4.3	-3.8
2004	-3.0	22.6	3.5	-0.9	3.9
2005	5.0	5.5	4.6	4.8	4.9
2006	8.1	-5.8	-7.5	-7.2	-2.8
2007	-10.9	2.4	-1.9	-1.3	-3.6
2008	-1.5	-4.2	-2.4	-5.0	-3.1
2009	-8.1	-3.3	-3.6	2.5	-3.4
2010	16.8	16.0	16.3	12.7	15.4
2011	8.3	-1.0	1.4	12.0	5.4
2012	17.7	24.3	23.8	13.9	19.6
2013	1.0	3.2	3.7	2.3	2.4
2014	5.2	5.8	-3.9	4.4	2.8
2015	5.0	4.0	8.4	2.7	5.0
2016	2.8	3.5	2.6	3.4	3.1
2017	7.2	10.7	7.1	9.5	8.5
2018	4.4	2.9	1.8	-3.4	1.5
2019	-2.9	-5.6	-1.6	-4.1	-3.5
2020 2/	-24.4	-99.8	-99.1	Year-to-Date	-71.0

1/ Staying overnight or longer.
2/ 2020 data are preliminary.
Source: Hawaii State Department of Business, Economic Development & Tourism and <http://www.hawaii.gov/dbedt/info/visitor-stats/> and Hawaii Tourism Authority, Tourism Research.

Table D-11. VISITOR EXPENDITURES - BY AIR

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	**Annual**
In Thousands of Dollars 1/					
2003	2,468,001	2,202,398	2,594,522	2,579,493	9,844,414
2004	2,576,737	2,539,741	2,797,349	2,733,780	10,647,607
2005	2,820,132	2,673,379	3,158,543	2,998,127	11,650,180
2006	2,985,757	2,930,702	3,249,653	3,076,637	12,242,749
2007	3,114,704	3,015,353	3,280,691	3,167,506	12,578,254
2008	3,122,489	2,734,083	2,750,330	2,574,917	11,181,819
2009	2,567,984	2,326,803	2,450,464	2,449,038	9,794,289
2010	2,602,527	2,490,022	2,965,132	2,908,917	10,966,599
2011	3,110,565	2,740,109	3,063,151	3,133,576	12,047,402
2012	3,582,915	3,301,831	3,649,045	3,658,884	14,192,674
2013	3,795,826	3,367,871	3,644,906	3,543,838	14,352,441
2014	3,834,305	3,458,693	3,727,646	3,787,975	14,808,619
2015	3,819,968	3,630,552	3,718,208	3,769,772	14,938,499
2016	3,949,273	3,755,694	4,001,262	4,047,234	15,753,463
2017	4,252,251	3,971,023	4,186,748	4,212,316	16,622,337
2018	4,578,125	4,372,640	4,345,139	4,168,477	17,464,381
2019	4,481,063	4,347,732	4,433,427	4,395,474	17,657,697
2020 2/	3,879,416	(NA)	(NA)	Year-to-date Q1	3,879,416
Percentage Change from the Same Period in Previous Year					
2004	4.4	15.3	7.8	6.0	8.2
2005	9.4	5.3	12.9	9.7	9.4
2006	5.9	9.6	2.9	2.6	5.1
2007	4.3	2.9	1.0	3.0	2.7
2008	0.2	-9.3	-16.2	-18.7	-11.1
2009	-17.8	-14.9	-10.9	-4.9	-12.4
2010	1.3	7.0	21.0	18.8	12.0
2011	19.5	10.0	3.3	7.7	9.9
2012	15.2	20.5	19.1	16.8	17.8
2013	5.9	2.0	-0.1	-3.1	1.1
2014	1.0	2.7	2.3	6.9	3.2
2015	-0.4	5.0	-0.3	-0.5	0.9
2016	3.4	3.4	7.6	7.4	5.5
2017	7.7	5.7	4.6	4.1	5.5
2018	7.7	10.1	3.8	-1.0	5.1
2019	-2.1	-0.6	2.0	5.4	1.1
2020 2/	-13.4	(NA)	(NA)	Year-to-date Q1	-13.4

NA Not available.

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

2/ 2020 data are preliminary.

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

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

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	**Annual**
Total Seats (Scheduled + Chartered)					
1999	(NA)	(NA)	(NA)	(NA)	(NA)
2000	(NA)	(NA)	(NA)	(NA)	(NA)
2001	(NA)	(NA)	2,192,010	1,923,953	(NA)
2002	1,995,837	2,097,859	2,304,618	2,255,438	8,653,752
2003	2,225,300	2,087,538	2,339,117	2,224,956	8,876,911
2004	2,328,139	2,329,177	2,506,098	2,468,236	9,631,650
2005	2,571,187	2,617,980	2,642,047	2,477,098	10,308,312
2006	2,556,265	2,630,440	2,771,804	2,634,993	10,593,502
2007	2,629,341	2,591,214	2,653,122	2,530,151	10,403,828
2008	2,636,838	2,246,199	2,277,991	2,182,465	9,343,493
2009	2,154,749	2,235,548	2,263,754	2,132,670	8,786,721
2010	2,260,814	2,327,445	2,415,229	2,296,425	9,299,913
2011	2,354,347	2,326,988	2,395,944	2,315,012	9,392,291
2012	2,462,035	2,452,327	2,696,734	2,603,303	10,214,399
2013	2,731,273	2,687,642	2,797,923	2,679,977	10,896,815
2014	2,787,960	2,763,365	2,922,971	2,821,836	11,296,132
2015	2,944,353	3,007,594	3,055,627	2,930,152	11,937,726
2016	3,037,230	3,001,070	3,054,758	2,927,487	12,020,545
2017	2,987,920	3,016,375	3,161,450	3,069,863	12,235,608
2018	3,302,061	3,316,439	3,381,932	3,238,743	13,239,175
2019	3,337,280	3,412,897	3,479,974	3,389,198	13,619,349
2020	3,252,800	304,308	497,920	Year-to-Date	4,055,028
Scheduled Seats					
1999	2,166,977	2,076,688	2,241,009	2,251,245	8,735,919
2000	2,312,601	2,279,033	2,364,292	2,359,088	9,315,014
2001	2,297,909	2,132,015	2,113,464	1,867,016	8,410,404
2002	1,906,555	1,995,969	2,200,970	2,148,812	8,252,306
2003	2,161,729	2,016,915	2,257,507	2,121,619	8,557,770
2004	2,259,346	2,264,991	2,418,798	2,374,110	9,317,245
2005	2,496,267	2,564,740	2,577,441	2,385,158	10,023,606
2006	2,482,495	2,580,060	2,717,404	2,581,093	10,361,052
2007	2,561,381	2,545,294	2,595,892	2,488,131	10,190,698
2008	2,572,018	2,210,759	2,237,211	2,142,025	9,162,013
2009	2,126,021	2,210,420	2,238,295	2,102,037	8,676,773
2010	2,227,202	2,308,181	2,387,334	2,267,523	9,190,240
2011	2,326,688	2,303,612	2,364,133	2,281,389	9,275,822
2012	2,428,801	2,427,149	2,661,554	2,578,072	10,095,576
2013	2,690,206	2,659,002	2,765,575	2,653,936	10,768,719
2014	2,755,562	2,739,228	2,883,402	2,792,540	11,170,732
2015	2,919,243	2,985,730	3,027,796	2,900,671	11,833,440
2016	3,011,576	2,980,756	3,027,523	2,907,169	11,927,024
2017	2,966,915	2,996,155	3,140,541	3,046,928	12,150,539
2018	3,282,207	3,289,905	3,353,071	3,213,319	13,138,502
2019	3,318,733	3,383,887	3,457,560	3,363,984	13,524,164
2020	3,222,541	296,632	493,491	Year-to-Date	4,012,664
Chartered Seats					
1999	(NA)	(NA)	(NA)	(NA)	(NA)
2000	(NA)	(NA)	(NA)	(NA)	(NA)
2001	(NA)	(NA)	78,546	56,937	(NA)
2002	89,282	101,890	103,648	106,626	401,446
2003	63,571	70,623	81,610	103,337	319,141
2004	68,793	64,186	87,300	94,126	314,405
2005	74,920	53,240	64,606	91,940	284,706
2006	73,770	50,380	54,400	53,900	232,450
2007	67,960	45,920	57,230	42,020	213,130
2008	64,820	35,440	40,780	40,440	181,480
2009	28,728	25,128	25,459	30,633	109,948
2010	33,612	19,264	27,895	28,902	109,673
2011	27,659	23,376	31,811	33,623	116,469
2012	33,234	25,178	35,180	25,231	118,823
2013	41,067	28,640	32,348	26,041	128,096
2014	32,398	24,137	39,569	29,296	125,400
2015	25,110	21,864	27,831	29,481	104,286
2016	25,654	20,314	27,235	20,318	93,521
2017	21,005	20,220	20,909	22,935	85,069
2018	19,854	26,534	28,861	25,424	100,673
2019	18,547	29,010	22,414	25,214	95,185
2020	30,259	7,676	4,429	Year-to-Date	42,364

NA Not available.

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

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

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	**Annual**
[Percentage change from the same period in previous year]					
Total Seats (Scheduled + Chartered) - in percent					
2000	(NA)	(NA)	(NA)	(NA)	(NA)
2001	(NA)	(NA)	(NA)	(NA)	(NA)
2002	(NA)	(NA)	5.1	17.2	(NA)
2003	11.5	-0.5	1.5	-1.4	2.6
2004	4.6	11.6	7.1	10.9	8.5
2005	10.4	12.4	5.4	0.4	7.0
2006	-0.6	0.5	4.9	6.4	2.8
2007	2.9	-1.5	-4.3	-4.0	-1.8
2008	0.3	-13.3	-14.1	-13.7	-10.2
2009	-18.3	-0.5	-0.6	-2.3	-6.0
2010	4.9	4.1	6.7	7.7	5.8
2011	4.1	0.0	-0.8	0.8	1.0
2012	4.6	5.4	12.6	12.5	8.8
2013	10.9	9.6	3.8	2.9	6.7
2014	2.1	2.8	4.5	5.3	3.7
2015	5.6	8.8	4.5	3.8	5.7
2016	3.2	-0.2	0.0	-0.1	0.7
2017	-1.6	0.5	3.5	4.9	1.8
2018	10.5	9.9	7.0	5.5	8.2
2019	1.1	2.9	2.9	4.6	2.9
2020	-2.5	-91.1	-85.7	Year-to-Date	-60.4
Scheduled Seats - in percent					
2000	6.7	9.7	5.5	4.8	6.6
2001	-0.6	-6.5	-10.6	-20.9	-9.7
2002	-17.0	-6.4	4.1	15.1	-1.9
2003	13.4	1.0	2.6	-1.3	3.7
2004	4.5	12.3	7.1	11.9	8.9
2005	10.5	13.2	6.6	0.5	7.6
2006	-0.6	0.6	5.4	8.2	3.4
2007	3.2	-1.3	-4.5	-3.6	-1.6
2008	0.4	-13.1	-13.8	-13.9	-10.1
2009	-17.3	0.0	0.0	-1.9	-5.3
2010	4.8	4.4	6.7	7.9	5.9
2011	4.5	-0.2	-1.0	0.6	0.9
2012	4.4	5.4	12.6	13.0	8.8
2013	10.8	9.6	3.9	2.9	6.7
2014	2.4	3.0	4.3	5.2	3.7
2015	5.9	9.0	5.0	3.9	5.9
2016	3.2	-0.2	0.0	0.2	0.8
2017	-1.5	0.5	3.7	4.8	1.9
2018	10.6	9.8	6.8	5.5	8.1
2019	1.1	2.9	3.1	4.7	2.9
2020	-2.9	-91.2	-85.7	Year-to-Date	-60.5
Chartered Seats - in percent					
2000	(NA)	(NA)	(NA)	(NA)	(NA)
2001	(NA)	(NA)	(NA)	(NA)	(NA)
2002	(NA)	(NA)	32.0	87.3	(NA)
2003	-28.8	-30.7	-21.3	-3.1	-20.5
2004	8.2	-9.1	7.0	-8.9	-1.5
2005	8.9	-17.1	-26.0	-2.3	-9.4
2006	-1.5	-5.4	-15.8	-41.4	-18.4
2007	-7.9	-8.9	5.2	-22.0	-8.3
2008	-4.6	-22.8	-28.7	-3.8	-14.9
2009	-55.7	-29.1	-37.6	-24.3	-39.4
2010	17.0	-23.3	9.6	-5.7	-0.3
2011	-17.7	21.3	14.0	16.3	6.2
2012	20.2	7.7	10.6	-25.0	2.0
2013	23.6	13.8	-8.1	3.2	7.8
2014	-21.1	-15.7	22.3	12.5	-2.1
2015	-22.5	-9.4	-29.7	0.6	-16.8
2016	2.2	-7.1	-2.1	-31.1	-10.3
2017	-18.1	-0.5	-23.2	12.9	-9.0
2018	-5.5	31.2	38.0	10.9	18.3
2019	-6.6	9.3	-22.3	-0.8	-5.5
2020	63.1	-73.5	-80.2	Year-to-Date	-39.5

NA Not available.

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

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

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	**Annual**
Total Seats (Scheduled + Chartered)					
1999	(NA)	(NA)	(NA)	(NA)	(NA)
2000	(NA)	(NA)	(NA)	(NA)	(NA)
2001	(NA)	(NA)	1,401,305	1,283,898	(NA)
2002	1,324,661	1,406,941	1,565,011	1,497,980	5,794,593
2003	1,461,443	1,528,413	1,661,770	1,558,075	6,209,701
2004	1,654,050	1,682,217	1,773,314	1,724,617	6,834,198
2005	1,809,471	1,891,777	1,892,885	1,742,418	7,336,551
2006	1,808,635	1,958,862	2,060,688	1,898,119	7,726,304
2007	1,855,547	1,894,335	1,954,422	1,856,518	7,560,822
2008	1,949,847	1,636,823	1,657,331	1,560,743	6,804,744
2009	1,539,210	1,633,614	1,654,555	1,498,743	6,326,122
2010	1,572,490	1,718,216	1,791,648	1,659,178	6,741,532
2011	1,639,049	1,692,366	1,703,130	1,595,122	6,629,667
2012	1,627,240	1,706,459	1,873,359	1,772,984	6,980,042
2013	1,804,082	1,825,370	1,887,603	1,746,508	7,263,563
2014	1,806,392	1,875,149	2,038,800	1,906,284	7,626,625
2015	1,966,533	2,118,551	2,133,742	2,005,738	8,224,564
2016	2,042,791	2,104,694	2,161,008	2,006,965	8,315,458
2017	1,996,549	2,108,126	2,214,920	2,090,145	8,409,740
2018	2,274,133	2,376,759	2,394,892	2,242,794	9,288,578
2019	2,296,487	2,511,237	2,564,813	2,440,994	9,813,531
2020	2,369,831	268,899	459,554	Year-to-Date	3,098,284
Scheduled Seats					
1999	1,233,878	1,244,910	1,370,212	1,342,235	5,191,235
2000	1,413,788	1,423,766	1,483,918	1,453,831	5,775,303
2001	1,422,430	1,349,219	1,328,649	1,228,725	5,329,023
2002	1,258,617	1,322,385	1,471,423	1,409,133	5,461,558
2003	1,403,566	1,462,693	1,589,798	1,495,587	5,951,644
2004	1,598,197	1,629,951	1,700,354	1,648,491	6,576,993
2005	1,766,151	1,854,537	1,851,079	1,700,478	7,172,245
2006	1,769,075	1,918,882	2,019,848	1,858,219	7,566,024
2007	1,813,587	1,854,815	1,905,972	1,825,698	7,400,072
2008	1,908,987	1,603,763	1,626,551	1,531,103	6,670,404
2009	1,517,682	1,612,086	1,634,959	1,476,663	6,241,390
2010	1,553,170	1,700,552	1,773,708	1,640,962	6,668,392
2011	1,621,937	1,674,702	1,685,190	1,577,182	6,559,011
2012	1,608,748	1,689,899	1,858,179	1,758,080	6,914,906
2013	1,790,282	1,811,018	1,873,251	1,731,604	7,206,155
2014	1,781,028	1,851,306	2,017,260	1,886,710	7,536,304
2015	1,944,214	2,098,146	2,117,316	1,985,760	8,145,436
2016	2,024,558	2,086,927	2,145,779	1,990,623	8,247,887
2017	1,978,616	2,091,981	2,199,554	2,073,373	8,343,524
2018	2,257,480	2,357,528	2,379,540	2,225,085	9,219,633
2019	2,279,579	2,494,774	2,548,903	2,423,534	9,746,790
2020	2,353,271	262,331	457,274	Year-to-Date	3,072,876
Chartered Seats					
1999	(NA)	(NA)	(NA)	(NA)	(NA)
2000	(NA)	(NA)	(NA)	(NA)	(NA)
2001	(NA)	(NA)	72,656	55,173	(NA)
2002	66,044	84,556	93,588	88,847	333,035
2003	57,877	65,720	71,972	62,488	258,057
2004	55,853	52,266	72,960	76,126	257,205
2005	43,320	37,240	41,806	41,940	164,306
2006	39,640	41,260	40,840	39,900	161,640
2007	41,960	39,520	48,450	30,820	160,750
2008	40,860	33,060	30,780	29,640	134,340
2009	21,528	21,528	19,596	22,080	84,732
2010	19,320	17,664	17,940	18,216	73,140
2011	17,112	17,664	17,940	17,940	70,656
2012	18,492	16,560	15,180	14,904	65,136
2013	13,800	14,352	14,352	14,904	57,408
2014	25,364	23,843	21,540	19,574	90,321
2015	22,319	20,405	16,426	19,978	79,128
2016	18,233	17,767	15,229	16,342	67,571
2017	17,933	16,145	15,366	16,772	66,216
2018	16,653	19,231	15,352	17,709	68,945
2019	16,908	16,463	15,910	17,460	66,741
2020	16,560	6,568	2,280	Year-to-Date	25,408

NA Not available.

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

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

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	**Annual**
[Percentage change from the same period in previous year]					
Total Seats (Scheduled + Chartered) - in percent					
2000	(NA)	(NA)	(NA)	(NA)	(NA)
2001	(NA)	(NA)	(NA)	(NA)	(NA)
2002	(NA)	(NA)	11.7	16.7	(NA)
2003	10.3	8.6	6.2	4.0	7.2
2004	13.2	10.1	6.7	10.7	10.1
2005	9.4	12.5	6.7	1.0	7.4
2006	0.0	3.5	8.9	8.9	5.3
2007	2.6	-3.3	-5.2	-2.2	-2.1
2008	5.1	-13.6	-15.2	-15.9	-10.0
2009	-21.1	-0.2	-0.2	-4.0	-7.0
2010	2.2	5.2	8.3	10.7	6.6
2011	4.2	-1.5	-4.9	-3.9	-1.7
2012	-0.7	0.8	10.0	11.2	5.3
2013	10.9	7.0	0.8	-1.5	4.1
2014	0.1	2.7	8.0	9.1	5.0
2015	8.9	13.0	4.7	5.2	7.8
2016	3.9	-0.7	1.3	0.1	1.1
2017	-2.3	0.2	2.5	4.1	1.1
2018	13.9	12.7	8.1	7.3	10.5
2019	1.0	5.7	7.1	8.8	5.7
2020	3.2	-89.3	-82.1	Year-to-Date	-58.0
Scheduled Seats - in percent					
2000	14.6	14.4	8.3	8.3	11.3
2001	0.6	-5.2	-10.5	-15.5	-7.7
2002	-11.5	-2.0	10.7	14.7	2.5
2003	11.5	10.6	8.0	6.1	9.0
2004	13.9	11.4	7.0	10.2	10.5
2005	10.5	13.8	8.9	3.2	9.1
2006	0.2	3.5	9.1	9.3	5.5
2007	2.5	-3.3	-5.6	-1.8	-2.2
2008	5.3	-13.5	-14.7	-16.1	-9.9
2009	-20.5	0.5	0.5	-3.6	-6.4
2010	2.3	5.5	8.5	11.1	6.8
2011	4.4	-1.5	-5.0	-3.9	-1.6
2012	-0.8	0.9	10.3	11.5	5.4
2013	11.3	7.2	0.8	-1.5	4.2
2014	-0.5	2.2	7.7	9.0	4.6
2015	9.2	13.3	5.0	5.2	8.1
2016	4.1	-0.5	1.3	0.2	1.3
2017	-2.3	0.2	2.5	4.2	1.2
2018	14.1	12.7	8.2	7.3	10.5
2019	1.0	5.8	7.1	8.9	5.7
2020	3.2	-89.5	-82.1	Year-to-Date	-58.0
Chartered Seats - in percent					
2000	(NA)	(NA)	(NA)	(NA)	(NA)
2001	(NA)	(NA)	(NA)	(NA)	(NA)
2002	(NA)	(NA)	28.8	61.0	(NA)
2003	-12.4	-22.3	-23.1	-29.7	-22.5
2004	-3.5	-20.5	1.4	21.8	-0.3
2005	-22.4	-28.7	-42.7	-44.9	-36.1
2006	-8.5	10.8	-2.3	-4.9	-1.6
2007	5.9	-4.2	18.6	-22.8	-0.6
2008	-2.6	-16.3	-36.5	-3.8	-16.4
2009	-47.3	-34.9	-36.3	-25.5	-36.9
2010	-10.3	-17.9	-8.5	-17.5	-13.7
2011	-11.4	0.0	0.0	-1.5	-3.4
2012	8.1	-6.3	-15.4	-16.9	-7.8
2013	-25.4	-13.3	-5.5	0.0	-11.9
2014	83.8	66.1	50.1	31.3	57.3
2015	-12.0	-14.4	-23.7	2.1	-12.4
2016	-18.3	-12.9	-7.3	-18.2	-14.6
2017	-1.6	-9.1	0.9	2.6	-2.0
2018	-7.1	19.1	-0.1	5.6	4.1
2019	1.5	-14.4	3.6	-1.4	-3.2
2020	-2.1	-60.1	-85.7	Year-to-Date	-48.4

NA Not available.

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

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

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	**Annual**
Total Seats (Scheduled + Chartered)					
1999	(NA)	(NA)	(NA)	(NA)	(NA)
2000	(NA)	(NA)	(NA)	(NA)	(NA)
2001	(NA)	(NA)	790,705	640,055	(NA)
2002	671,176	690,918	739,607	757,458	2,859,159
2003	763,857	559,125	677,347	666,881	2,667,210
2004	674,089	646,960	732,784	743,619	2,797,452
2005	761,716	726,203	749,162	734,680	2,971,761
2006	747,630	671,578	711,116	736,874	2,867,198
2007	773,794	696,879	698,700	673,633	2,843,006
2008	686,991	609,376	620,660	621,722	2,538,749
2009	615,539	601,934	609,199	633,927	2,460,599
2010	688,324	609,229	623,581	637,247	2,558,381
2011	715,298	634,622	692,814	719,890	2,762,624
2012	834,795	745,868	823,375	830,319	3,234,357
2013	927,191	862,272	910,320	933,469	3,633,252
2014	981,568	888,510	884,171	915,552	3,669,801
2015	977,820	889,043	921,885	924,414	3,713,162
2016	994,439	896,376	893,750	920,522	3,705,087
2017	991,371	908,249	946,530	979,718	3,825,868
2018	1,027,928	939,680	987,040	995,949	3,950,597
2019	1,040,793	901,660	915,161	948,204	3,805,818
2020	882,969	35,409	38,366	Year-to-Date	956,744
Scheduled Seats					
1999	933,099	831,778	870,797	909,010	3,544,684
2000	898,813	855,267	880,374	905,257	3,539,711
2001	875,479	782,796	784,815	638,291	3,081,381
2002	647,938	673,584	729,547	739,679	2,790,748
2003	758,163	554,222	667,709	626,032	2,606,126
2004	661,149	635,040	718,444	725,619	2,740,252
2005	730,116	710,203	726,362	684,680	2,851,361
2006	713,420	661,178	697,556	722,874	2,795,028
2007	747,794	690,479	689,920	662,433	2,790,626
2008	663,031	606,996	610,660	610,922	2,491,609
2009	608,339	598,334	603,336	625,374	2,435,383
2010	674,032	607,629	613,626	626,561	2,521,848
2011	704,751	628,910	678,943	704,207	2,716,811
2012	820,053	737,250	803,375	819,992	3,180,670
2013	899,924	847,984	892,324	922,332	3,562,564
2014	974,534	887,922	866,142	905,830	3,634,428
2015	975,029	887,584	910,480	914,911	3,688,004
2016	987,018	893,829	881,744	916,546	3,679,137
2017	988,299	904,174	940,987	973,555	3,807,015
2018	1,024,727	932,377	973,531	988,234	3,918,869
2019	1,039,154	889,113	908,657	940,450	3,777,374
2020	869,270	34,301	36,217	Year-to-Date	939,788
Chartered Seats					
1999	(NA)	(NA)	(NA)	(NA)	(NA)
2000	(NA)	(NA)	(NA)	(NA)	(NA)
2001	(NA)	(NA)	5,890	1,764	(NA)
2002	23,238	17,334	10,060	17,779	68,411
2003	5,694	4,903	9,638	40,849	61,084
2004	12,940	11,920	14,340	18,000	57,200
2005	31,600	16,000	22,800	50,000	120,400
2006	34,210	10,400	13,560	14,000	72,170
2007	26,000	6,400	8,780	11,200	52,380
2008	23,960	2,380	10,000	10,800	47,140
2009	7,200	3,600	5,863	8,553	25,216
2010	14,292	1,600	9,955	10,686	36,533
2011	10,547	5,712	13,871	15,683	45,813
2012	14,742	8,618	20,000	10,327	53,687
2013	27,267	14,288	17,996	11,137	70,688
2014	7,034	588	18,029	9,722	35,373
2015	2,791	1,459	11,405	9,503	25,158
2016	7,421	2,547	12,006	3,976	25,950
2017	3,072	4,075	5,543	6,163	18,853
2018	3,201	7,303	13,509	7,715	31,728
2019	1,639	12,547	6,504	7,754	28,444
2020	13,699	1,108	2,149	Year-to-Date	16,956

NA Not available.

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

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

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	**Annual**
[Percentage change from the same period in previous year]					
Total Seats (Scheduled + Chartered) - in percent					
2000	(NA)	(NA)	(NA)	(NA)	(NA)
2001	(NA)	(NA)	(NA)	(NA)	(NA)
2002	(NA)	(NA)	-6.5	18.3	(NA)
2003	13.8	-19.1	-8.4	-12.0	-6.7
2004	-11.8	15.7	8.2	11.5	4.9
2005	13.0	12.2	2.2	-1.2	6.2
2006	-1.8	-7.5	-5.1	0.3	-3.5
2007	3.5	3.8	-1.7	-8.6	-0.8
2008	-11.2	-12.6	-11.2	-7.7	-10.7
2009	-10.4	-1.2	-1.8	2.0	-3.1
2010	11.8	1.2	2.4	0.5	4.0
2011	3.9	4.2	11.1	13.0	8.0
2012	16.7	17.5	18.8	15.3	17.1
2013	11.1	15.6	10.6	12.4	12.3
2014	5.9	3.0	-2.9	-1.9	1.0
2015	-0.4	0.1	4.3	1.0	1.2
2016	1.7	0.8	-3.1	-0.4	-0.2
2017	-0.3	1.3	5.9	6.4	3.3
2018	3.7	3.5	4.3	1.7	3.3
2019	1.3	-4.0	-7.3	-4.8	-3.7
2020	-15.2	-96.1	-95.8	Year-to-Date	-66.5
Scheduled Seats - in percent					
2000	-3.7	2.8	1.1	-0.4	-0.1
2001	-2.6	-8.5	-10.9	-29.5	-12.9
2002	-26.0	-14.0	-7.0	15.9	-9.4
2003	17.0	-17.7	-8.5	-15.4	-6.6
2004	-12.8	14.6	7.6	15.9	5.1
2005	10.4	11.8	1.1	-5.6	4.1
2006	-2.3	-6.9	-4.0	5.6	-2.0
2007	4.8	4.4	-1.1	-8.4	-0.2
2008	-11.3	-12.1	-11.5	-7.8	-10.7
2009	-8.2	-1.4	-1.2	2.4	-2.3
2010	10.8	1.6	1.7	0.2	3.6
2011	4.6	3.5	10.6	12.4	7.7
2012	16.4	17.2	18.3	16.4	17.1
2013	9.7	15.0	11.1	12.5	12.0
2014	8.3	4.7	-2.9	-1.8	2.0
2015	0.1	0.0	5.1	1.0	1.5
2016	1.2	0.7	-3.2	0.2	-0.2
2017	0.1	1.2	6.7	6.2	3.5
2018	3.7	3.1	3.5	1.5	2.9
2019	1.4	-4.6	-6.7	-4.8	-3.6
2020	-16.3	-96.1	-96.0	Year-to-Date	-66.9
Chartered Seats - in percent					
2000	(NA)	(NA)	(NA)	(NA)	(NA)
2001	(NA)	(NA)	(NA)	(NA)	(NA)
2002	(NA)	(NA)	70.8	907.9	(NA)
2003	-75.5	-71.7	-4.2	129.8	-10.7
2004	127.3	143.1	48.8	-55.9	-6.4
2005	144.2	34.2	59.0	177.8	110.5
2006	8.3	-35.0	-40.5	-72.0	-40.1
2007	-24.0	-38.5	-35.3	-20.0	-27.4
2008	-7.8	-62.8	13.9	-3.6	-10.0
2009	-69.9	51.3	-41.4	-20.8	-46.5
2010	98.5	-55.6	69.8	24.9	44.9
2011	-26.2	257.0	39.3	46.8	25.4
2012	39.8	50.9	44.2	-34.2	17.2
2013	85.0	65.8	-10.0	7.8	31.7
2014	-74.2	-95.9	0.2	-12.7	-50.0
2015	-60.3	148.1	-36.7	-2.3	-28.9
2016	165.9	74.5	5.3	-58.2	3.1
2017	-58.6	60.0	-53.8	55.0	-27.3
2018	4.2	79.2	143.7	25.2	68.3
2019	-48.8	71.8	-51.9	0.5	-10.4
2020	735.8	-91.2	-67.0	Year-to-Date	-18.0

NA Not available.

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

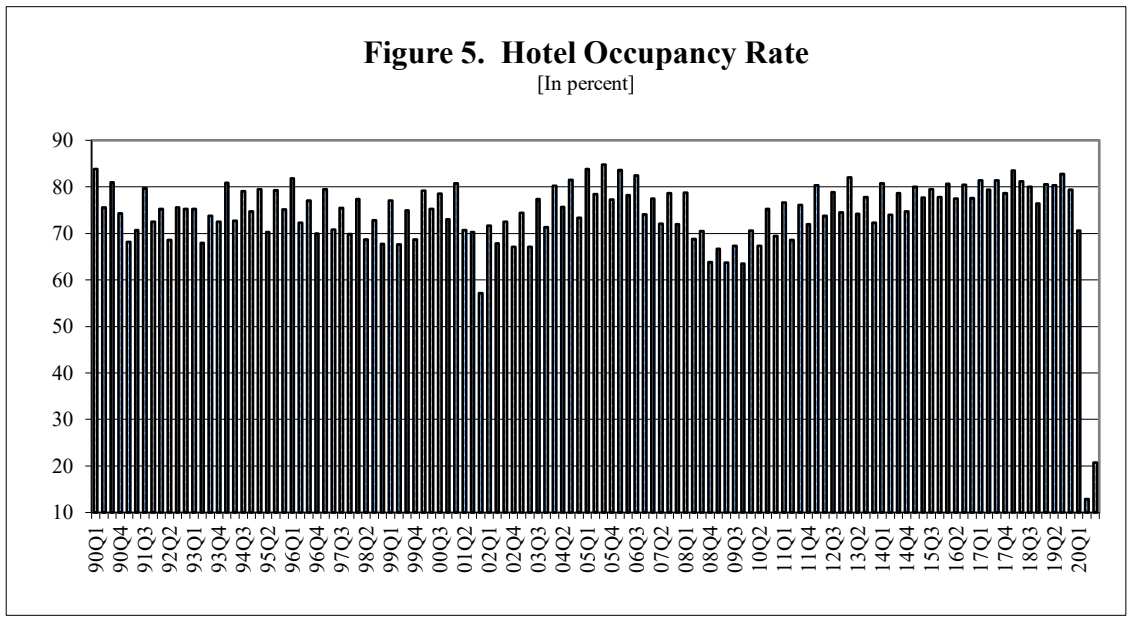
Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	**Annual Average**
In Percent					
1982	79.0	65.9	70.9	66.7	70.4
1983	75.2	68.1	71.7	66.5	69.7
1984	84.0	75.6	74.6	75.1	76.0
1985	88.1	69.1	75.0	72.5	76.1
1986	87.0	78.8	79.9	76.8	81.7
1987	88.0	77.1	82.1	77.8	81.1
1988	81.7	75.1	81.3	75.1	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	80.7	77.5	80.5	77.5	79.0
2017	81.4	79.4	81.4	78.6	80.2
2018	83.5	81.1	80.1	76.4	80.3
2019 1/	80.5	80.3	82.8	79.4	81.2
2020 1/	70.6	12.9	20.7	Year-to-Date	42.5

NA Not available.

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

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

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



E. CONSTRUCTION

The indicators of Hawaii's construction industry were mostly positive in the third quarter of 2020. Private building authorizations, government contracts awarded, and construction jobs increased, but state government CIP expenditures decreased in the quarter.

In the third quarter of 2020, the number of jobs in the construction sector increased 0.5 percent or 200 jobs compared with the same quarter of 2019. Construction was the only private sector that added jobs in the third quarter of 2020 compared with the same quarter of 2019. In the first three quarters of 2020, the construction sector added 400 jobs or 1.2 percent (Table A-7) from the same period of the previous year. Before the recession, specifically the period of 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 40,550 jobs, and then declined as the economy entered a recession. 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 2020, private building authorizations in the state increased $44.5 million or 5.6 percent, compared with the third quarter of 2019 (Table E-8). In the first three quarters of 2020, private building authorizations in the state decreased $47.6 million or 2.0 percent compared with the same period in 2019.

In the third quarter of 2020, private building authorizations in Honolulu increased $120.5 million or 26.4 percent, compared with the third quarter of 2019 (Table E-8). In the first three quarters of 2020, private building authorizations in Honolulu decreased $134.1 million or 8.9 percent, compared with the same period of the previous year.

In the third quarter of 2020, private building authorizations in Hawaii County decreased $41.9 million or 23.9 percent, compared with the third quarter of 2019 (Table E-8). In the first three quarters of 2020, private building authorizations in Hawaii County increased $44.0 million or 10.4 percent, compared with the same period of the previous year.

In the third quarter of 2020, private building authorizations in Maui decreased $65.3 million or 47.9 percent, compared with the third quarter of 2019 (Table E-8). In the first three quarters of 2020, private building authorizations in Maui increased $0.3 million or 0.1 percent compared with the same period in 2019.

In the third quarter of 2020, private building authorizations (residential only) in Kauai County increased $31.1 million or 104.1 percent, compared with the third quarter of 2019 (Table E-8). In the first three quarters of 2020, private building authorizations in Kauai County increased $42.1 million or 46.4 percent compared with the same period of the previous year.

Government contracts awarded increased $101.0 million, from $165.6 million in the third quarter of 2019 to $266.5 million in the third quarter of 2020. (Table E-1). In the first three quarters of 2020, government contracts awarded increased $1,740.6 million, from $450.6 million to $2,191.2 million. In January 2020, the U.S. Navy awarded a 5-year contract of a $990 million awarded to 7 firms, 5 of which were Hawaii firms. No per-firm awards were specified. State government CIP expenditures decreased $168.1 million or 39.2 percent in the third quarter of 2020 compared with the same quarter of 2019. In the first three quarters of 2020, state government CIP expenditures decreased $99.5 million or 8.7 percent from the same period of the previous year (Table E-2).

The Honolulu Construction Cost Index increased 0.8 percent in the third quarter of 2020 compared to the same quarter of 2019 for Single Family Residence (Table E-6) and showed no change for High-Rise Building (Table E-7). In the first three quarters of 2020, the index for Single Family Residence increased 2.4 percent and 1.5 percent for High-Rise Building as compared to the previous year.

In the third quarter of 2020, Honolulu's median price for single family resales was $840,000, up $40,000 or 5.0 percent over the same quarter of 2019 (Table E-11). The median price for condominium units was $440,000, same as the same quarter of 2019 (Table E-12). In the third quarter of 2020, the number of single-family unit resales increased 4.0 percent, and the number of condominium unit resales decreased 13.4 percent, compared with the third quarter of 2019 (Tables E-13 and E-14). In the first three quarters of 2020, the number of single-family unit resales decreased 1.4 percent, and condominium unit resales declined 18.9 percent compared with the same period of the previous year.

In the first three quarters of 2020, Maui County's single-family unit resales median price was $775,000 and the condominium unit resales median price was $560,000 (Tables E-17 and E-18).

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

Year	Contracting tax base 1/	Private Building Authorization 4/				Government Contracts Awarded
		Total Private Authorizations	Residential 4/	Commercial & Industrial 2/	Additions & Alterations	
	In Millions of Dollars					
1982	1,294.9	683.1	299.2	242.9	141.1	391.6
1983	1,353.4	685.2	296.2	203.2	185.9	275.0
1984	1,242.9	581.5	327.7	104.0	149.9	388.7
1985	1,367.7	888.9	500.1	208.8	180.1	248.9
1986	1,808.0	1,025.2	455.5	267.4	302.3	422.7
1987	2,003.1	1,161.9	507.0	344.4	310.5	370.9
1988	2,487.6	1,546.5	689.2	541.2	316.1	665.0
1989	3,112.8	1,882.4	910.7	561.8	409.9	725.2
1990	4,003.7	2,101.8	952.3	698.0	451.5	825.5
1991	4,334.1	2,151.8	1,192.0	556.2	403.7	729.4
1992	4,012.7	1,751.9	811.1	532.3	408.5	1,159.1
1993	3,803.6	1,505.4	742.1	308.0	455.3	651.8
1994	3,322.3	1,612.9	849.3	370.3	393.4	693.0
1995	3,133.5	1,531.3	745.5	368.3	417.5	490.2
1996	3,285.1	1,117.8	487.0	252.8	378.0	885.5
1997	2,944.4	1,179.2	542.5	264.5	372.2	615.6
1998	3,016.0	1,054.3	485.5	205.6	363.2	685.1
1999	2,991.2	1,320.2	628.8	306.2	385.3	584.8
2000 3/	3,613.5	1,512.6	800.1	246.2	466.2	810.9
2001	3,766.4	1,585.7	882.4	329.1	374.2	715.7
2002 4/	4,275.0	1,772.0	1,112.9	254.2	404.9	768.3
2003 4/	4,536.3	2,361.2	1,345.1	507.5	508.6	633.4
2004 4/	4,921.5	2,726.5	1,767.7	303.3	655.6	1,384.6
2005 4/	6,024.0	3,492.0	2,259.3	433.5	799.1	725.1
2006 4/	7,223.3	3,770.1	1,811.8	732.0	1,226.2	853.8
2007 4/	8,072.9	3,585.4	1,855.4	703.9	1,026.2	869.5
2008 4/	7,987.1	2,906.6	1,381.6	427.1	1,097.9	952.8
2009 4/	6,641.7	1,998.9	799.2	284.8	914.9	778.6
2010 4/	5,589.8	1,980.3	779.0	377.5	823.8	1,057.6
2011 4/	5,837.4	1,858.8	687.9	285.9	884.9	430.7
2012 4/	7,006.1	2,643.8	837.2	271.1	1,535.5	772.9
2013 4/	7,330.0	2,720.5	1,025.0	296.5	1,399.0	1,194.2
2014 4/	7,024.0	3,315.1	985.9	498.5	1,830.6	1,096.6
2015 4/	8,112.2	3,963.6	1,651.3	702.9	1,609.4	1,554.6
2016 4/	8,288.2	3,240.6	1,448.0	211.0	1,581.7	1,673.3
2017 4/	8,384.4	3,127.8	1,504.7	395.9	1,227.3	1,191.6
2018 4/	9,455.6	3,268.3	1,395.8	402.2	1,470.3	1,948.5
2019 4/	9,609.3	3,221.4	1,211.6	352.7	1,657.1	593.8
1998 1 Qtr.	757.1	260.4	118.2	50.4	91.9	155.3
2 Qtr.	706.3	246.7	121.3	48.4	76.9	127.5
3 Qtr.	793.6	296.0	123.5	55.1	117.3	218.7
4 Qtr.	759.0	251.3	122.6	51.7	77.0	183.5
1999 1 Qtr.	732.1	342.9	141.6	125.0	76.3	177.3
2 Qtr.	737.0	314.3	153.4	72.3	88.5	104.6
3 Qtr.	758.1	314.0	151.1	63.9	99.0	147.1
4 Qtr.	764.0	349.0	182.6	45.0	121.4	155.8
2000 1 Qtr.	877.6	351.8	203.3	61.3	87.3	217.1
2 Qtr.	869.1	392.9	194.9	72.9	125.1	96.6
3 Qtr.	894.9	377.4	204.1	59.1	114.2	405.1
3/ 4 Qtr.	971.8	390.4	197.9	52.9	139.6	92.1
2001 1 Qtr.	920.5	362.5	186.3	96.6	79.6	178.0
2 Qtr.	918.4	423.6	234.3	77.9	111.5	175.7
3 Qtr.	893.2	421.0	256.3	68.3	96.4	113.1
4 Qtr.	1,034.3	378.6	205.6	86.3	86.7	248.9
2002 4/ 1 Qtr.	913.7	336.3	191.7	47.0	97.6	250.8
4/ 2 Qtr.	1,025.0	437.1	276.9	59.3	100.9	133.6
4/ 3 Qtr.	1,213.7	497.6	346.6	47.2	103.8	255.7
4/ 4 Qtr.	1,122.5	501.1	297.7	100.7	102.6	128.2
2003 4/ 1 Qtr.	1,122.3	655.1	326.0	217.9	111.3	168.3
4/ 2 Qtr.	1,139.3	716.7	398.1	155.3	163.3	86.0
4/ 3 Qtr.	1,179.6	531.0	316.5	87.9	126.6	228.3
4/ 4 Qtr.	1,095.1	458.4	304.6	46.4	107.4	150.8
2004 4/ 1 Qtr.	1,143.3	780.8	542.5	107.4	130.8	256.7
4/ 2 Qtr.	1,126.0	718.9	440.5	50.8	227.6	804.1
4/ 3 Qtr.	1,345.9	597.6	366.0	73.0	158.6	187.2
4/ 4 Qtr.	1,306.3	629.3	418.7	72.1	138.5	136.6
2005 4/ 1 Qtr.	1,440.9	706.5	420.3	48.7	237.6	213.6
4/ 2 Qtr.	1,429.8	728.5	450.7	103.4	174.4	105.5
4/ 3 Qtr.	1,608.1	1,050.5	662.1	220.1	168.4	314.4
4/ 4 Qtr.	1,545.1	1,006.4	726.2	61.4	218.8	91.5
2006 4/ 1 Qtr.	1,714.7	766.2	481.1	61.1	224.0	297.2
4/ 2 Qtr.	1,677.1	908.1	451.6	160.7	295.9	174.4
4/ 3 Qtr.	1,920.2	1,051.5	460.5	206.5	384.5	220.6
4/ 4 Qtr.	1,911.3	1,044.2	418.6	303.8	321.8	161.6
2007 4/ 1 Qtr.	1,991.0	737.1	412.1	59.7	265.3	180.1
4/ 2 Qtr.	2,081.1	1,085.7	668.8	222.6	194.2	317.7
4/ 3 Qtr.	1,924.9	896.3	412.1	144.3	339.9	255.1
4/ 4 Qtr.	2,075.9	866.3	362.3	277.2	226.8	116.5
2008 4/ 1 Qtr.	1,885.1	741.1	353.2	94.0	293.9	196.2
4/ 2 Qtr.	1,977.5	1,048.5	517.4	154.7	376.5	132.8
4/ 3 Qtr.	2,095.9	690.0	346.5	132.3	211.3	351.8
4/ 4 Qtr.	2,028.6	426.8	164.5	46.2	216.2	272.0
2009 4/ 1 Qtr.	1,779.9	542.2	276.3	38.8	227.0	167.2
4/ 2 Qtr.	1,726.6	470.7	160.5	97.3	212.8	197.3
4/ 3 Qtr.	1,580.1	558.8	193.4	56.5	308.9	233.8
4/ 4 Qtr.	1,555.1	427.3	169.0	92.1	166.1	180.4
2010 4/ 1 Qtr.	1,427.0	455.3	235.4	53.1	166.9	83.1
4/ 2 Qtr.	1,301.9	537.3	184.9	123.5	228.9	353.7
4/ 3 Qtr.	1,487.7	552.4	196.3	84.3	271.8	352.6
4/ 4 Qtr.	1,373.2	435.3	162.5	116.6	156.2	268.2
2011 4/ 1 Qtr.	1,382.9	380.9	146.8	48.1	186.1	75.4
4/ 2 Qtr.	1,443.6	438.4	178.4	47.2	212.7	63.0
4/ 3 Qtr.	1,468.2	537.7	206.7	80.2	250.8	124.5
4/ 4 Qtr.	1,542.7	501.8	156.1	110.4	235.3	167.7
2012 4/ 1 Qtr.	1,561.4	556.7	145.3	61.5	349.9	71.4
4/ 2 Qtr.	1,680.8	647.3	246.6	50.6	350.1	280.6
4/ 3 Qtr.	1,858.5	686.6	200.2	75.7	410.7	323.3
4/ 4 Qtr.	1,905.5	753.2	245.1	83.3	424.8	97.5
2013 4/ 1 Qtr.	1,847.6	629.1	289.1	46.9	293.0	228.8
4/ 2 Qtr.	1,935.3	714.0	193.3	145.7	375.1	371.0
4/ 3 Qtr.	1,844.9	688.4	317.4	27.5	343.6	481.4
4/ 4 Qtr.	1,702.1	689.0	225.2	76.5	387.3	113.1
2014 4/ 1 Qtr.	1,732.3	758.4	150.6	94.9	512.9	155.7
4/ 2 Qtr.	1,766.6	806.5	305.6	80.7	420.2	291.3
4/ 3 Qtr.	1,666.4	789.6	230.4	73.8	485.4	394.9
4/ 4 Qtr.	1,858.7	960.6	299.3	249.2	412.1	254.7
2015 4/ 1 Qtr.	1,801.4	1,297.6	482.5	383.6	431.5	225.0
4/ 2 Qtr.	1,995.3	840.4	412.7	113.9	313.7	680.8
4/ 3 Qtr.	2,212.3	892.2	338.3	111.0	442.9	487.1
4/ 4 Qtr.	2,103.3	933.4	417.8	94.4	421.2	161.7
2016 4/ 1 Qtr.	1,745.4	545.6	223.1	30.2	292.3	175.0
4/ 2 Qtr.	2,123.9	960.2	429.6	75.6	455.0	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.	2,206.1	722.4	374.1	85.4	262.9	644.3
4/ 4 Qtr.	2,179.3	664.9	263.8	77.7	323.4	97.3
2018 4/ 1 Qtr.	2,202.6	699.8	382.4	76.1	241.4	532.4
4/ 2 Qtr.	2,326.5	1,108.6	392.0	185.1	531.5	598.4
4/ 3 Qtr.	2,521.5	743.2	365.6	70.3	307.3	394.1
4/ 5/ 4 Qtr.	2,405.1	716.6	255.9	70.7	390.1	423.6
2019 4/ 1 Qtr.	2,349.4	761.0	309.9	46.2	404.9	155.9
4/ 2 Qtr.	2,430.3	809.0	323.2	66.5	419.3	129.1
4/ 3 Qtr.	2,445.2	798.8	267.0	89.9	441.8	165.6
4/ 3 Qtr.	2,384.4	852.7	311.5	150.1	391.1	143.2
2020 4/ 5/ 1 Qtr.	2,467.7	784.8	228.7	120.5	435.7	1,342.3
4/ 2 Qtr.	2,243.7	693.1	310.6	133.8	248.8	582.4
4/ 3 Qtr.	(NA)	843.2	297.1	129.9	416.3	266.5

NA Not available.

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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.

5/ In January, the U.S. Navy awarded a $990 million 5-year contract to 7 firms of which 2 were Hawaii firms. No per-firm awards specif

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

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

Year	Contracting tax base 1/	Private Building Authorization 4/				Government Contracts Awarded
		Total Private Authorizations	Residential 4/	Commercial & Industrial 2/	Additions & Alterations	
Percentage Change from the Same Period in Previous Year						
1983	4.5	0.3	-1.0	-16.3	31.8	-29.8
1984	-8.2	-15.1	10.6	-48.8	-19.4	41.3
1985	10.0	52.9	52.6	100.8	20.1	-36.0
1986	32.2	15.3	-8.9	28.1	67.9	69.8
1987	10.8	13.3	11.3	28.8	2.7	-12.3
1988	24.2	33.1	35.9	57.1	1.8	79.3
1989	25.1	21.7	32.1	3.8	29.7	9.1
1990	28.6	11.7	4.6	24.2	10.1	13.8
1991	8.3	2.4	25.2	-20.3	-10.6	-11.6
1992	-7.4	-18.6	-32.0	-4.3	1.2	58.9
1993	-5.2	-14.1	-8.5	-42.1	11.5	-43.8
1994	-12.7	7.1	14.4	20.2	-13.6	6.3
1995	-5.7	-5.1	-12.2	-0.5	6.1	-29.3
1996	4.8	-27.0	-34.7	-31.4	-9.5	80.6
1997	-10.4	5.5	11.4	4.6	-1.5	-30.5
1998	2.4	-10.6	-10.5	-22.3	-2.4	11.3
1999	-0.8	25.2	29.5	48.9	6.1	-14.6
2000 3/	20.8	14.6	27.3	-19.6	21.0	38.7
2001	4.2	4.8	10.3	33.7	-19.7	-11.7
2002 4/	13.5	11.7	26.1	-22.8	8.2	7.3
2003 4/	6.1	33.3	20.9	99.7	25.6	-17.6
2004 4/	8.5	15.5	31.4	-40.2	28.9	118.6
2005 4/	22.4	28.1	27.8	43.0	21.9	-47.6
2006 4/	19.9	8.0	-19.8	68.8	53.4	17.8
2007 4/	11.8	-4.9	2.4	-3.8	-16.3	1.8
2008 4/	-1.1	-18.9	-25.5	-39.3	7.0	9.6
2009 4/	-16.8	-31.2	-42.2	-33.3	-16.7	-18.3
2010 4/	-15.8	-0.9	-2.5	32.5	-10.0	35.8
2011 4/	4.4	-6.1	-11.7	-24.3	7.4	-59.3
2012 4/	20.0	42.2	21.7	-5.2	73.5	79.4
2013 4/	4.6	2.9	22.4	9.4	-8.9	54.5
2014 4/	-4.2	21.9	-3.8	68.1	30.8	-8.2
2015 4/	15.5	19.6	67.5	41.0	-12.1	41.8
2016 4/	2.2	-18.2	-12.3	-70.0	-1.7	7.6
2017 4/	1.2	-3.5	3.9	87.6	-22.4	-28.8
2018 4/	12.8	4.5	-7.2	1.6	19.8	63.5
2019 4/	1.6	-1.4	-13.2	-12.3	12.7	-69.5
1999 1 Qtr.	-3.3	31.7	19.8	148.2	-17.0	14.1
2 Qtr.	4.3	27.4	26.5	49.4	15.1	-18.0
3 Qtr.	-4.5	6.1	22.4	15.9	-15.6	-32.8
4 Qtr.	0.7	38.9	49.0	-13.1	57.7	-15.1
2000 1 Qtr.	19.9	2.6	43.6	-51.0	14.4	22.4
2 Qtr.	17.9	25.0	27.0	0.8	41.3	-7.6
3 Qtr.	18.0	20.2	35.0	-7.4	15.3	175.4
3/ 4 Qtr.	27.2	11.9	8.4	17.6	15.0	-40.9
2001 1 Qtr.	4.9	3.0	-8.3	57.6	-8.8	-18.0
2 Qtr.	5.7	7.8	20.2	6.8	-10.9	81.9
3 Qtr.	-0.2	11.5	25.6	15.5	-15.6	-72.1
4 Qtr.	6.4	-3.0	3.9	63.3	-37.9	170.2
2002 4/ 1 Qtr.	-0.7	-7.2	2.9	-51.4	22.6	40.9
4/ 2 Qtr.	11.6	3.2	18.2	-23.8	-9.5	-24.0
4/ 3 Qtr.	35.9	18.2	35.2	-31.0	7.7	126.1
4/ 4 Qtr.	8.5	32.4	44.8	16.7	18.4	-48.5
2003 4/ 1 Qtr.	22.8	94.8	70.0	364.0	14.0	-32.9
4/ 2 Qtr.	11.2	64.0	43.8	161.6	61.9	-35.6
4/ 3 Qtr.	-2.8	6.7	-8.7	86.3	22.0	-10.7
4/ 4 Qtr.	-2.4	-8.5	2.3	-53.9	4.7	17.6
2004 4/ 1 Qtr.	1.9	19.2	66.4	-50.7	17.6	52.5
4/ 2 Qtr.	-1.2	0.3	10.6	-67.3	39.4	835.0
4/ 3 Qtr.	14.1	12.5	15.7	-17.0	25.3	-18.0
4/ 4 Qtr.	19.3	37.3	37.5	55.2	29.0	-9.4
2005 4/ 1 Qtr.	26.0	-9.5	-22.5	-54.7	81.6	-16.8
4/ 2 Qtr.	27.0	1.3	2.3	103.7	-23.4	-86.9
4/ 3 Qtr.	19.5	75.8	80.9	201.6	6.2	68.0
4/ 4 Qtr.	18.3	59.9	73.4	-14.8	57.9	-33.0
2006 4/ 1 Qtr.	19.0	8.5	14.5	25.6	-5.7	39.1
4/ 2 Qtr.	17.3	24.7	0.2	55.4	69.6	65.3
4/ 3 Qtr.	19.4	0.1	-30.4	-6.2	128.4	-29.8
4/ 4 Qtr.	23.7	3.8	-42.3	394.5	47.1	76.6
2007 4/ 1 Qtr.	16.1	-3.8	-14.3	-2.3	18.4	-39.4
4/ 2 Qtr.	24.1	19.6	48.1	38.6	-34.4	82.1
4/ 3 Qtr.	0.2	-14.8	-10.5	-30.1	-11.6	15.7
4/ 4 Qtr.	8.6	-17.0	-13.4	-8.7	-29.5	-27.9
2008 4/ 1 Qtr.	-5.3	0.5	-14.3	57.4	10.8	8.9
4/ 2 Qtr.	-5.0	-3.4	-22.6	-30.5	93.8	-58.2
4/ 3 Qtr.	8.9	-23.0	-15.9	-8.3	-37.8	37.9
4/ 4 Qtr.	-2.3	-50.7	-54.6	-83.3	-4.7	133.4
2009 4/ 1 Qtr.	-5.6	-26.8	-21.8	-58.7	-22.8	-14.8
4/ 2 Qtr.	-12.7	-55.1	-69.0	-37.1	-43.5	48.5
4/ 3 Qtr.	-24.6	-19.0	-44.2	-57.3	46.2	-33.5
4/ 4 Qtr.	-23.3	0.1	2.8	99.3	-23.1	-33.7
2010 4/ 1 Qtr.	-19.8	-16.0	-14.8	36.7	-26.5	-50.3
4/ 2 Qtr.	-24.6	14.2	15.2	26.9	7.6	79.3
4/ 3 Qtr.	-5.8	-1.2	1.5	49.1	-12.0	50.8
4/ 4 Qtr.	-11.7	1.9	-3.9	26.6	-6.0	48.7
2011 4/ 1 Qtr.	-3.1	-16.4	-37.7	-9.5	11.5	-9.2
4/ 2 Qtr.	10.9	-18.4	-3.5	-61.8	-7.1	-82.2
4/ 3 Qtr.	-1.3	-2.7	5.3	-4.8	-7.7	-64.7
4/ 4 Qtr.	12.3	15.3	-3.9	-5.3	50.6	-37.4
2012 4/ 1 Qtr.	12.9	46.2	-1.0	27.9	88.1	-5.3
4/ 2 Qtr.	16.4	47.7	38.2	7.2	64.6	345.3
4/ 3 Qtr.	26.6	27.7	-3.1	-5.6	63.8	159.6
4/ 4 Qtr.	23.5	50.1	57.0	-24.6	80.5	-41.9
2013 4/ 1 Qtr.	18.3	13.0	99.0	-23.7	-16.3	220.2
4/ 2 Qtr.	15.1	10.3	-21.6	187.8	7.1	32.2
4/ 3 Qtr.	-0.7	0.3	58.6	-63.7	-16.3	48.9
4/ 4 Qtr.	-10.7	-8.5	-8.1	-8.2	-8.8	16.0
2014 4/ 1 Qtr.	-6.2	20.6	-47.9	102.3	75.0	-31.9
4/ 2 Qtr.	-8.7	12.9	58.1	-44.6	12.0	-21.5
4/ 3 Qtr.	-9.7	14.7	-27.4	168.5	41.3	-18.0
4/ 4 Qtr.	9.2	39.4	32.9	225.8	6.4	125.2
2015 4/ 1 Qtr.	4.0	71.1	220.3	304.3	-15.9	44.5
4/ 2 Qtr.	12.9	4.2	35.1	41.2	-25.3	133.7
4/ 3 Qtr.	32.8	13.0	46.8	50.3	-8.8	23.4
4/ 4 Qtr.	13.2	-2.8	39.6	-62.1	2.2	-36.5
2016 4/ 1 Qtr.	-3.1	-58.0	-53.8	-92.1	-32.3	-22.2
4/ 2 Qtr.	6.4	14.3	4.1	-33.7	45.0	-51.7
4/ 3 Qtr.	-0.7	-0.3	26.9	-64.6	-5.0	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	-14.5	-16.3	73.8	-27.4	-28.2
4/ 3 Qtr.	0.4	-18.8	-12.9	117.5	-37.5	-29.4
4/ 4 Qtr.	-1.9	-21.4	-27.9	17.8	-21.8	-62.0
2018 4/ 1 Qtr.	1.5	-23.9	-24.6	-25.0	-22.3	149.1
4/ 2 Qtr.	27.2	35.0	9.1	40.9	60.9	153.3
4/ 3 Qtr.	14.3	2.9	-2.3	-17.6	16.9	-38.8
4/ 5/ 4 Qtr.	10.4	7.8	-3.0	-9.1	20.6	335.2
2019 4/ 1 Qtr.	6.7	8.7	-19.0	-39.3	67.8	-70.7
4/ 2 Qtr.	4.5	-27.0	-17.5	-64.1	-21.1	-78.4
4/ 3 Qtr.	-3.0	7.5	-27.0	27.9	43.8	-58.0
4/ 3 Qtr.	-0.9	19.0	21.7	112.5	0.3	-66.2
2020 4/ 5/ 1 Qtr.	5.0	3.1	-26.2	160.9	7.6	760.8
4/ 2 Qtr.	-7.7	-14.3	-3.9	101.2	-40.7	351.2
4/ 3 Qtr.	(NA)	5.6	11.3	44.4	-5.8	61.0

NA Not available.

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2/ Includes hotels.

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5/ In January, the U.S. Navy awarded a $990 million 5-year contract to 7 firms of which 2 were Hawaii firms. No per-firm awards spe

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

Table E-2. STATE GOVERNMENT CAPITAL IMPROVEMENT PROJECT EXPENDITURES

Year	Total Expenditures	General Oblig. Bond 1/	Revenue Bond 2/	General Fund (Cash)	Special Fund	Federal Funds 3/
	In Thousands of Dollars					
1990	995,163	248,379	368,502	133,529	79,998	164,755
1991	1,027,189	210,022	326,414	121,108	164,915	204,730
1992	1,323,450	331,720	512,432	138,867	124,605	215,826
1993	1,188,315	472,515	225,431	89,917	147,351	253,101
1994	1,214,487	492,048	327,980	56,662	135,440	202,357
1995	822,327	342,423	77,560	19,672	169,901	212,772
1996	720,580	286,472	66,625	6,719	165,426	195,338
1997	898,496	345,440	220,496	3,181	163,130	166,249
1998	818,181	329,218	199,294	1,963	192,397	95,309
1999	626,916	293,229	35,735	348	212,446	85,159
2000	612,559	295,988	34,114	305	179,336	102,817
2001	611,167	328,885	44,123	331	114,234	123,594
2002	654,804	387,088	45,962	133	123,084	98,538
2003	847,667	416,975	197,475	1	119,653	113,563
2004	400,707	236,176	-67,498	38	92,046	139,944
2005	765,953	337,222	98,672	-973	173,610	157,422
2006	652,664	349,222	48,946	1,873	157,239	95,384
2007	1,131,450	545,559	95,979	33,812	247,366	208,734
2008	980,061	387,376	165,319	53,366	137,322	236,677
2009	1,102,080	507,997	114,942	24,568	223,789	230,784
2010	1,052,636	496,579	106,669	5,948	213,535	229,905
2011	1,004,491	517,179	95,371	2,579	182,313	207,049
2012	1,300,621	557,695	264,699	645	267,253	210,329
2013	1,150,213	588,437	150,063	1,970	215,374	194,369
2014	1,277,887	573,308	247,380	555	195,183	261,460
2015	1,265,048	659,172	196,761	17	158,538	250,559
2016	1,159,995	641,758	142,448	4,214	180,103	191,473
2017	1,311,263	740,920	196,618	82,061	138,118	153,545
2018	1,636,182	729,365	420,108	22,670	205,416	258,623
2019	1,447,221	675,605	411,558	5,842	96,982	257,234
2002 1 Qtr.	121,679	64,628	13,482	54	22,683	20,832
2 Qtr.	178,987	112,419	11,584	52	32,207	22,724
3 Qtr.	181,365	110,889	5,562	18	34,222	30,674
4 Qtr.	172,774	99,151	15,335	9	33,971	24,308
2003 1 Qtr.	169,524	87,674	14,837	0	39,003	28,010
2 Qtr.	358,774	127,436	166,097	0	32,368	32,873
3 Qtr.	159,404	101,960	8,979	0	23,290	25,174
4 Qtr.	159,965	99,905	7,562	0	24,992	27,506
2004 1 Qtr.	94,169	47,430	4,885	33	19,092	22,729
2 Qtr.	40,185	71,596	-86,215	3	24,038	30,763
3 Qtr.	135,001	62,052	6,288	3	23,121	43,537
4 Qtr.	131,352	55,099	7,544	0	25,795	42,915
2005 1 Qtr.	151,389	67,637	22,324	-973	24,947	37,454
2 Qtr.	248,284	106,252	58,577	0	35,076	48,379
3 Qtr.	165,864	74,692	9,050	0	44,490	37,632
4 Qtr.	200,416	88,640	8,722	0	69,096	33,957
2006 1 Qtr.	150,483	66,393	16,355	0	39,343	28,392
2 Qtr.	204,923	120,021	19,844	1,611	38,593	24,854
3 Qtr.	144,883	84,102	4,103	0	37,867	18,812
4 Qtr.	152,375	78,707	8,644	262	41,436	23,326
2007 1 Qtr.	292,980	150,020	11,894	5,571	74,589	50,906
2 Qtr.	264,572	114,646	21,488	8,799	59,681	59,958
3 Qtr.	263,935	127,198	21,735	10,341	56,481	48,180
4 Qtr.	309,963	153,695	40,861	9,102	56,615	49,690
2008 1 Qtr.	235,135	97,527	32,379	10,213	44,688	50,328
2 Qtr.	254,233	113,438	29,866	6,393	40,591	63,945
3 Qtr.	264,175	78,109	78,741	22,655	27,450	57,219
4 Qtr.	226,517	98,301	24,333	14,105	24,593	65,185
2009 1 Qtr.	241,809	103,766	27,827	8,187	47,964	54,065
2 Qtr.	279,653	124,933	33,489	8,176	49,754	63,300
3 Qtr.	317,911	169,637	22,579	6,803	62,518	56,375
4 Qtr.	262,707	109,661	31,046	1,403	63,553	57,044
2010 1 Qtr.	310,966	130,724	55,435	1,655	54,771	68,381
2 Qtr.	275,978	141,421	13,315	1,802	61,607	57,833
3 Qtr.	273,489	138,696	21,981	1,243	53,937	57,631
4 Qtr.	192,202	85,739	15,937	1,247	43,220	46,060
2011 1 Qtr.	208,602	91,389	21,690	663	35,018	59,842
2 Qtr.	311,430	178,094	28,710	343	46,171	58,111
3 Qtr.	223,862	100,458	19,558	750	56,140	46,956
4 Qtr.	260,598	147,238	25,413	823	44,985	42,140
2012 1 Qtr.	238,553	107,262	22,943	383	55,412	52,554
2 Qtr.	494,187	164,697	178,274	60	90,075	61,081
3 Qtr.	255,990	127,106	25,104	165	56,987	46,629
4 Qtr.	311,890	158,629	38,378	38	64,779	50,066
2013 1 Qtr.	295,735	122,859	81,145	621	47,676	43,435
2 Qtr.	275,615	156,027	26,152	465	40,252	52,719
3 Qtr.	277,644	148,406	19,276	390	64,628	44,944
4 Qtr.	301,219	161,146	23,490	495	62,818	53,271
2014 1 Qtr.	343,352	113,564	123,343	526	49,223	56,696
2 Qtr.	353,937	194,736	41,362	18	51,681	66,139
3 Qtr.	331,618	157,680	40,351	7	49,870	83,711
4 Qtr.	248,979	107,329	42,323	5	44,409	54,914
2015 1 Qtr.	263,824	103,945	74,266	5	33,090	52,519
2 Qtr.	380,961	198,859	44,414	0	45,574	92,115
3 Qtr.	262,964	139,891	43,781	1	27,831	51,460
4 Qtr.	357,299	216,478	34,300	11	52,043	54,466
2016 1 Qtr.	258,881	132,248	47,991	2	30,510	48,130
2 Qtr.	451,160	308,937	37,805	0	35,037	69,382
3 Qtr.	255,140	141,698	27,050	284	44,061	42,047
4 Qtr.	194,814	58,874	29,602	3,927	70,495	31,915
2017 1 Qtr.	262,974	157,371	43,220	7,016	27,469	27,898
2 Qtr.	300,048	182,592	41,886	15,339	21,689	38,541
3 Qtr.	377,499	183,035	61,059	37,791	38,281	57,331
4 Qtr.	370,742	217,921	50,453	21,915	50,678	29,775
2018 1 Qtr.	262,742	148,046	48,064	7,733	24,637	34,261
2 Qtr.	591,340	249,538	173,024	5,809	86,294	76,674
3 Qtr.	423,968	171,015	107,748	5,626	39,341	100,238
4 Qtr.	358,133	160,765	91,271	3,503	55,143	47,450
2019 1 Qtr.	295,533	152,967	68,173	3,008	25,955	45,431
2 Qtr.	425,443	190,763	78,186	1,078	58,602	96,814
3 Qtr.	428,702	172,471	153,966	1,033	28,542	72,688
4 Qtr.	297,543	159,404	111,232	722	-16,117	42,302
2020 1 Qtr.	318,454	167,131	79,069	606	32,361	39,288
2 Qtr.	471,050	299,784	84,843	431	49,551	36,440
3 Qtr.	260,631	151,050	-1,447	751	34,457	75,819

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

Table E-2. STATE GOVERNMENT CAPITAL IMPROVEMENT PROJECT EXPENDITURES

Year	Total Expenditures	General Oblig. Bond 1/	Revenue Bond 2/	General Fund (Cash)	Special Fund	Federal Funds 3/
Percent change from corresponding period in previous year						
1991	3.2	-15.4	-11.4	-9.3	106.1	24.3
1992	28.8	57.9	57.0	14.7	-24.4	5.4
1993	-10.2	42.4	-56.0	-35.2	18.3	17.3
1994	2.2	4.1	45.5	-37.0	-8.1	-20.0
1995	-32.3	-30.4	-76.4	-65.3	25.4	5.1
1996	-12.4	-16.3	-14.1	-65.8	-2.6	-8.2
1997	24.7	20.6	231.0	-52.7	-1.4	-14.9
1998	-8.9	-4.7	-9.6	-38.3	17.9	-42.7
1999	-23.4	-10.9	-82.1	-82.3	10.4	-10.6
2000	-2.3	0.9	-4.5	-12.3	-15.6	20.7
2001	-0.2	11.1	29.3	8.4	-36.3	20.2
2002	7.1	17.7	4.2	-59.9	7.7	-20.3
2003	29.5	7.7	329.6	-99.6	-2.8	15.2
2004	-52.7	-43.4	(4/)	7,595.1	-23.1	23.2
2005	91.2	42.8	(4/)	(4/)	88.6	12.5
2006	-14.8	3.6	-50.4	(4/)	-9.4	-39.4
2007	73.4	56.2	96.1	1,705.0	57.3	118.8
2008	-13.4	-29.0	72.2	57.8	-44.5	13.4
2009	12.5	31.1	-30.5	-54.0	63.0	-2.5
2010	-4.5	-2.2	-7.2	-75.8	-4.6	-0.4
2011	-4.6	4.1	-10.6	-56.6	-14.6	-9.9
2012	29.5	7.8	177.5	-75.0	46.6	1.6
2013	-11.6	5.5	-43.3	205.3	-19.4	-7.6
2014	11.1	-2.6	64.9	-71.8	-9.4	34.5
2015	-1.0	15.0	-20.5	-96.9	-18.8	-4.2
2016	-8.3	-2.6	-27.6	24,538.3	13.6	-23.6
2017	13.0	15.5	38.0	1,847.5	-23.3	-19.8
2018	24.8	-1.6	113.7	-72.4	48.7	68.4
2019	-11.5	-7.4	-2.0	-74.2	-52.8	-0.5
2003 1 Qtr.	39.3	35.7	10.1	(4/)	71.9	34.5
2 Qtr.	100.4	13.4	1,333.8	(4/)	0.5	44.7
3 Qtr.	-12.1	-8.1	61.4	(4/)	-31.9	-17.9
4 Qtr.	-7.4	0.8	-50.7	(4/)	-26.4	13.2
2004 1 Qtr.	-44.5	-45.9	-67.1	(4/)	-51.0	-18.9
2 Qtr.	-88.8	-43.8	(4/)	(4/)	-25.7	-6.4
3 Qtr.	-15.3	-39.1	-30.0	(4/)	-0.7	72.9
4 Qtr.	-17.9	-44.8	-0.2	(4/)	3.2	56.0
2005 1 Qtr.	60.8	42.6	357.0	(4/)	30.7	64.8
2 Qtr.	517.8	48.4	(4/)	(4/)	45.9	57.3
3 Qtr.	22.9	20.4	43.9	(4/)	92.4	-13.6
4 Qtr.	52.6	60.9	15.6	(4/)	167.9	-20.9
2006 1 Qtr.	-0.6	-1.8	-26.7	(4/)	57.7	-24.2
2 Qtr.	-17.5	13.0	-66.1	(4/)	10.0	-48.6
3 Qtr.	-12.6	12.6	-54.7	(4/)	-14.9	-50.0
4 Qtr.	-24.0	-11.2	-0.9	(4/)	-40.0	-31.3
2007 1 Qtr.	94.7	126.0	-27.3	(4/)	89.6	79.3
2 Qtr.	29.1	-4.5	8.3	446.0	54.6	141.2
3 Qtr.	82.2	51.2	429.8	(4/)	49.2	156.1
4 Qtr.	103.4	95.3	372.7	3,376.8	36.6	113.0
2008 1 Qtr.	-19.7	-35.0	172.2	83.3	-40.1	-1.1
2 Qtr.	-3.9	-1.1	39.0	-27.3	-32.0	6.6
3 Qtr.	0.1	-38.6	262.3	119.1	-51.4	18.8
4 Qtr.	-26.9	-36.0	-40.4	55.0	-56.6	31.2
2009 1 Qtr.	2.8	6.4	-14.1	-19.8	7.3	7.4
2 Qtr.	10.0	10.1	12.1	27.9	22.6	-1.0
3 Qtr.	20.3	117.2	-71.3	-70.0	127.7	-1.5
4 Qtr.	16.0	11.6	27.6	-90.1	158.4	-12.5
2010 1 Qtr.	28.6	26.0	99.2	-79.8	14.2	26.5
2 Qtr.	-1.3	13.2	-60.2	-78.0	23.8	-8.6
3 Qtr.	-14.0	-18.2	-2.6	-81.7	-13.7	2.2
4 Qtr.	-26.8	-21.8	-48.7	-11.1	-32.0	-19.3
2011 1 Qtr.	-32.9	-30.1	-60.9	-59.9	-36.1	-12.5
2 Qtr.	12.8	25.9	115.6	-81.0	-25.1	0.5
3 Qtr.	-18.1	-27.6	-11.0	-39.7	4.1	-18.5
4 Qtr.	35.6	71.7	59.5	-34.0	4.1	-8.5
2012 1 Qtr.	14.4	17.4	5.8	-42.3	58.2	-12.2
2 Qtr.	58.7	-7.5	520.9	-82.6	95.1	5.1
3 Qtr.	14.4	26.5	28.4	-78.0	1.5	-0.7
4 Qtr.	19.7	7.7	51.0	-95.4	44.0	18.8
2013 1 Qtr.	24.0	14.5	253.7	62.2	-14.0	-17.4
2 Qtr.	-44.2	-5.3	-85.3	678.5	-55.3	-13.7
3 Qtr.	8.5	16.8	-23.2	136.0	13.4	-3.6
4 Qtr.	-3.4	1.6	-38.8	1,208.3	-3.0	6.4
2014 1 Qtr.	16.1	-7.6	52.0	-15.3	3.2	30.5
2 Qtr.	28.4	24.8	58.2	-96.0	28.4	25.5
3 Qtr.	19.4	6.2	109.3	-98.3	-22.8	86.3
4 Qtr.	-17.3	-33.4	80.2	-99.1	-29.3	3.1
2015 1 Qtr.	-23.2	-8.5	-39.8	-99.1	-32.8	-7.4
2 Qtr.	7.6	2.1	7.4	(4/)	-11.8	39.3
3 Qtr.	-20.7	-11.3	8.5	-86.4	-44.2	-38.5
4 Qtr.	43.5	101.7	-19.0	149.8	17.2	-0.8
2016 1 Qtr.	-1.9	27.2	-35.4	-62.8	-7.8	-8.4
2 Qtr.	18.4	55.4	-14.9	(4/)	-23.1	-24.7
3 Qtr.	-3.0	1.3	-38.2	31,146.4	58.3	-18.3
4 Qtr.	-45.5	-72.8	-13.7	34,713.9	35.5	-41.4
2017 1 Qtr.	1.6	19.0	-9.9	383,860.3	-10.0	-42.0
2 Qtr.	-33.5	-40.9	10.8	(4/)	-38.1	-44.5
3 Qtr.	48.0	29.2	125.7	13,190.8	-13.1	36.4
4 Qtr.	90.3	270.1	70.4	458.1	-28.1	-6.7
2018 1 Qtr.	-0.1	-5.9	11.2	10.2	-10.3	22.8
2 Qtr.	97.1	36.7	313.1	-62.1	297.9	98.9
3 Qtr.	12.3	-6.6	76.5	-85.1	2.8	74.8
4 Qtr.	-3.4	-26.2	80.9	-84.0	8.8	59.4
2019 1 Qtr.	12.5	3.3	41.8	-61.1	5.3	32.6
2 Qtr.	-28.1	-23.6	-54.8	-81.4	-32.1	26.3
3 Qtr.	1.1	0.9	42.9	-81.6	-27.4	-27.5
4 Qtr.	-16.9	-0.8	21.9	-79.4	(4/)	-10.9
2020 1 Qtr.	7.8	9.3	16.0	-79.9	(4/)	-13.5
2 Qtr.	10.7	57.1	8.5	-60.0	-15.4	-62.4
3 Qtr.	-39.2	-12.4	(4/)	-27.3	20.7	4.3

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

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

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	**Annual**
Number of Units					
1982	785	718	2,457	2,919	6,879
1983	907	1,110	1,920	811	4,748
1984	1,153	1,655	1,249	1,406	5,463
1985	1,947	1,932	1,989	1,581	7,449
1986	2,172	1,526	1,818	1,619	7,135
1987	2,011	2,206	1,528	1,780	7,525
1988	1,751	2,469	2,624	2,049	8,893
1989	1,783	3,121	2,657	2,234	9,795
1990	2,417	2,166	1,481	2,610	8,674
1991	3,424	1,983	2,067	2,155	9,629
1992	1,837	1,542	2,607	1,333	7,319
1993	1,419	1,865	2,184	1,704	7,172
1994	1,388	1,937	2,056	2,000	7,381
1995	2,086	1,428	2,054	970	6,538
1996	976	738	1,323	852	3,889
1997	630	1,412	936	832	3,810
1998	808	788	903	857	3,356
1999	902	1,031	1,036	1,154	4,123
2000	1,108	1,147	1,265	1,233	4,753
2001	1,081	1,274	1,374	1,090	4,819
2002	877	1,618	1,679	1,672	5,846
2003	1,726	1,992	1,464	1,525	6,707
2004	2,687	2,088	1,667	2,129	8,571
2005	1,845	2,173	2,678	3,010	9,706
2006	1,941	1,699	1,764	1,579	6,983
2007	1,622	2,640	1,411	1,195	6,868
2008	919	2,017	1,001	831	4,768
2009	882	556	650	634	2,722
2010	1,354	813	714	499	3,380
2011	485	600	1,036	649	2,770
2012	636	1,008	664	947	3,255
2013	949	631	1,282	699	3,561
2014 1/	400	753	590	1,076	2,819
2015	1,410	1,131	1,205	1,502	5,248
2016	627	1,192	839	1,467	4,125
2017	949	1,188	1,344	934	4,415
2018	1,160	1,507	1,387	758	4,812
2019	926	858	788	988	3,560
2020	498	676	742	Year-to-Date	1,916
Percentage Change from the Same Period in Previous Year					
1983	15.5	54.6	-21.9	-72.2	-31.0
1984	27.1	49.1	-34.9	73.4	15.1
1985	68.9	16.7	59.2	12.4	36.4
1986	11.6	-21.0	-8.6	2.4	-4.2
1987	-7.4	44.6	-16.0	9.9	5.5
1988	-12.9	11.9	71.7	15.1	18.2
1989	1.8	26.4	1.3	9.0	10.1
1990	35.6	-30.6	-44.3	16.8	-11.4
1991	41.7	-8.4	39.6	-17.4	11.0
1992	-46.3	-22.2	26.1	-38.1	-24.0
1993	-22.8	20.9	-16.2	27.8	-2.0
1994	-2.2	3.9	-5.9	17.4	2.9
1995	50.3	-26.3	-0.1	-51.5	-11.4
1996	-53.2	-48.3	-35.6	-12.2	-40.5
1997	-35.5	91.3	-29.3	-2.3	-2.0
1998	28.3	-44.2	-3.5	3.0	-11.9
1999	11.6	30.8	14.7	34.7	22.9
2000	22.8	11.3	22.1	6.8	15.3
2001	-2.4	11.1	8.6	-11.6	1.4
2002	-18.9	27.0	22.2	53.4	21.3
2003	96.8	23.1	-12.8	-8.8	14.7
2004	55.7	4.8	13.9	39.6	27.8
2005	-31.3	4.1	60.6	41.4	13.2
2006	5.2	-21.8	-34.1	-47.5	-28.1
2007	-16.4	55.4	-20.0	-24.3	-1.6
2008	-43.3	-23.6	-29.1	-30.5	-30.6
2009	-4.0	-72.4	-35.1	-23.7	-42.9
2010	53.5	46.2	9.8	-21.3	24.2
2011	-64.2	-26.2	45.1	30.1	-18.0
2012	31.1	68.0	-35.9	45.9	17.5
2013	49.2	-37.4	93.1	-26.2	9.4
2014 1/	-57.9	19.3	-54.0	53.9	-20.8
2015	252.5	50.2	104.2	39.6	86.2
2016	-55.5	5.4	-30.4	-2.3	-21.4
2017	51.4	-0.3	60.2	-36.3	7.0
2018	22.2	26.9	3.2	-18.8	9.0
2019	-20.2	-43.1	-43.2	30.3	-26.0
2020	-46.2	-21.2	-5.8	Year-to-Date	-25.5

1/ Includes County of Hawaii Q1 Permit issued for one unit as Category R-4 'Group living facility'.
Source: County building departments and U.S. Census Bureau.

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

Year	*First Quarter*	*Second Quarter*	*Third Quarter*	*Fourth Quarter*	***Annual***
Number of Units					
1982	472	536	626	651	2,285
1983	896	952	862	707	3,417
1984	1,092	1,324	1,115	911	4,442
1985	796	1,236	1,644	1,269	4,945
1986	925	1,227	1,309	1,195	4,656
1987	1,523	1,639	1,429	1,475	6,066
1988	1,323	1,767	2,096	1,114	6,300
1989	1,474	1,620	1,993	1,777	6,864
1990	1,922	1,476	1,132	1,472	6,002
1991	1,094	1,010	1,303	1,419	4,826
1992	1,317	1,058	1,388	816	4,579
1993	1,147	1,309	1,064	1,228	4,748
1994	961	963	1,426	1,226	4,576
1995	796	1,138	1,180	778	3,892
1996	756	630	882	540	2,808
1997	533	757	784	628	2,702
1998	679	742	748	785	2,954
1999	799	858	776	983	3,416
2000	976	1,114	1,004	1,014	4,108
2001	1,035	1,095	1,014	781	3,925
2002	839	1,218	1,259	1,218	4,534
2003	1,385	1,648	1,326	1,432	5,791
2004	1,451	1,395	1,335	1,320	5,501
2005	1,708	1,578	1,991	1,660	6,937
2006	1,647	1,415	1,484	1,181	5,727
2007	1,173	1,338	1,151	1,110	4,772
2008	886	931	801	419	3,037
2009	713	529	614	481	2,337
2010	401	529	487	445	1,862
2011	401	461	407	394	1,663
2012	427	534	548	455	1,964
2013	411	603	612	578	2,204
2014	399	645	590	493	2,127
2015	564	732	575	509	2,380
2016	514	526	592	543	2,175
2017	555	708	648	546	2,457
2018	663	567	719	651	2,600
2019	583	609	620	580	2,392
2020	484	505	564	Year-to-Date	1,553
Percentage Change from the Same Period in Previous Year					
1983	89.8	77.6	37.7	8.6	49.5
1984	21.9	39.1	29.4	28.9	30.0
1985	-27.1	-6.6	47.4	39.3	11.3
1986	16.2	-0.7	-20.4	-5.8	-5.8
1987	64.6	33.6	9.2	23.4	30.3
1988	-13.1	7.8	46.7	-24.5	3.9
1989	11.4	-8.3	-4.9	59.5	9.0
1990	30.4	-8.9	-43.2	-17.2	-12.6
1991	-43.1	-31.6	15.1	-3.6	-19.6
1992	20.4	4.8	6.5	-42.5	-5.1
1993	-12.9	23.7	-23.3	50.5	3.7
1994	-16.2	-26.4	34.0	-0.2	-3.6
1995	-17.2	18.2	-17.3	-36.5	-14.9
1996	-5.0	-44.6	-25.3	-30.6	-27.9
1997	-29.5	20.2	-11.1	16.3	-3.8
1998	27.4	-2.0	-4.6	25.0	9.3
1999	17.7	15.6	3.7	25.2	15.6
2000	22.2	29.8	29.4	3.2	20.3
2001	6.0	-1.7	1.0	-23.0	-4.5
2002	-18.9	11.2	24.2	56.0	15.5
2003	65.1	35.3	5.3	17.6	27.7
2004	4.8	-15.4	0.7	-7.8	-5.0
2005	17.7	13.1	49.1	25.8	26.1
2006	-3.6	-10.3	-25.5	-28.9	-17.4
2007	-28.8	-5.4	-22.4	-6.0	-16.7
2008	-24.5	-30.4	-30.4	-62.3	-36.4
2009	-19.5	-43.2	-23.3	14.8	-23.0
2010	-43.8	0.0	-20.7	-7.5	-20.3
2011	0.0	-12.9	-16.4	-11.5	-10.7
2012	6.5	15.8	34.6	15.5	18.1
2013	-3.7	12.9	11.7	27.0	12.2
2014	-2.9	7.0	-3.6	-14.7	-3.5
2015	41.4	13.5	-2.5	3.2	11.9
2016	-8.9	-28.1	3.0	6.7	-8.6
2017	8.0	34.6	9.5	0.6	13.0
2018	19.5	-19.9	11.0	19.2	5.8
2019	-12.1	7.4	-13.8	-10.9	-8.0
2020	-17.0	-17.1	-9.0	Year-to-Date	-14.3

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

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

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	**Annual**
Number of Units					
1982	313	182	1,831	2,268	4,594
1983	11	158	1,058	104	1,331
1984	61	331	134	495	1,021
1985	1,151	696	345	312	2,504
1986	1,247	299	509	424	2,479
1987	488	567	99	305	1,459
1988	428	702	528	935	2,593
1989	309	1,501	664	457	2,931
1990	495	690	349	1,138	2,672
1991	2,330	973	764	736	4,803
1992	520	484	1,219	517	2,740
1993	272	556	1,120	476	2,424
1994	427	974	630	774	2,805
1995	1,290	290	874	192	2,646
1996	220	108	441	312	1,081
1997	97	655	152	204	1,108
1998	129	46	155	72	402
1999	103	173	260	171	707
2000	132	33	261	219	645
2001	46	179	360	309	894
2002	38	400	420	454	1,312
2003	341	344	138	93	916
2004	1,236	693	332	809	3,070
2005	137	595	687	1,350	2,769
2006	294	284	280	398	1,256
2007	449	1,302	260	85	2,096
2008	33	1,086	200	412	1,731
2009	169	27	36	153	385
2010	953	284	227	54	1,518
2011	84	139	629	255	1,107
2012	209	474	116	492	1,291
2013	538	28	670	121	1,357
2014 1/	1	108	0	583	692
2015	846	399	630	993	2,868
2016	113	666	247	924	1,950
2017	394	480	696	388	1,958
2018	497	940	668	107	2,212
2019	343	249	168	408	1,168
2020	14	171	178	Year-to-Date	363
Percentage Change from the Same Period in Previous Year					
1983	-96.5	-13.2	-42.2	-95.4	-71.0
1984	454.5	109.5	-87.3	376.0	-23.3
1985	1,786.9	110.3	157.5	-37.0	145.2
1986	8.3	-57.0	47.5	35.9	-1.0
1987	-60.9	89.6	-80.6	-28.1	-41.1
1988	-12.3	23.8	433.3	206.6	77.7
1989	-27.8	113.8	25.8	-51.1	13.0
1990	60.2	-54.0	-47.4	149.0	-8.8
1991	370.7	41.0	118.9	-35.3	79.8
1992	-77.7	-50.3	59.6	-29.8	-43.0
1993	-47.7	14.9	-8.1	-7.9	-11.5
1994	57.0	75.2	-43.8	62.6	15.7
1995	202.1	-70.2	38.7	-75.2	-5.7
1996	-82.9	-62.8	-49.5	62.5	-59.1
1997	-55.9	506.5	-65.5	-34.6	2.5
1998	33.0	-93.0	2.0	-64.7	-63.7
1999	-20.2	276.1	67.7	137.5	75.9
2000	28.2	-80.9	0.4	28.1	-8.8
2001	-65.2	442.4	37.9	41.1	38.6
2002	-17.4	123.5	16.7	46.9	46.8
2003	797.4	-14.0	-67.1	-79.5	-30.2
2004	262.5	101.5	140.6	769.9	235.2
2005	-88.9	-14.1	106.9	66.9	-9.8
2006	114.6	-52.3	-59.2	-70.5	-54.6
2007	52.7	358.5	-7.1	-78.6	66.9
2008	-92.7	-16.6	-23.1	384.7	-17.4
2009	412.1	-97.5	-82.0	-62.9	-77.8
2010	463.9	951.9	530.6	-64.7	294.3
2011	-91.2	-51.1	177.1	372.2	-27.1
2012	148.8	241.0	-81.6	92.9	16.6
2013	157.4	-94.1	477.6	-75.4	5.1
2014 1/	-99.8	285.7	(2/)	381.8	-49.0
2015	84,500.0	269.4	(2/)	70.3	314.5
2016	-86.6	66.9	-60.8	-6.9	-32.0
2017	248.7	-27.9	181.8	-58.0	0.4
2018	26.1	95.8	-4.0	-72.4	13.0
2019	-31.0	-73.5	-74.9	281.3	-47.2
2020	-95.9	-31.3	6.0	Year-to-Date	-52.2

1/ Q1 Permit issued for one unit as Category R-4 'Group living facility'.
2/ Percentage change calculations involving zero not meaningful.
Source: County building departments and U.S. Census Bureau.

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

Year	*First Quarter*	*Second Quarter*	*Third Quarter*	*Fourth Quarter*	***Annual Average***
Index Numbers January 1992 = 100					
1982	65.4	64.5	65.0	66.3	65.3
1983	69.6	71.0	72.4	73.1	71.5
1984	74.7	74.3	74.5	75.0	74.6
1985	76.1	75.7	77.6	77.2	76.7
1986	78.5	78.1	79.1	81.5	79.3
1987	80.9	81.3	82.5	83.6	82.1
1988	86.7	85.4	86.6	88.0	86.7
1989	89.5	90.5	90.3	91.5	90.5
1990	91.6	92.5	97.3	99.0	95.1
1991	98.6	97.7	98.3	99.1	98.4
1992	101.5	102.7	103.1	103.3	102.7
1993	108.2	114.9	112.2	110.6	111.5
1994	118.4	124.3	121.6	120.5	121.2
1995	117.6	117.8	118.3	119.3	118.2
1996	120.7	122.5	129.3	129.6	125.6
1997	128.1	129.2	130.2	129.7	129.3
1998	129.3	129.2	129.1	129.0	129.2
1999	129.7	131.0	128.7	129.8	129.8
2000	132.1	133.8	136.3	138.7	135.2
2001	139.6	141.6	143.4	145.8	142.6
2002	147.3	148.7	150.5	152.9	149.9
2003	154.0	154.3	154.6	155.8	154.7
2004	159.0	162.4	164.1	167.0	163.1
2005	167.5	173.0	178.2	181.7	175.1
2006	185.6	188.7	193.8	201.5	192.4
2007	203.8	204.8	207.0	214.8	207.6
2008	215.6	216.1	218.4	226.9	219.2
2009	221.2	218.5	221.5	227.9	222.3
2010	222.3	218.2	222.0	223.9	221.6
2011	226.7	223.9	227.1	227.1	226.2
2012	232.4	229.8	233.4	233.2	232.2
2013	239.8	240.9	245.8	249.2	243.9
2014	253.7	255.6	264.0	267.7	260.3
2015	272.7	268.4	275.1	278.4	273.6
2016	277.4	271.0	283.3	282.9	278.6
2017	280.5	274.8	285.0	283.7	281.0
2018	278.8	274.4	287.6	287.4	282.1
2019	284.1	281.8	300.0	296.9	290.7
2020 1/	293.5	290.5	302.3	Year-to-Date	295.4
Percentage Change from the Same Period in Previous Year					
1983	6.4	10.1	11.4	10.3	9.5
1984	7.3	4.6	2.9	2.6	4.3
1985	1.9	1.9	4.2	2.9	2.7
1986	3.2	3.2	1.9	5.6	3.5
1987	3.1	4.1	4.3	2.6	3.5
1988	7.2	5.0	5.0	5.3	5.6
1989	3.2	6.0	4.3	4.0	4.4
1990	2.3	2.2	7.8	8.2	5.1
1991	7.6	5.6	1.0	0.1	3.5
1992	2.9	5.1	4.9	4.2	4.3
1993	6.6	11.9	8.8	7.1	8.6
1994	9.4	8.2	8.4	9.0	8.7
1995	-0.7	-5.2	-2.7	-1.0	-2.4
1996	2.7	4.0	9.3	8.7	6.2
1997	6.1	5.4	0.7	0.1	3.0
1998	0.9	0.0	-0.8	-0.5	-0.1
1999	0.3	1.4	-0.3	0.6	0.5
2000	1.9	2.1	5.9	6.9	4.2
2001	5.7	5.8	5.2	5.1	5.4
2002	5.5	5.0	5.0	4.8	5.1
2003	4.6	3.7	2.7	1.9	3.2
2004	3.2	5.2	6.1	7.2	5.4
2005	5.4	6.5	8.6	8.8	7.4
2006	10.8	9.1	8.8	10.9	9.9
2007	9.8	8.5	6.8	6.6	7.9
2008	5.8	5.5	5.5	5.6	5.6
2009	2.6	1.1	1.4	0.5	1.4
2010	0.5	-0.1	0.2	-1.8	-0.3
2011	2.0	2.6	2.3	1.4	2.1
2012	2.5	2.7	2.8	2.7	2.6
2013	3.2	4.8	5.3	6.9	5.1
2014	5.8	6.1	7.4	7.4	6.7
2015	7.5	5.0	4.2	4.0	5.1
2016	1.7	1.0	3.0	1.6	1.8
2017	1.1	1.4	0.6	0.3	0.8
2018	-0.6	-0.1	0.9	1.3	0.4
2019	1.9	2.7	4.3	3.3	3.1
2020 1/	3.3	3.1	0.8	Year-to-Date	2.4

1/ Preliminary.

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

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

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

Year	*First Quarter*	*Second Quarter*	*Third Quarter*	*Fourth Quarter*	***Annual Average***
Index Numbers January 1992 = 100					
1982	67.0	66.1	66.7	68.6	67.1
1983	71.4	71.0	71.7	72.7	71.7
1984	75.0	73.9	74.1	74.6	74.4
1985	76.2	75.0	76.7	76.8	76.2
1986	78.5	77.4	78.1	79.5	78.4
1987	80.3	81.0	81.3	81.3	81.0
1988	84.7	83.4	84.3	86.0	84.6
1989	88.1	89.1	89.2	91.0	89.4
1990	90.8	92.0	98.5	100.2	95.4
1991	99.6	98.7	99.6	99.0	99.2
1992	99.7	98.5	99.6	100.0	99.5
1993	102.7	103.3	104.0	105.8	104.0
1994	107.7	109.1	109.6	113.2	109.9
1995	113.5	113.5	114.2	115.3	114.1
1996	115.8	116.0	117.4	118.3	116.9
1997	118.3	119.8	119.8	119.3	119.3
1998	119.3	119.3	119.4	119.4	119.4
1999	120.0	121.2	121.9	121.1	121.1
2000	122.7	124.2	128.7	130.9	126.6
2001	131.7	133.7	134.9	136.2	134.1
2002	137.5	138.8	139.9	141.6	139.5
2003	142.9	143.2	143.6	144.9	143.7
2004	147.8	151.0	152.4	155.3	151.6
2005	155.7	156.9	160.4	165.0	159.5
2006	168.9	171.4	175.0	181.4	174.2
2007	184.6	185.5	187.5	194.3	188.0
2008	196.0	196.7	198.2	205.4	199.1
2009	201.5	199.9	202.8	205.6	202.5
2010	202.3	199.8	202.8	202.8	201.9
2011	205.6	205.2	207.7	208.3	206.7
2012	212.2	211.8	214.0	214.6	213.1
2013	219.4	222.1	226.0	228.4	224.0
2014	233.0	236.1	242.7	245.3	239.3
2015	250.4	245.8	252.4	254.6	250.8
2016	254.8	250.0	257.0	255.9	254.4
2017	256.9	253.0	257.5	255.9	255.8
2018	256.4	253.0	260.6	258.5	257.1
2019	260.9	258.8	272.8	264.4	264.2
2020 1/	267.1	264.8	272.7	Year-to-Date	268.2
Percentage Change from the Same Period in Previous Year					
1983	6.6	7.4	7.5	6.0	6.9
1984	5.0	4.1	3.3	2.6	3.8
1985	1.6	1.5	3.5	2.9	2.4
1986	3.0	3.2	1.8	3.5	2.9
1987	2.3	4.7	4.1	2.3	3.3
1988	5.5	3.0	3.7	5.8	4.5
1989	4.0	6.8	5.8	5.8	5.6
1990	3.1	3.3	10.4	10.1	6.7
1991	9.7	7.3	1.1	-1.2	4.0
1992	0.1	-0.2	0.0	1.0	0.2
1993	3.0	4.9	4.4	5.8	4.5
1994	4.9	5.6	5.4	7.0	5.7
1995	5.4	4.1	4.2	1.8	3.9
1996	2.0	2.1	2.7	2.6	2.4
1997	2.1	3.3	2.1	0.8	2.1
1998	0.9	-0.4	-0.3	0.1	0.1
1999	0.6	1.6	2.1	1.4	1.4
2000	2.3	2.5	5.6	8.1	4.6
2001	7.3	7.6	4.8	4.0	5.9
2002	4.4	3.8	3.7	4.0	4.0
2003	4.0	3.2	2.6	2.3	3.0
2004	3.4	5.4	6.2	7.2	5.5
2005	5.4	3.9	5.2	6.3	5.2
2006	8.4	9.2	9.1	9.9	9.2
2007	9.3	8.2	7.2	7.1	7.9
2008	6.2	6.0	5.7	5.7	5.9
2009	2.8	1.6	2.3	0.1	1.7
2010	0.4	-0.1	0.0	-1.4	-0.3
2011	1.6	2.7	2.4	2.7	2.4
2012	3.2	3.2	3.1	3.0	3.1
2013	3.4	4.9	5.6	6.5	5.1
2014	6.2	6.3	7.4	7.4	6.8
2015	7.5	4.1	4.0	3.8	4.8
2016	1.8	1.7	1.8	0.5	1.4
2017	0.8	1.2	0.2	0.0	0.5
2018	-0.2	0.0	1.2	1.0	0.5
2019	1.8	2.3	4.7	2.3	2.8
2020 1/	2.4	2.3	0.0	Year-to-Date	1.5

1/ Preliminary.

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

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

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

Year	State	City & County of Honolulu	Hawaii County	Kauai County	Maui County
		In Thousands of Dollars			
1982	683,124	473,009	75,175	44,237	90,703
1983	685,205	366,828	86,653	140,456	91,269
1984	581,497	378,299	90,349	53,010	59,839
1985	888,935	525,322	121,442	63,627	178,543
1986	1,023,476	545,558	231,499	92,498	153,920
1987	1,161,897	749,472	145,157	103,481	163,786
1988	1,546,474	743,056	181,228	213,678	408,508
1989	1,882,397	1,048,284	338,060	178,689	317,364
1990	2,101,768	998,922	429,962	238,968	433,916
1991	2,151,849	1,462,676	369,453	118,547	201,173
1992	1,751,871	1,060,701	379,157	111,097	200,915
1993	1,505,420	966,505	248,183	87,557	203,177
1994	1,612,899	1,073,264	181,059	164,681	193,894
1995	1,531,317	980,703	267,108	78,918	204,588
1996	1,117,760	698,697	171,017	101,981	146,065
1997	1,179,182	772,825	155,776	97,808	152,773
1998	1,054,281	624,226	178,220	88,196	163,638
1999	1,320,218	706,358	243,852	140,846	229,162
1/ 2000	1,512,601	694,223	321,704	141,313	355,360
2/ 2001	1,585,739	682,660	380,249	210,094	312,737
2/ 2002	1,772,027	876,049	449,601	172,660	273,716
2/ 2003	2,361,233	1,109,568	629,147	153,242	469,277
2/ 2004	2,726,536	1,320,552	826,494	130,659	448,831
2/ 2005	3,491,964	1,364,030	1,008,386	288,132	831,416
2/ 2006	3,770,051	1,625,328	926,019	239,294	979,412
2/ 2007	3,585,447	1,676,232	912,529	268,915	727,772
2/ 2008	2,906,578	1,481,272	704,317	277,149	443,840
2/ 2009	1,998,908	1,247,196	309,165	218,111	224,437
2/ 2010	1,980,296	1,357,314	360,328	68,047	194,607
2/ 2011	1,858,763	1,272,923	282,638	59,520	243,683
2/ 2012	2,643,840	1,769,454	427,394	79,998	366,994
2/ 2013	2,720,519	1,866,352	443,739	85,413	325,014
2/ 2014	3,315,078	2,072,202	697,063	102,195	443,617
2/ 2015	3,963,607	2,436,954	689,454	105,707	731,491
2/ 2016	3,240,649	2,141,467	576,015	138,481	384,686
2/ 2017	3,127,828	2,007,815	497,218	145,266	477,528
2/ 2018	3,268,292	1,985,648	578,662	144,149	559,832
2/ 2019	3,221,446	2,063,293	552,078	123,067	483,008
1998 1 Qtr.	260,420	162,674	52,080	19,545	26,121
2 Qtr.	246,650	137,076	46,215	21,988	41,371
3 Qtr.	295,956	176,139	40,590	22,169	57,057
4 Qtr.	251,255	148,336	39,335	24,494	39,090
1999 1 Qtr.	342,875	209,028	50,412	37,397	46,038
2 Qtr.	314,335	166,196	50,185	28,112	69,842
3 Qtr.	314,044	148,771	50,609	48,550	66,114
4 Qtr.	348,963	182,363	92,647	26,786	47,167
2000 1 Qtr.	351,834	141,703	80,178	32,445	97,507
2 Qtr.	392,906	188,425	68,330	31,016	105,134
3 Qtr.	377,419	158,598	73,099	47,603	98,120
1/ 4 Qtr.	390,442	205,497	100,097	30,249	54,598
2/ 2001 1 Qtr.	362,528	170,365	62,365	44,834	84,964
2/ 2 Qtr.	423,640	193,982	81,572	66,422	81,664
2/ 3 Qtr.	420,978	175,866	136,244	36,635	72,233
2/ 4 Qtr.	378,595	142,447	100,068	62,203	73,876
2/ 2002 1 Qtr.	336,282	157,413	83,863	40,599	54,407
2/ 2 Qtr.	437,085	204,882	110,402	56,965	64,836
2/ 3 Qtr.	497,553	250,253	148,128	29,271	69,900
2/ 4 Qtr.	501,107	263,501	107,209	45,825	84,573
2/ 2003 1 Qtr.	655,130	307,096	170,277	32,415	145,343
2/ 2 Qtr.	716,692	359,180	158,470	36,133	162,910
2/ 3 Qtr.	530,971	242,783	165,096	44,687	78,405
2/ 4 Qtr.	458,439	200,509	135,304	40,006	82,620
2/ 2004 1 Qtr.	780,750	407,757	217,871	24,331	130,791
2/ 2 Qtr.	718,866	397,720	196,694	34,962	89,489
2/ 3 Qtr.	597,587	257,839	182,630	39,979	117,139
2/ 4 Qtr.	629,333	257,236	229,300	31,386	111,411
2/ 2005 1 Qtr.	706,535	304,995	167,017	126,327	108,196
2/ 2 Qtr.	728,526	342,851	191,238	86,170	108,267
2/ 3 Qtr.	1,050,547	308,329	373,320	42,191	326,707
2/ 4 Qtr.	1,006,356	407,855	276,812	33,443	288,246
2/ 2006 1 Qtr.	766,238	299,983	257,258	28,616	180,380
2/ 2 Qtr.	908,136	406,075	217,061	70,557	214,443
2/ 3 Qtr.	1,051,476	473,556	254,057	91,856	232,007
2/ 4 Qtr.	1,044,202	445,714	197,642	48,265	352,582
2/ 2007 1 Qtr.	737,121	353,732	209,681	58,575	115,132
2/ 2 Qtr.	1,085,692	540,310	306,363	41,091	197,928
2/ 3 Qtr.	896,293	469,854	188,762	102,612	135,064
2/ 4 Qtr.	866,342	312,336	207,722	66,637	279,648
2/ 2008 1 Qtr.	741,141	309,828	243,855	79,728	107,730
2/ 2 Qtr.	1,048,550	528,685	186,956	91,645	241,264
2/ 3 Qtr.	690,037	379,567	175,904	88,683	45,883
2/ 4 Qtr.	426,849	263,191	97,602	17,094	48,963
2/ 2009 1 Qtr.	542,152	247,996	80,818	140,896	72,440
2/ 2 Qtr.	470,698	316,321	73,362	22,792	58,223
2/ 3 Qtr.	558,792	391,101	86,925	36,298	44,469
2/ 4 Qtr.	427,266	291,778	68,060	18,124	49,304
2/ 2010 1 Qtr.	455,332	302,902	98,826	16,472	37,133
2/ 2 Qtr.	537,311	371,068	100,001	12,598	53,645
2/ 3 Qtr.	552,365	400,829	76,920	21,661	52,955
2/ 4 Qtr.	435,288	282,516	84,582	17,317	50,874
2/ 2011 1 Qtr.	380,874	262,764	66,539	17,222	34,348
2/ 2 Qtr.	438,364	313,380	69,836	16,353	38,795
2/ 3 Qtr.	537,695	351,662	97,829	11,838	76,366
2/ 4 Qtr.	501,830	345,117	48,433	14,107	94,174
2/ 2012 1 Qtr.	556,688	318,047	68,366	14,463	155,812
2/ 2 Qtr.	647,291	445,237	114,845	18,931	68,278
2/ 3 Qtr.	686,626	439,663	132,026	29,694	85,243
2/ 4 Qtr.	753,236	566,507	112,158	16,910	57,661
2/ 2013 1 Qtr.	629,074	477,417	85,234	15,178	51,245
2/ 2 Qtr.	714,032	431,670	114,980	19,923	147,459
2/ 3 Qtr.	688,435	492,797	114,104	24,350	57,184
2/ 4 Qtr.	688,977	464,468	129,421	25,962	69,126
2/ 2014 1 Qtr.	758,392	474,522	99,031	15,514	169,325
2/ 2 Qtr.	806,458	468,094	233,543	27,598	77,222
2/ 3 Qtr.	789,623	543,927	138,863	26,516	80,318
2/ 4 Qtr.	960,605	585,659	225,626	32,567	116,753
2/ 2015 1 Qtr.	1,297,604	711,333	138,610	18,758	428,904
2/ 2 Qtr.	840,376	465,408	214,771	34,383	125,814
2/ 3 Qtr.	892,195	588,188	167,353	29,136	107,517
2/ 4 Qtr.	933,431	672,024	168,720	23,430	69,256
2/ 2016 1 Qtr.	545,567	341,486	90,105	21,856	92,120
2/ 2 Qtr.	960,150	607,763	216,414	42,409	93,564
2/ 3 Qtr.	889,375	629,829	144,063	39,914	75,569
2/ 4 Qtr.	845,557	562,389	125,433	34,302	123,433
2/ 2017 1 Qtr.	919,507	627,931	122,886	29,191	139,499
2/ 2 Qtr.	821,035	557,380	105,175	28,294	130,186
2/ 3 Qtr.	722,367	463,709	99,947	52,918	105,793
2/ 4 Qtr.	664,919	358,796	169,210	34,863	102,050
2/ 2018 1 Qtr.	699,830	394,041	141,494	37,576	126,719
2/ 2 Qtr.	1,108,592	755,318	114,784	47,491	190,998
2/ 3 Qtr.	743,220	393,711	182,737	37,217	129,555
2/ 4 Qtr.	716,650	442,578	139,646	21,865	112,560
2/ 2019 1 Qtr.	761,026	524,146	125,297	30,500	81,083
2/ 2 Qtr.	808,957	525,065	121,073	30,280	132,538
2/ 3 Qtr.	798,767	457,271	175,333	29,908	136,255
2/ 4 Qtr.	852,697	556,811	130,375	32,379	133,132
2/ 2020 1 Qtr.	784,793	438,633	165,242	35,273	145,645
2/ 2 Qtr.	693,130	356,013	167,021	36,476	133,619
2/ 3 Qtr.	843,222	577,771	133,443	61,051	70,958

1/ Kauai County data for November consist of residential data only.

2/ Beginning with 2002, Kauai data available for residential only. Values shown for 2001 are all private authorizations however, change 2001-2002 is based on residential only or 2001Q1 of 32,006; 2001Q2 of 22,290; 2001Q3 of 26,613; 2001Q4 of 53,344 and

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

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

Year	State	City & County of Honolulu	Hawaii County	Kauai County	Maui County
Percentage Change From The Same Period in Previous Year					
1983	0.3	-22.4	15.3	217.5	0.6
1984	-15.1	3.1	4.3	-62.3	-34.4
1985	52.9	38.9	34.4	20.0	198.4
1986	15.1	3.9	90.6	45.4	-13.8
1987	13.5	37.4	-37.3	11.9	6.4
1988	33.1	-0.9	24.8	106.5	149.4
1989	21.7	41.1	86.5	-16.4	-22.3
1990	11.7	-4.7	27.2	33.7	36.7
1991	2.4	46.4	-14.1	-50.4	-53.6
1992	-18.6	-27.5	2.6	-6.3	-0.1
1993	-14.1	-8.9	-34.5	-21.2	1.1
1994	7.1	11.0	-27.0	88.1	-4.6
1995	-5.1	-8.6	47.5	-52.1	5.5
1996	-27.0	-28.8	-36.0	29.2	-28.6
1997	5.5	10.6	-8.9	-4.1	4.6
1998	-10.6	-19.2	14.4	-9.8	7.1
1999	25.2	13.2	36.8	59.7	40.0
1/ 2000	14.6	-1.7	31.9	0.3	55.1
2/ 2001	4.8	-1.7	18.2	48.7	-12.0
2/ 2002	11.7	28.3	18.2	-17.8	-12.5
2/ 2003	33.3	26.7	39.9	-11.2	71.4
2/ 2004	15.5	19.0	31.4	-14.7	-4.4
2/ 2005	28.1	3.3	22.0	120.5	85.2
2/ 2006	8.0	19.2	-8.2	-16.9	17.8
2/ 2007	-4.9	3.1	-1.5	12.4	-25.7
2/ 2008	-18.9	-11.6	-22.8	3.1	-39.0
2/ 2009	-31.2	-15.8	-56.1	-21.3	-49.4
2/ 2010	-0.9	8.8	16.5	-68.8	-13.3
2/ 2011	-6.1	-6.2	-21.6	-12.5	25.2
2/ 2012	42.2	39.0	51.2	34.4	50.6
2/ 2013	2.9	5.5	3.8	6.8	-11.4
2/ 2014	21.9	11.0	57.1	19.6	36.5
2/ 2015	19.6	17.6	-1.1	3.4	64.9
2/ 2016	-18.2	-12.1	-16.5	31.0	-47.4
2/ 2017	-3.5	-6.2	-13.7	4.9	24.1
2/ 2018	4.5	-1.1	16.4	-0.8	17.2
2/ 2019	-1.4	3.9	-4.6	-14.6	-13.7
1999 1 Qtr.	31.7	28.5	-3.2	91.3	76.3
2 Qtr.	27.4	21.2	8.6	27.9	68.8
3 Qtr.	6.1	-15.5	24.7	119.0	15.9
4 Qtr.	38.9	22.9	135.5	9.4	20.7
2000 1 Qtr.	2.6	-32.2	59.0	-13.2	111.8
2 Qtr.	25.0	13.4	36.2	10.3	50.5
3 Qtr.	20.2	6.6	44.4	-2.0	48.4
1/ 4 Qtr.	11.9	12.7	8.0	12.9	15.8
2/ 2001 1 Qtr.	3.0	20.2	-22.2	38.2	-12.9
2/ 2 Qtr.	7.8	2.9	19.4	114.2	-22.3
2/ 3 Qtr.	11.5	10.9	86.4	-23.0	-26.4
2/ 4 Qtr.	-3.0	-30.7	0.0	105.6	35.3
2/ 2002 1 Qtr.	-7.2	-7.6	34.5	26.8	-36.0
2/ 2 Qtr.	3.2	5.6	35.3	155.6	-20.6
2/ 3 Qtr.	18.2	42.3	8.7	10.0	-3.2
2/ 4 Qtr.	32.4	85.0	7.1	-14.1	14.5
2/ 2003 1 Qtr.	94.8	95.1	103.0	-20.2	167.1
2/ 2 Qtr.	64.0	75.3	43.5	-36.6	151.3
2/ 3 Qtr.	6.7	-3.0	11.5	52.7	12.2
2/ 4 Qtr.	-8.5	-23.9	26.2	-12.7	-2.3
2/ 2004 1 Qtr.	19.2	32.8	28.0	-24.9	-10.0
2/ 2 Qtr.	0.3	10.7	24.1	-3.2	-45.1
2/ 3 Qtr.	12.5	6.2	10.6	-10.5	49.4
2/ 4 Qtr.	37.3	28.3	69.5	-21.5	34.8
2/ 2005 1 Qtr.	-9.5	-25.2	-23.3	419.2	-17.3
2/ 2 Qtr.	1.3	-13.8	-2.8	146.5	21.0
2/ 3 Qtr.	75.8	19.6	104.4	5.5	178.9
2/ 4 Qtr.	59.9	58.6	20.7	6.6	158.7
2/ 2006 1 Qtr.	8.5	-1.6	54.0	-77.3	66.7
2/ 2 Qtr.	24.7	18.4	13.5	-18.1	98.1
2/ 3 Qtr.	0.1	53.6	-31.9	117.7	-29.0
2/ 4 Qtr.	3.8	9.3	-28.6	44.3	22.3
2/ 2007 1 Qtr.	-3.8	17.9	-18.5	104.7	-36.2
2/ 2 Qtr.	19.6	33.1	41.1	-41.8	-7.7
2/ 3 Qtr.	-14.8	-0.8	-25.7	11.7	-41.8
2/ 4 Qtr.	-17.0	-29.9	5.1	38.1	-20.7
2/ 2008 1 Qtr.	0.5	-12.4	16.3	36.1	-6.4
2/ 2 Qtr.	-3.4	-2.2	-39.0	123.0	21.9
2/ 3 Qtr.	-23.0	-19.2	-6.8	-13.6	-66.0
2/ 4 Qtr.	-50.7	-15.7	-53.0	-74.3	-82.5
2/ 2009 1 Qtr.	-26.8	-20.0	-66.9	76.7	-32.8
2/ 2 Qtr.	-55.1	-40.2	-60.8	-75.1	-75.9
2/ 3 Qtr.	-19.0	3.0	-50.6	-59.1	-3.1
2/ 4 Qtr.	0.1	10.9	-30.3	6.0	0.7
2/ 2010 1 Qtr.	-16.0	22.1	22.3	-88.3	-48.7
2/ 2 Qtr.	14.2	17.3	36.3	-44.7	-7.9
2/ 3 Qtr.	-1.2	2.5	-11.5	-40.3	19.1
2/ 4 Qtr.	1.9	-3.2	24.3	-4.5	3.2
2/ 2011 1 Qtr.	-16.4	-13.3	-32.7	4.6	-7.5
2/ 2 Qtr.	-18.4	-15.5	-30.2	29.8	-27.7
2/ 3 Qtr.	-2.7	-12.3	27.2	-45.3	44.2
2/ 4 Qtr.	15.3	22.2	-42.7	-18.5	85.1
2/ 2012 1 Qtr.	46.2	21.0	2.7	-16.0	353.6
2/ 2 Qtr.	47.7	42.1	64.4	15.8	76.0
2/ 3 Qtr.	27.7	25.0	35.0	150.8	11.6
2/ 4 Qtr.	50.1	64.1	131.6	19.9	-38.8
2/ 2013 1 Qtr.	13.0	50.1	24.7	4.9	-67.1
2/ 2 Qtr.	10.3	-3.0	0.1	5.2	116.0
2/ 3 Qtr.	0.3	12.1	-13.6	-18.0	-32.9
2/ 4 Qtr.	-8.5	-18.0	15.4	53.5	19.9
2/ 2014 1 Qtr.	20.6	-0.6	16.2	2.2	230.4
2/ 2 Qtr.	12.9	8.4	103.1	38.5	-47.6
2/ 3 Qtr.	14.7	10.4	21.7	8.9	40.5
2/ 4 Qtr.	39.4	26.1	74.3	25.4	68.9
2/ 2015 1 Qtr.	71.1	49.9	40.0	20.9	153.3
2/ 2 Qtr.	4.2	-0.6	-8.0	24.6	62.9
2/ 3 Qtr.	13.0	8.1	20.5	9.9	33.9
2/ 4 Qtr.	-2.8	14.7	-25.2	-28.1	-40.7
2/ 2016 1 Qtr.	-58.0	-52.0	-35.0	16.5	-78.5
2/ 2 Qtr.	14.3	30.6	0.8	23.3	-25.6
2/ 3 Qtr.	-0.3	7.1	-13.9	37.0	-29.7
2/ 4 Qtr.	-9.4	-16.3	-25.7	46.4	78.2
2/ 2017 1 Qtr.	68.5	83.9	36.4	33.6	51.4
2/ 2 Qtr.	-14.5	-8.3	-51.4	-33.3	39.1
2/ 3 Qtr.	-18.8	-26.4	-30.6	32.6	40.0
2/ 4 Qtr.	-21.4	-36.2	34.9	1.6	-17.3
2/ 2018 1 Qtr.	-23.9	-37.2	15.1	28.7	-9.2
2/ 2 Qtr.	35.0	35.5	9.1	67.8	46.7
2/ 3 Qtr.	2.9	-15.1	82.8	-29.7	22.5
2/ 4 Qtr.	7.8	23.4	-17.5	-37.3	10.3
2/ 2019 1 Qtr.	8.7	33.0	-11.4	-18.8	-36.0
2/ 2 Qtr.	-27.0	-30.5	5.5	-36.2	-30.6
2/ 3 Qtr.	7.5	16.1	-4.1	-19.6	5.2
2/ 4 Qtr.	19.0	25.8	-6.6	48.1	18.3
2/ 2020 1 Qtr.	3.1	-16.3	31.9	15.7	79.6
2/ 2 Qtr.	-14.3	-32.2	38.0	20.5	0.8
2/ 3 Qtr.	5.6	26.4	-23.9	104.1	-47.9

1/ Kauai County data for November consist of residential data only.

2/ Beginning with 2002, Kauai data available for residential only. Values shown for 2001 are all private authorizations however, perc change 2001-2002 is based on residential only or 2001Q1 of 32,006; 2001Q2 of 22,290; 2001Q3 of 26,613; 2001Q4 of 53,344 and 2001 c

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

Table E-9. HOME SALES BY TYPE OF HOME

Year	Number of homes			Average price of homes (in dollars)		
	Total	Sing. family	Condo	Total	Sing. family	Condo
2008	18,813	8,842	9,971	517,829	603,676	441,703
2009	16,188	8,384	7,804	466,218	530,231	397,448
2010	21,167	11,073	10,094	486,107	535,993	431,383
2011	17,092	7,626	9,466	470,407	570,928	389,425
2012	16,220	7,544	8,676	493,111	604,739	396,047
2013	17,834	8,068	9,766	541,872	682,282	425,876
2014	17,713	8,075	9,638	594,440	725,920	484,281
2015	19,355	8,227	11,128	592,447	755,414	471,964
2016	19,834	8,239	11,595	655,775	771,985	573,200
2017	20,474	8,340	12,134	697,634	802,613	625,480
2018	20,409	8,632	11,777	719,489	841,532	630,036
2019	20,110	9,187	10,923	672,232	796,752	567,502
2008 1 Qtr.	4,882	2,185	2,697	543,687	644,244	462,220
2 Qtr.	5,717	2,400	3,317	517,020	604,978	453,379
3 Qtr.	4,618	2,220	2,398	517,587	603,286	438,250
4 Qtr.	3,596	2,037	1,559	484,320	559,051	386,677
2009 1 Qtr.	3,286	1,698	1,588	455,567	545,684	359,207
2 Qtr.	3,702	2,024	1,678	457,789	532,725	367,403
3 Qtr.	4,256	2,172	2,084	436,341	504,442	365,364
4 Qtr.	4,944	2,490	2,454	505,329	540,162	469,985
2010 1 Qtr.	4,281	2,265	2,016	477,851	548,302	398,699
2 Qtr.	6,055	3,025	3,030	496,049	533,559	458,601
3 Qtr.	5,443	2,897	2,546	491,228	565,075	407,201
4 Qtr.	5,388	2,886	2,502	476,322	499,691	449,365
2011 1 Qtr.	4,011	1,820	2,191	478,389	567,098	404,701
2 Qtr.	4,512	2,077	2,435	471,072	560,662	394,655
3 Qtr.	4,283	1,947	2,336	460,414	575,039	364,876
4 Qtr.	4,286	1,782	2,504	472,223	582,315	393,875
2012 1 Qtr.	3,413	1,572	1,841	459,345	563,182	370,680
2 Qtr.	4,109	1,865	2,244	482,052	580,873	399,922
3 Qtr.	3,952	1,818	2,134	486,333	606,987	383,546
4 Qtr.	4,746	2,289	2,457	532,611	650,939	422,374
2013 1 Qtr.	3,781	1,586	2,195	526,043	662,686	427,312
2 Qtr.	4,833	2,170	2,663	545,304	686,375	430,350
3 Qtr.	4,903	2,329	2,574	538,647	661,214	427,746
4 Qtr.	4,317	1,983	2,334	555,558	718,221	417,357
2014 1 Qtr.	3,873	1,771	2,102	581,435	722,795	462,336
2 Qtr.	4,615	2,026	2,589	598,619	754,903	476,320
3 Qtr.	4,468	2,135	2,333	557,521	686,764	439,246
4 Qtr.	4,757	2,143	2,614	635,648	740,111	550,008
2015 1 Qtr.	4,504	1,835	2,669	603,120	747,432	503,902
2 Qtr.	5,392	2,178	3,214	568,069	743,037	449,500
3 Qtr.	5,055	2,227	2,828	598,615	760,720	470,960
4 Qtr.	4,404	1,987	2,417	604,299	770,405	467,744
2016 1 Qtr.	4,346	1,881	2,465	641,145	719,169	581,607
2 Qtr.	5,304	2,138	3,166	646,028	809,812	535,424
3 Qtr.	4,979	2,163	2,816	623,381	764,212	515,208
4 Qtr.	5,205	2,057	3,148	708,910	789,137	656,487
2017 1 Qtr.	4,767	1,845	2,922	645,780	783,748	558,665
2 Qtr.	5,276	2,335	2,941	631,397	763,181	526,766
3 Qtr.	5,010	2,107	2,903	701,797	769,823	652,423
4 Qtr.	5,421	2,053	3,368	803,853	898,069	746,422
2018 1 Qtr.	4,530	2,044	2,486	725,533	855,366	618,784
2 Qtr.	5,194	2,280	2,914	735,011	866,978	631,756
3 Qtr.	5,260	2,217	3,043	718,556	817,512	646,461
4 Qtr.	5,425	2,091	3,334	700,483	825,732	621,931
2019 1 Qtr.	4,270	1,838	2,432	681,143	806,527	586,383
2 Qtr.	5,618	2,403	3,215	644,817	773,779	548,427
3 Qtr.	5,299	2,544	2,755	697,998	821,080	584,343
4 Qtr.	4,923	2,402	2,521	668,055	786,489	555,212
2020 1 Qtr.	4,386	2,157	2,229	671,208	766,286	579,202
2 Qtr.	3,558	1,896	1,662	702,608	806,751	583,802
3 Qtr.	4,943	2,564	2,379	706,073	817,479	586,003

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

Table E-9. HOME SALES BY TYPE OF HOME -- Con.

Year	Number of homes			Average price of homes (in dollars)		
	Total	*Sing. family*	*Condo*	*Total*	*Sing. family*	*Condo*
Percentage Change from the Same Period in Previous Year						
2009	-14.0	-5.2	-21.7	-10.0	-12.2	-10.0
2010	30.8	32.1	29.3	4.3	1.1	8.5
2011	-19.3	-31.1	-6.2	-3.2	6.5	-9.7
2012	-5.1	-1.1	-8.3	4.8	5.9	1.7
2013	10.0	6.9	12.6	9.9	12.8	7.5
2014	-0.7	0.1	-1.3	9.7	6.4	13.7
2015	9.3	1.9	15.5	-0.3	4.1	-2.5
2016	2.5	0.1	4.2	10.7	2.2	21.4
2017	3.2	1.2	4.6	6.4	4.0	9.1
2018	-0.3	3.5	-2.9	3.1	4.8	0.7
2019	-1.5	6.4	-7.3	-6.6	-5.3	-9.9
2009 1 Qtr.	-32.7	-22.3	-41.1	-16.2	-15.3	-22.3
2 Qtr.	-35.2	-15.7	-49.4	-11.5	-11.9	-19.0
3 Qtr.	-7.8	-2.2	-13.1	-15.7	-16.4	-16.6
4 Qtr.	37.5	22.2	57.4	4.3	-3.4	21.5
2010 1 Qtr.	30.3	33.4	27.0	4.9	0.5	11.0
2 Qtr.	63.6	49.5	80.6	8.4	0.2	24.8
3 Qtr.	27.9	33.4	22.2	12.6	12.0	11.5
4 Qtr.	9.0	15.9	2.0	-5.7	-7.5	-4.4
2011 1 Qtr.	-6.3	-19.6	8.7	0.1	3.4	1.5
2 Qtr.	-25.5	-31.3	-19.6	-5.0	5.1	-13.9
3 Qtr.	-21.3	-32.8	-8.2	-6.3	1.8	-10.4
4 Qtr.	-20.5	-38.3	0.1	-0.9	16.5	-12.3
2012 1 Qtr.	-14.9	-13.6	-16.0	-4.0	-0.7	-8.4
2 Qtr.	-8.9	-10.2	-7.8	2.3	3.6	1.3
3 Qtr.	-7.7	-6.6	-8.6	5.6	5.6	5.1
4 Qtr.	10.7	28.5	-1.9	12.8	11.8	7.2
2013 1 Qtr.	10.8	0.9	19.2	14.5	17.7	15.3
2 Qtr.	17.6	16.4	18.7	13.1	18.2	7.6
3 Qtr.	24.1	28.1	20.6	10.8	8.9	11.5
4 Qtr.	-9.0	-13.4	-5.0	4.3	10.3	-1.2
2014 1 Qtr.	2.4	11.7	-4.2	10.5	9.1	8.2
2 Qtr.	-4.5	-6.6	-2.8	9.8	10.0	10.7
3 Qtr.	-8.9	-8.3	-9.4	3.5	3.9	2.7
4 Qtr.	10.2	8.1	12.0	14.4	3.0	31.8
2015 1 Qtr.	16.3	3.6	27.0	3.7	3.4	9.0
2 Qtr.	16.8	7.5	24.1	-5.1	-1.6	-5.6
3 Qtr.	13.1	4.3	21.2	7.4	10.8	7.2
4 Qtr.	-7.4	-7.3	-7.5	-4.9	4.1	-15.0
2016 1 Qtr.	-3.5	2.5	-7.6	6.3	-3.8	15.4
2 Qtr.	-1.6	-1.8	-1.5	13.7	9.0	19.1
3 Qtr.	-1.5	-2.9	-0.4	4.1	0.5	9.4
4 Qtr.	18.2	3.5	30.2	17.3	2.4	40.4
2017 1 Qtr.	9.7	-1.9	18.5	0.7	9.0	-3.9
2 Qtr.	-0.5	9.2	-7.1	-2.3	-5.8	-1.6
3 Qtr.	0.6	-2.6	3.1	12.6	0.7	26.6
4 Qtr.	4.1	-0.2	7.0	13.4	13.8	13.7
2018 1 Qtr.	-5.0	10.8	-14.9	12.3	9.1	10.8
2 Qtr.	-1.6	-2.4	-0.9	16.4	13.6	19.9
3 Qtr.	5.0	5.2	4.8	2.4	6.2	-0.9
4 Qtr.	0.1	1.9	-1.0	-12.9	-8.1	-16.7
2019 1 Qtr.	-5.7	-10.1	-2.2	-6.1	-5.7	-5.2
2 Qtr.	8.2	5.4	10.3	-12.3	-10.7	-13.2
3 Qtr.	0.7	14.7	-9.5	-2.9	0.4	-9.6
4 Qtr.	-9.3	14.9	-24.4	-4.6	-4.8	-10.7
2020 1 Qtr.	2.7	17.4	-8.3	-1.5	-5.0	-1.2
2 Qtr.	-36.7	-21.1	-48.3	9.0	4.3	6.5
3 Qtr.	-6.7	0.8	-13.6	1.2	-0.4	0.3

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

Table E-10. HOME SALES BY ORIGIN OF BUYER

Year	Number of homes purchased by			Average price of homes purchased by (in dollars)		
	Local buyers	Main-landers	Foreign buyers	Local buyers	Main-landers	Foreign buyers
2008	13,616	4,427	770	467,082	653,776	633,598
2009	11,426	4,163	599	422,650	528,042	867,617
2010	14,069	6,207	891	445,632	532,752	800,285
2011	11,889	4,349	854	433,611	507,601	793,250
2012	12,017	3,406	797	454,075	581,827	702,552
2013	13,378	3,775	681	494,544	663,508	797,359
2014	13,455	3,655	603	533,470	757,000	969,551
2015	15,077	3,698	580	546,146	751,210	783,774
2016	15,311	3,702	821	589,614	795,652	1,258,892
2017	15,835	3,917	722	629,455	866,514	1,276,758
2018	15,525	3,956	928	650,139	867,190	1,250,040
2019	15,823	3,747	540	622,960	824,451	1,059,771
2008 1 Qtr.	3,475	1,191	216	479,612	715,999	624,424
2 Qtr.	4,042	1,387	288	465,910	650,242	592,750
3 Qtr.	3,365	1,064	189	460,651	674,495	647,957
4 Qtr.	2,734	785	77	460,803	537,530	776,871
2009 1 Qtr.	2,252	918	116	396,762	571,721	677,967
2 Qtr.	2,697	920	85	420,432	559,790	539,114
3 Qtr.	3,021	1,109	126	418,820	458,472	661,637
4 Qtr.	3,456	1,216	272	444,598	534,498	1,146,571
2010 1 Qtr.	2,817	1,192	272	440,525	542,489	581,157
2 Qtr.	4,003	1,778	274	445,745	549,250	885,733
3 Qtr.	3,530	1,744	169	465,592	508,060	853,024
4 Qtr.	3,719	1,493	176	430,431	534,173	955,270
2011 1 Qtr.	2,666	1,116	229	419,258	533,637	897,540
2 Qtr.	3,012	1,263	237	425,424	511,311	836,771
3 Qtr.	3,003	1,084	196	430,889	497,059	710,109
4 Qtr.	3,208	886	192	455,775	482,415	700,016
2012 1 Qtr.	2,399	805	209	420,131	522,616	665,763
2 Qtr.	2,954	922	233	423,948	618,024	680,648
3 Qtr.	3,055	739	158	465,022	531,722	686,109
4 Qtr.	3,609	940	197	492,031	636,423	780,679
2013 1 Qtr.	2,808	804	169	470,110	673,329	754,694
2 Qtr.	3,530	1,091	212	498,919	659,666	729,136
3 Qtr.	3,719	1,037	147	497,259	626,417	966,567
4 Qtr.	3,321	843	153	507,513	704,740	776,445
2014 1 Qtr.	2,813	912	148	517,864	713,213	977,686
2 Qtr.	3,376	1,090	149	520,734	816,986	765,866
3 Qtr.	3,507	846	115	517,048	685,593	849,588
4 Qtr.	3,759	807	191	571,906	800,322	1,194,373
2015 1 Qtr.	3,330	978	196	546,018	754,174	819,539
2 Qtr.	4,242	997	153	533,277	692,860	719,528
3 Qtr.	4,063	869	123	547,655	812,638	769,871
4 Qtr.	3,442	854	108	560,350	753,431	825,715
2016 1 Qtr.	3,213	859	274	545,162	769,352	1,364,736
2 Qtr.	4,072	1,056	176	579,079	854,078	946,665
3 Qtr.	3,910	896	173	565,058	809,585	977,170
4 Qtr.	4,116	891	198	658,063	737,753	1,636,109
2017 1 Qtr.	3,724	906	137	590,797	808,386	1,065,014
2 Qtr.	3,925	1,185	166	569,676	812,090	800,864
3 Qtr.	3,946	905	159	620,522	894,489	1,622,053
4 Qtr.	4,240	921	260	727,058	966,232	1,481,011
2018 1 Qtr.	3,348	977	205	661,970	824,351	1,292,672
2 Qtr.	3,862	1,162	170	668,538	873,769	1,296,675
3 Qtr.	4,016	933	311	643,933	897,606	1,145,028
4 Qtr.	4,299	884	242	630,192	873,787	1,316,118
2019 1 Qtr.	3,220	887	163	626,200	822,090	999,527
2 Qtr.	4,446	1,048	124	603,484	764,378	1,116,333
3 Qtr.	4,218	969	112	640,697	897,076	1,133,616
4 Qtr.	3,939	843	141	623,301	818,136	1,021,014
2020 1 Qtr.	3,422	869	95	610,988	866,142	1,057,282
2 Qtr.	2,943	561	54	647,354	943,196	1,214,535
3 Qtr.	4,128	779	36	644,930	1,004,523	1,258,925

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

Table E-10. HOME SALES BY ORIGIN OF BUYER -- Con.

Year	Number of homes purchased by			Average price of homes purchased by (in dollars)		
	Local buyers	Main-landers	Foreign buyers	Local buyers	Main-landers	Foreign buyers
Percentage Change from the Same Period in Previous Year						
2009	-16.1	-6.0	-22.2	-9.5	-19.2	36.9
2010	23.1	49.1	48.7	5.4	0.9	-7.8
2011	-15.5	-29.9	-4.2	-2.7	-4.7	-0.9
2012	1.1	-21.7	-6.7	4.7	14.6	-11.4
2013	11.3	10.8	-14.6	8.9	14.0	13.5
2014	0.6	-3.2	-11.5	7.9	14.1	21.6
2015	12.1	1.2	-3.8	2.4	-0.8	-19.2
2016	1.6	0.1	41.6	8.0	5.9	60.6
2017	3.4	5.8	-12.1	6.8	8.9	1.4
2018	-2.0	1.0	28.5	3.3	0.1	-2.1
2019	1.9	-5.3	-41.8	-4.2	-4.9	-15.2
2009 1 Qtr.	-35.2	-22.9	-46.3	-17.3	-20.2	8.6
2 Qtr.	-33.3	-33.7	-70.5	-9.8	-13.9	-9.0
3 Qtr.	-10.2	4.2	-33.3	-9.1	-32.0	2.1
4 Qtr.	26.4	54.9	253.2	-3.5	-0.6	47.6
2010 1 Qtr.	25.1	29.8	134.5	11.0	-5.1	-14.3
2 Qtr.	48.4	93.3	222.4	6.0	-1.9	64.3
3 Qtr.	16.8	57.3	34.1	11.2	10.8	28.9
4 Qtr.	7.6	22.8	-35.3	-3.2	-0.1	-16.7
2011 1 Qtr.	-5.4	-6.4	-15.8	-4.8	-1.6	54.4
2 Qtr.	-24.8	-29.0	-13.5	-4.6	-6.9	-5.5
3 Qtr.	-14.9	-37.8	16.0	-7.5	-2.2	-16.8
4 Qtr.	-13.7	-40.7	9.1	5.9	-9.7	-26.7
2012 1 Qtr.	-10.0	-27.9	-8.7	0.2	-2.1	-25.8
2 Qtr.	-1.9	-27.0	-1.7	-0.3	20.9	-18.7
3 Qtr.	1.7	-31.8	-19.4	7.9	7.0	-3.4
4 Qtr.	12.5	6.1	2.6	8.0	31.9	11.5
2013 1 Qtr.	17.0	-0.1	-19.1	11.9	28.8	13.4
2 Qtr.	19.5	18.3	-9.0	17.7	6.7	7.1
3 Qtr.	21.7	40.3	-7.0	6.9	17.8	40.9
4 Qtr.	-8.0	-10.3	-22.3	3.1	10.7	-0.5
2014 1 Qtr.	0.2	13.4	-12.4	10.2	5.9	29.5
2 Qtr.	-4.4	-0.1	-29.7	4.4	23.8	5.0
3 Qtr.	-5.7	-18.4	-21.8	4.0	9.4	-12.1
4 Qtr.	13.2	-4.3	24.8	12.7	13.6	53.8
2015 1 Qtr.	18.4	7.2	32.4	5.4	5.7	-16.2
2 Qtr.	25.7	-8.5	2.7	2.4	-15.2	-6.1
3 Qtr.	15.9	2.7	7.0	5.9	18.5	-9.4
4 Qtr.	-8.4	5.8	-43.5	-2.0	-5.9	-30.9
2016 1 Qtr.	-3.5	-12.2	39.8	-0.2	2.0	66.5
2 Qtr.	-4.0	5.9	15.0	8.6	23.3	31.6
3 Qtr.	-3.8	3.1	40.7	3.2	-0.4	26.9
4 Qtr.	19.6	4.3	83.3	17.4	-2.1	98.1
2017 1 Qtr.	15.9	5.5	-50.0	8.4	5.1	-22.0
2 Qtr.	-3.6	12.2	-5.7	-1.6	-4.9	-15.4
3 Qtr.	0.9	1.0	-8.1	9.8	10.5	66.0
4 Qtr.	3.0	3.4	31.3	10.5	31.0	-9.5
2018 1 Qtr.	-10.1	7.8	49.6	12.0	2.0	21.4
2 Qtr.	-1.6	-1.9	2.4	17.4	7.6	61.9
3 Qtr.	1.8	3.1	95.6	3.8	0.3	-29.4
4 Qtr.	1.4	-4.0	-6.9	-13.3	-9.6	-11.1
2019 1 Qtr.	-3.8	-9.2	-20.5	-5.4	-0.3	-22.7
2 Qtr.	15.1	-9.8	-27.1	-9.7	-12.5	-13.9
3 Qtr.	5.0	3.9	-64.0	-0.5	-0.1	-1.0
4 Qtr.	-8.4	-4.6	-41.7	-1.1	-6.4	-22.4
2020 1 Qtr.	6.3	-2.0	-41.7	-2.4	5.4	5.8
2 Qtr.	-33.8	-46.5	-56.5	7.3	23.4	8.8
3 Qtr.	-2.1	-19.6	-67.9	0.7	12.0	11.1

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

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

Year	*First Quarter*	*Second Quarter*	*Third Quarter*	*Fourth Quarter*	***Annual***
Median Sale Price (Dollars) 1/					
1987	172,000	181,000	187,000	192,500	185,000
1988	193,500	195,000	224,800	225,000	210,000
1989	236,000	259,500	275,000	300,000	270,000
1990	325,000	345,000	375,000	367,500	352,000
1991	339,800	345,000	345,000	335,000	340,000
1992	342,000	339,500	350,000	352,000	349,000
1993	347,000	358,500	365,000	360,000	358,500
1994	355,000	365,000	368,000	357,000	360,000
1995	349,000	340,000	350,000	352,000	348,000
1996	331,800	335,000	335,000	333,500	335,200
1997	313,800	300,000	315,000	300,000	307,000
1998	288,500	305,000	296,500	295,000	297,000
1999	295,000	289,500	299,000	285,000	290,000
2000	289,000	301,400	299,800	292,500	295,000
2001	280,000	295,000	307,000	310,000	299,900
2002	310,000	330,000	345,000	350,000	335,000
2003	350,000	375,000	392,500	399,000	380,000
2004	420,000	451,000	469,000	490,000	460,000
2005	529,100	577,800	615,000	620,000	590,000
2006	625,000	640,000	635,000	620,000	630,000
2007	620,000	665,000	649,900	625,300	643,500
2008	618,000	636,000	615,000	610,000	620,500
2009	565,000	569,500	581,250	580,000	575,000
2010	591,500	580,000	620,000	305,000	593,000
2011	560,000	580,000	570,000	583,000	575,000
2012	616,950	620,000	625,000	625,000	620,000
2013	613,500	641,000	665,000	663,800	650,000
2014	655,000	679,000	669,000	697,000	675,000
2015	675,000	690,000	705,000	712,250	700,000
2016	724,900	730,000	740,750	740,500	735,000
2017	750,000	754,000	765,000	757,000	755,000
2018	765,000	781,194	805,000	795,000	790,000
2019	780,000	775,000	800,000	800,000	789,000
2020	780,000	790,500	840,000	Year-to-Date	811,000
Percentage Change from the Same Period in Previous Year 1/					
1988	12.5	7.7	20.2	16.9	13.5
1989	22.0	33.1	22.3	33.3	28.6
1990	37.7	32.9	36.4	22.5	30.4
1991	4.6	0.0	-8.0	-8.8	-3.4
1992	0.6	-1.6	1.4	5.1	2.6
1993	1.5	5.6	4.3	2.3	2.7
1994	2.3	1.8	0.8	-0.8	0.4
1995	-1.7	-6.8	-4.9	-1.4	-3.3
1996	-4.9	-1.5	-4.3	-5.3	-3.7
1997	-5.4	-10.4	-6.0	-10.0	-8.4
1998	-8.1	1.7	-5.9	-1.7	-3.3
1999	2.3	-5.1	0.8	-3.4	-2.4
2000	-2.0	4.1	0.3	2.6	1.7
2001	-3.1	-2.1	2.4	6.0	1.7
2002	10.7	11.9	12.4	12.9	11.7
2003	12.9	13.6	13.8	14.0	13.4
2004	20.0	20.3	19.5	22.8	21.1
2005	26.0	28.1	31.1	26.5	28.3
2006	18.1	10.8	3.3	0.0	6.8
2007	-0.8	3.9	2.3	0.9	2.1
2008	-0.3	-4.4	-5.4	-2.4	-3.6
2009	-8.6	-10.5	-5.5	-4.9	-7.3
2010	4.7	1.8	6.7	-47.4	3.1
2011	-5.3	0.0	-8.1	91.1	-3.0
2012	10.2	6.9	9.6	7.2	7.8
2013	-0.6	3.4	6.4	6.2	4.8
2014	6.8	5.9	0.6	5.0	3.8
2015	3.1	1.6	5.4	2.2	3.7
2016	7.4	5.8	5.1	4.0	5.0
2017	3.5	3.3	3.3	2.2	2.7
2018	2.0	3.6	5.2	5.0	4.6
2019	2.0	-0.8	-0.6	0.6	-0.1
2020	0.0	2.0	5.0	Year-to-Date	3.3

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

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

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	**Annual**
Median Sale Price (Dollars) 1/					
1987	99,000	101,500	104,000	110,000	104,500
1988	112,000	112,000	115,000	115,000	114,000
1989	117,800	134,000	140,000	155,000	135,500
1990	167,500	185,000	200,000	200,000	187,000
1991	187,300	190,000	195,000	194,500	192,000
1992	195,000	192,000	194,800	192,000	193,000
1993	190,000	192,000	198,000	192,500	193,000
1994	189,900	193,000	194,000	185,000	190,000
1995	182,000	180,000	187,800	179,500	181,800
1996	180,000	180,000	170,000	165,300	174,500
1997	150,000	155,000	157,000	142,000	150,000
1998	145,000	135,000	129,000	130,000	135,000
1999	131,000	122,000	129,500	122,500	125,000
2000	122,800	129,000	120,000	128,000	125,000
2001	130,000	135,000	134,000	130,000	133,000
2002	138,000	150,000	155,000	159,000	152,000
2003	165,000	168,900	177,500	181,000	175,000
2004	189,000	205,000	215,000	220,000	208,500
2005	229,000	257,000	280,000	300,000	269,000
2006	309,000	305,000	315,000	315,000	310,000
2007	320,000	328,000	330,000	320,000	325,000
2008	330,000	330,000	322,000	315,600	325,000
2009	299,000	307,500	300,000	301,000	305,000
2010	302,500	305,500	314,500	305,000	305,000
2011	315,000	300,000	303,500	294,250	300,000
2012	310,000	305,000	319,000	331,000	317,500
2013	330,500	325,000	346,000	328,000	331,000
2014	345,000	356,000	350,000	325,000	345,000
2015	360,000	355,000	355,000	367,500	360,000
2016	380,000	390,000	390,500	392,750	390,000
2017	390,000	403,000	420,000	405,000	405,000
2018	425,000	421,000	428,000	400,000	420,000
2019	411,250	422,500	440,000	428,000	425,000
2020	430,000	425,000	440,000	Year-to-Date	430,000
Percentage Change from the Same Period in Previous Year 1/					
1988	13.1	10.3	10.6	4.5	9.1
1989	5.2	19.6	21.7	34.8	18.9
1990	42.2	38.1	42.9	29.0	38.0
1991	11.8	2.7	-2.5	-2.8	2.7
1992	4.1	1.1	-0.1	-1.3	0.5
1993	-2.6	0.0	1.6	0.3	0.0
1994	-0.1	0.5	-2.0	-3.9	-1.6
1995	-4.2	-6.7	-3.2	-3.0	-4.3
1996	-1.1	0.0	-9.5	-7.9	-4.0
1997	-16.7	-13.9	-7.6	-14.1	-14.0
1998	-3.3	-12.9	-17.8	-8.5	-10.0
1999	-9.7	-9.6	0.4	-5.8	-7.4
2000	-6.3	5.7	-7.3	4.5	0.0
2001	5.9	4.7	11.7	1.6	6.4
2002	6.2	11.1	15.7	22.3	14.3
2003	19.6	12.6	14.5	13.8	15.1
2004	14.5	21.4	21.1	21.5	19.1
2005	21.2	25.4	30.2	36.4	29.0
2006	34.9	18.7	12.5	5.0	15.2
2007	3.6	7.5	4.8	1.6	4.8
2008	3.1	0.6	-2.4	-1.4	0.0
2009	-9.4	-6.8	-6.8	-4.6	-6.2
2010	1.2	-0.7	4.8	1.3	0.0
2011	4.1	-1.8	-3.5	-3.5	-1.6
2012	-1.6	1.7	5.1	12.5	5.8
2013	6.6	6.6	8.5	-0.9	4.3
2014	4.4	9.5	1.2	-0.9	4.2
2015	4.3	-0.3	1.4	13.1	4.3
2016	5.6	9.9	10.0	6.9	8.3
2017	2.6	3.3	7.6	3.1	3.8
2018	9.0	4.5	1.9	-1.2	3.7
2019	-3.2	0.4	2.8	7.0	1.2
2020	4.6	0.6	0.0	Year-to-Date	1.2

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

Source: Honolulu Board of Realtors, Research Department.

able E-13. SINGLE FAMILY HOME RESALES FOR HONOLULU: UNIT

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	**Annual**
Number of Units Sold 1/					
1987	554	862	917	846	3,179
1988	660	786	850	729	3,025
1989	573	802	773	771	2,919
1990	757	782	675	530	2,744
1991	342	487	575	508	1,912
1992	389	568	558	470	1,985
1993	421	465	548	510	1,944
1994	544	613	545	473	2,175
1995	347	378	487	430	1,642
1996	363	471	471	444	1,749
1997	360	467	635	563	2,025
1998	504	613	664	714	2,495
1999	549	774	787	743	2,853
2000	630	866	888	797	3,181
2001	737	909	927	833	3,406
2002	801	1,031	1,039	1,035	3,906
2003	874	1,123	1,298	1,125	4,420
2004	983	1,200	1,287	1,233	4,703
2005	976	1,224	1,321	1,093	4,614
2006	943	1,074	1,089	935	4,041
2007	865	1,037	975	750	3,627
2008	673	737	732	604	2,746
2009	445	667	757	820	2,689
2010	611	867	774	805	3,057
2011	635	735	818	766	2,954
2012	623	746	862	863	3,094
2013 2/	659	854	959	869	3,341
2014 2/	682	855	941	807	3,285
2015 2/	655	934	1,010	856	3,455
2016 2/	769	944	995	970	3,678
2017 2/	777	1,012	1,071	1,048	3,908
2018 2/	774	986	993	856	3,609
2019 2/	730	965	1,079	976	3,750
2020 2/	815	798	1,122	Year-to-Date	2,735
Percentage Change from the Same Period in Previous Year 1/					
1988	19.1	-8.8	-7.3	-13.8	-4.8
1989	-13.2	2.0	-9.1	5.8	-3.5
1990	32.1	-2.5	-12.7	-31.3	-6.0
1991	-54.8	-37.7	-14.8	-4.2	-30.3
1992	13.7	16.6	-3.0	-7.5	3.8
1993	8.2	-18.1	-1.8	8.5	-2.1
1994	29.2	31.8	-0.5	-7.3	11.9
1995	-36.2	-38.3	-10.6	-9.1	-24.5
1996	4.6	24.6	-3.3	3.3	6.5
1997	-0.8	-0.8	34.8	26.8	15.8
1998	40.0	31.3	4.6	26.8	23.2
1999	8.9	26.3	18.5	4.1	14.3
2000	14.8	11.9	12.8	7.3	11.5
2001	17.0	5.0	4.4	4.5	7.1
2002	8.7	13.4	12.1	24.2	14.7
2003	9.1	8.9	24.9	8.7	13.2
2004	12.5	6.9	-0.8	9.6	6.4
2005	-0.7	2.0	2.6	-11.4	-1.9
2006	-3.4	-12.3	-17.6	-14.5	-12.4
2007	-8.3	-3.4	-10.5	-19.8	-10.2
2008	-22.2	-28.9	-24.9	-19.5	-24.3
2009	-33.9	-9.5	3.4	35.8	-2.1
2010	37.3	30.0	2.2	-1.8	13.7
2011	3.9	-15.2	5.7	-4.8	-3.4
2012	-1.9	1.5	5.4	12.7	4.7
2013 2/	5.8	14.5	11.3	0.7	8.0
2014 2/	3.5	0.1	-1.9	-7.1	-1.7
2015 2/	-4.0	9.2	7.3	6.1	5.2
2016 2/	17.4	1.1	-1.5	13.3	6.5
2017 2/	1.0	7.2	7.6	8.0	6.3
2018 2/	-0.4	-2.6	-7.3	-18.3	-7.7
2019 2/	-5.7	-2.1	8.7	14.0	3.9
2020 2/	11.6	-17.3	4.0	Year-to-Date	-1.4

1/ This series consists of resales that are entered in the Multiple Listing Service.
2/ Quarters reflect sum of monthly [re]sales and may not match revised Year-to-Date in HBR published reports.
Source: Honolulu Board of Realtors (HBR), Research Department.

Table E-14. CONDOMINIUM RESALES FOR HONOLULU: UNITS

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	**Annual**
Number of Units Sold 1/					
1987	866	1,476	1,611	1,555	5,508
1988	1,282	1,813	1,843	1,608	6,546
1989	1,412	1,737	1,706	1,631	6,486
1990	1,752	1,864	1,518	1,015	6,149
1991	720	901	1,120	867	3,608
1992	686	916	987	753	3,342
1993	735	745	873	910	3,263
1994	827	1,053	824	666	3,370
1995	533	599	574	554	2,260
1996	441	594	487	468	1,990
1997	415	522	552	611	2,100
1998	529	601	753	749	2,632
1999	640	865	911	882	3,298
2000	820	1,065	1,039	1,002	3,926
2001	955	1,104	1,186	1,016	4,261
2002	1,036	1,347	1,540	1,483	5,406
2003	1,473	1,653	1,974	1,807	6,907
2004	1,613	2,076	2,205	1,994	7,888
2005	1,772	2,149	2,279	1,783	7,983
2006	1,687	1,830	1,559	1,304	6,380
2007	1,361	1,617	1,366	1,155	5,499
2008	1,037	1,131	1,152	768	4,088
2009	563	813	1,045	1,153	3,574
2010	846	1,216	927	991	3,980
2011	928	1,085	1,019	1,003	4,035
2012	842	1,068	1,123	1,189	4,222
2013 2/	976	1,301	1,307	1,216	4,800
2014 2/	993	1,313	1,303	1,201	4,810
2015 2/	979	1,404	1,409	1,236	5,028
2016 2/	1,153	1,485	1,437	1,374	5,449
2017 2/	1,235	1,562	1,576	1,451	5,824
2018 2/	1,244	1,589	1,534	1,312	5,679
2019 2/	1,114	1,469	1,491	1,334	5,408
2020 2/	1,105	909	1,291	Year-to-Date	3,305
Percentage Change from the Same Period in Previous Year 1/					
1988	48.0	22.8	14.4	3.4	18.8
1989	10.1	-4.2	-7.4	1.4	-0.9
1990	24.1	7.3	-11.0	-37.8	-5.2
1991	-58.9	-51.7	-26.2	-14.6	-41.3
1992	-4.7	1.7	-11.9	-13.1	-7.4
1993	7.1	-18.7	-11.6	20.8	-2.4
1994	12.5	41.3	-5.6	-26.8	3.3
1995	-35.6	-43.1	-30.3	-16.8	-32.9
1996	-17.3	-0.8	-15.2	-15.5	-11.9
1997	-5.9	-12.1	13.3	30.6	5.5
1998	27.5	15.1	36.4	22.6	25.3
1999	21.0	43.9	21.0	17.8	25.3
2000	28.1	23.1	14.1	13.6	19.0
2001	16.5	3.7	14.1	1.4	8.5
2002	8.5	22.0	29.8	46.0	26.9
2003	42.2	22.7	28.2	21.8	27.8
2004	9.5	25.6	11.7	10.3	14.2
2005	9.9	3.5	3.4	-10.6	1.2
2006	-4.8	-14.8	-31.6	-26.9	-20.1
2007	-19.3	-11.6	-12.4	-11.4	-13.8
2008	-23.8	-30.1	-15.7	-33.5	-25.7
2009	-45.7	-28.1	-9.3	50.1	-12.6
2010	50.3	49.6	-11.3	-14.1	11.4
2011	9.7	-10.8	9.9	1.2	1.4
2012	-9.3	-1.6	10.2	18.5	4.6
2013 2/	15.9	21.8	16.4	2.3	13.7
2014 2/	1.7	0.9	-0.3	-1.2	0.2
2015 2/	-1.4	6.9	8.1	2.9	4.5
2016 2/	17.8	5.8	2.0	11.2	8.4
2017 2/	7.1	5.2	9.7	5.6	6.9
2018 2/	0.7	1.7	-2.7	-9.6	-2.5
2019 2/	-10.5	-7.6	-2.8	1.7	-4.8
2020 2/	-0.8	-38.1	-13.4	Year-to-Date	-18.9

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

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

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

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

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	**Annual**
Number of Properties Available for Sale in Active Status 1/					
2001	1,585	1,587	1,510	1,494	1,544
2002	1,344	1,189	1,180	1,182	1,224
2003	1,242	1,169	1,023	942	1,094
2004	836	895	1,167	1,123	1,005
2005	889	849	1,074	1,447	1,065
2006	1,613	1,734	1,942	1,975	1,816
2007	1,726	1,779	1,871	1,933	1,827
2008	2,009	2,362	2,402	2,263	2,259
2009	2,184	2,108	1,930	1,625	1,962
2010	1,527	1,634	1,641	1,576	1,595
2011	1,396	1,486	1,516	1,352	1,437
2012	1,273	1,215	1,214	1,060	1,191
2013	947	1,086	1,167	1,149	1,087
2014	1,102	1,216	1,247	1,130	1,174
2015	1,102	1,260	1,327	1,128	1,204
2016	1,017	1,209	1,250	1,145	1,155
2017	1,069	1,203	1,226	1,123	1,155
2018	1,045	1,277	1,382	1,384	1,272
2019	1,434	1,573	1,579	1,361	1,487
2020	1,235	1,195	1,032	Year-to-Date	1,154
Percentage Change from the Same Period in Previous Year 1/					
2002	-15.2	-25.1	-21.9	-20.9	-20.8
2003	-7.6	-1.6	-13.3	-20.3	-10.6
2004	-32.6	-23.5	14.1	19.3	-8.1
2005	6.3	-5.1	-7.9	28.8	5.9
2006	81.5	104.2	80.8	36.5	70.6
2007	7.0	2.6	-3.7	-2.1	0.6
2008	16.4	32.8	28.4	17.1	23.6
2009	8.7	-10.8	-19.7	-28.2	-13.2
2010	-30.1	-22.5	-15.0	-3.0	-18.7
2011	-8.6	-9.1	-7.6	-14.2	-9.9
2012	-8.8	-18.2	-19.9	-21.6	-17.2
2013	-25.6	-10.6	-3.9	8.3	-8.7
2014	16.3	12.0	6.9	-1.6	8.0
2015	0.0	3.6	6.4	-0.1	2.6
2016	-7.7	-4.1	-5.8	1.5	-4.1
2017	5.0	-0.5	-1.9	-2.0	0.0
2018	-2.2	6.1	12.7	23.2	10.1
2019	37.1	23.2	14.3	-1.7	16.9
2020	-13.9	-24.0	-34.6	Year-to-Date	-24.5

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

Table E-16. CONDOMINIUM HONOLULU: ACTIVE INVENTORY

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	**Annual**
Number of Properties Available for Sale in Active Status 1/					
2001	1,756	1,781	1,736	1,788	1,765
2002	1,657	1,479	1,433	1,629	1,549
2003	1,679	1,680	1,545	1,459	1,591
2004	1,162	1,229	1,654	1,640	1,421
2005	1,203	954	1,131	1,727	1,254
2006	2,194	2,424	2,697	2,605	2,480
2007	2,273	2,271	2,376	2,411	2,333
2008	2,548	2,966	2,969	2,842	2,831
2009	2,771	2,769	2,473	2,153	2,542
2010	2,006	2,060	2,146	2,145	2,089
2011	1,949	1,929	1,928	1,800	1,901
2012	1,791	1,762	1,699	1,546	1,700
2013	1,354	1,445	1,619	1,623	1,510
2014	1,603	1,772	1,815	1,713	1,726
2015	1,736	1,900	1,952	1,744	1,833
2016	1,550	1,818	1,804	1,654	1,706
2017	1,586	1,829	1,864	1,790	1,767
2018	1,798	2,049	2,071	2,033	1,988
2019	2,309	2,390	2,437	2,264	2,350
2020	2,255	2,254	2,315	Year-to-Date	2,275
Percentage Change from the Same Period in Previous Year 1/					
2002	-5.6	-17.0	-17.4	-8.9	-12.2
2003	1.3	13.6	7.8	-10.4	2.7
2004	-30.8	-26.9	7.0	12.4	-10.7
2005	3.5	-22.3	-31.6	5.3	-11.8
2006	82.4	154.0	138.4	50.9	97.8
2007	3.6	-6.3	-11.9	-7.5	-5.9
2008	12.1	30.6	25.0	17.9	21.4
2009	8.8	-6.7	-16.7	-24.2	-10.2
2010	-27.6	-25.6	-13.2	-0.4	-17.8
2011	-2.8	-6.4	-10.2	-16.1	-9.0
2012	-8.1	-8.6	-11.9	-14.1	-10.6
2013	-24.4	-18.0	-4.7	5.0	-11.1
2014	18.4	22.7	12.1	5.5	14.3
2015	8.3	7.2	7.6	1.8	6.2
2016	-10.7	-4.4	-7.6	-5.2	-6.9
2017	2.4	0.6	3.3	8.3	3.6
2018	13.3	12.0	11.1	13.5	12.5
2019	28.5	16.7	17.6	11.4	18.2
2020	-2.3	-5.7	-5.0	Year-to-Date	-4.4

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

able E-17. SINGLE FAMILY HOME RESALES FOR MAUI: MEDIAN PRIC

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	**Annual**
Median Sale Price (Dollars) 1/					
1990	270,000	275,000	310,000	285,000	280,000
1991	287,500	260,000	282,500	275,000	275,000
1992	290,000	280,000	290,000	285,000	285,500
1993	267,000	285,000	275,000	265,000	275,000
1994	281,500	275,000	270,000	275,000	275,000
1995	272,500	282,500	280,000	260,000	270,000
1996	265,000	275,000	266,500	250,000	262,500
1997	266,000	265,000	244,500	250,000	255,000
1998	271,000	256,000	260,000	240,600	255,000
1999	252,200	250,000	253,300	250,000	250,000
2000	270,000	288,500	270,000	278,500	275,000
2001	330,000	281,500	260,000	306,000	295,000
2002	362,000	367,900	380,800	392,400	375,000
2003	401,600	399,000	450,000	510,000	440,000
2004	525,000	550,000	575,000	566,000	550,000
2005	611,250	725,000	(2/)	(2/)	679,000
2006	699,000	(2/)	(2/)	(2/)	690,000
2007	625,000	(2/)	(2/)	(2/)	630,069
2008	602,783	(2/)	(2/)	(2/)	577,774
2009	520,000	(2/)	(2/)	(2/)	498,106
2010	469,500	(2/)	(2/)	(2/)	460,000
2011	450,000	(2/)	(2/)	(2/)	432,500
2012	443,750	(2/)	(2/)	(2/)	470,000
2013	520,000	(2/)	(2/)	(2/)	530,000
2014	585,000	(2/)	(2/)	(2/)	570,000
2015	600,000	(2/)	(2/)	(2/)	580,000
2016	610,000	(2/)	(2/)	(2/)	745,000
2017	695,000	(2/)	(2/)	(2/)	695,000
2018	682,468	(2/)	(2/)	(2/)	710,000
2019	735,000	(2/)	(2/)	(2/)	741,355
2020	776,075	(2/)	(2/)	Q3 Year to Date	775,000
Percentage Change from the Same Period in Previous Year 1/					
1991	6.5	-5.5	-8.9	-3.5	-1.8
1992	0.9	7.7	2.7	3.6	3.8
1993	-7.9	1.8	-5.2	-7.0	-3.7
1994	5.4	-3.5	-1.8	3.8	0.0
1995	-3.2	2.7	3.7	-5.5	-1.8
1996	-2.8	-2.7	-4.8	-3.8	-2.8
1997	0.4	-3.6	-8.3	0.0	-2.9
1998	1.9	-3.4	6.3	-3.8	0.0
1999	-6.9	-2.3	-2.6	3.9	-2.0
2000	7.1	15.4	6.6	11.4	10.0
2001	22.2	-2.4	-3.7	9.9	7.3
2002	9.7	30.7	46.5	28.2	27.1
2003	10.9	8.5	18.2	30.0	17.3
2004	30.7	37.8	27.8	11.0	25.0
2005	16.4	31.8	(2/)	(2/)	23.5
2006	14.4	(2/)	(2/)	(2/)	1.6
2007	-10.6	(2/)	(2/)	(2/)	-8.7
2008	-3.6	(2/)	(2/)	(2/)	-8.3
2009	-13.7	(2/)	(2/)	(2/)	-13.8
2010	-9.7	(2/)	(2/)	(2/)	-7.7
2011	-4.2	(2/)	(2/)	(2/)	-6.0
2012	-1.4	(2/)	(2/)	(2/)	8.7
2013	17.2	(2/)	(2/)	(2/)	12.8
2014	12.5	(2/)	(2/)	(2/)	7.5
2015	2.6	(2/)	(2/)	(2/)	1.8
2016	1.7	(2/)	(2/)	(2/)	28.4
2017	13.9	(2/)	(2/)	(2/)	-6.7
2018	-1.8	(2/)	(2/)	(2/)	2.2
2019	7.7	(2/)	(2/)	(2/)	4.4
2020	5.6	(2/)	(2/)	Q3 Year to Date	4.0

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

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

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

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

Year	*First Quarter*	*Second Quarter*	*Third Quarter*	*Fourth Quarter*	***Annual***
Median Sale Price (Dollars) 1/					
1990	180,300	180,000	169,000	170,000	175,000
1991	165,000	165,000	155,500	175,000	165,000
1992	167,000	165,000	159,000	162,500	162,500
1993	170,000	170,000	165,000	180,000	173,000
1994	175,000	180,000	166,000	175,000	175,000
1995	159,000	167,000	155,000	142,500	158,000
1996	182,000	189,500	160,000	167,000	175,000
1997	165,000	155,000	148,500	149,000	155,000
1998	173,500	165,000	158,000	159,900	163,000
1999	156,000	168,800	170,000	150,000	161,000
2000	184,500	185,000	200,000	161,300	183,000
2001	193,300	191,000	210,000	176,000	190,500
2002	235,000	200,000	179,000	189,800	195,000
2003	239,500	240,000	222,000	261,900	241,300
2004	291,000	292,300	320,000	370,000	310,000
2005	401,000	360,000	(2/)	(2/)	385,000
2006	458,000	(2/)	(2/)	(2/)	518,000
2007	575,000	(2/)	(2/)	(2/)	550,000
2008	587,000	(2/)	(2/)	(2/)	550,000
2009	700,000	(2/)	(2/)	(2/)	450,000
2010	424,000	(2/)	(2/)	(2/)	377,500
2011	319,950	(2/)	(2/)	(2/)	310,000
2012	339,500	(2/)	(2/)	(2/)	358,000
2013	368,000	(2/)	(2/)	(2/)	373,000
2014	406,375	(2/)	(2/)	(2/)	415,000
2015	440,000	(2/)	(2/)	(2/)	410,000
2016	425,000	(2/)	(2/)	(2/)	415,000
2017	477,413	(2/)	(2/)	(2/)	445,000
2018	476,250	(2/)	(2/)	(2/)	500,000
2019	525,000	(2/)	(2/)	(2/)	515,500
2020	555,000	(2/)	(2/)	Q3 Year-to-Date	560,000
Percentage Change from the Same Period in Previous Year 1/					
1991	-8.5	-8.3	-8.0	2.9	-5.7
1992	1.2	0.0	2.3	-7.1	-1.5
1993	1.8	3.0	3.8	10.8	6.5
1994	2.9	5.9	0.6	-2.8	1.2
1995	-9.1	-7.2	-6.6	-18.6	-9.7
1996	14.5	13.5	3.2	17.2	10.8
1997	-9.3	-18.2	-7.2	-10.8	-11.4
1998	5.2	6.5	6.4	7.3	5.2
1999	-10.1	2.3	7.6	-6.2	-1.2
2000	18.3	9.6	17.6	7.5	13.7
2001	4.8	3.2	5.0	9.1	4.1
2002	21.6	4.7	-14.8	7.8	2.4
2003	1.9	20.0	24.0	38.0	23.7
2004	21.5	21.8	44.1	41.3	28.5
2005	37.8	23.2	(2/)	(2/)	24.2
2006	14.2	(2/)	(2/)	(2/)	34.5
2007	25.5	(2/)	(2/)	(2/)	6.2
2008	2.1	(2/)	(2/)	(2/)	0.0
2009	19.3	(2/)	(2/)	(2/)	-18.2
2010	-39.4	(2/)	(2/)	(2/)	-16.1
2011	-24.5	(2/)	(2/)	(2/)	-17.9
2012	6.1	(2/)	(2/)	(2/)	15.5
2013	8.4	(2/)	(2/)	(2/)	4.2
2014	10.4	(2/)	(2/)	(2/)	11.3
2015	8.3	(2/)	(2/)	(2/)	-1.2
2016	-3.4	(2/)	(2/)	(2/)	1.2
2017	12.3	(2/)	(2/)	(2/)	7.2
2018	-0.2	(2/)	(2/)	(2/)	12.4
2019	10.2	(2/)	(2/)	(2/)	3.1
2020	5.7	(2/)	(2/)	Q3 Year-to-Date	8.1

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

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

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

ıble E-19. SINGLE FAMILY HOME RESALES FOR MAUI: UNIT

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	**Annual**
Units 1/					
1990	130	176	119	118	543
1991	74	130	120	95	419
1992	85	103	99	79	366
1993	55	97	90	109	351
1994	96	109	108	95	408
1995	66	90	91	89	336
1996	94	103	133	121	451
1997	98	132	138	140	508
1998	135	178	164	165	642
1999	210	280	245	230	965
2000	263	270	247	206	986
2001	229	306	267	207	1,009
2002	205	251	264	277	997
2003	256	359	424	381	1,420
2004	295	298	291	344	1,228
2005	302	372	376	228	1,278
2006	253	246	251	332	1,082
2007	341	309	243	250	1,143
2008	228	251	229	202	910
2009	121	175	166	231	693
2010	174	253	195	195	817
2011	202	241	229	229	901
2012	210	230	230	268	938
2013	209	281	259	235	984
2014	195	263	263	223	944
2015	221	276	322	271	1,090
2016	240	293	272	271	1,076
2017	234	313	279	275	1,101
2018	286	291	303	259	1,139
2019	238	301	306	275	1,120
2020 2/	258	198	294	Year-to-Date	750
Percentage Change from the Same Period in Previous Year 1/					
1991	-43.1	-26.1	0.8	-19.5	-22.8
1992	14.9	-20.8	-17.5	-16.8	-12.6
1993	-35.3	-5.8	-9.1	38.0	-4.1
1994	74.5	12.4	20.0	-12.8	16.2
1995	-31.3	-17.4	-15.7	-6.3	-17.6
1996	42.4	14.4	46.2	36.0	34.2
1997	4.3	28.2	3.8	15.7	12.6
1998	37.8	34.8	18.8	17.9	26.4
1999	55.6	57.3	49.4	39.4	50.3
2000	25.2	-3.6	0.8	-10.4	2.2
2001	-12.9	13.3	8.1	0.5	2.3
2002	-10.5	-18.0	-1.1	33.8	-1.2
2003	24.9	43.0	60.6	37.5	42.4
2004	15.2	-17.0	-31.4	-9.7	-13.5
2005	2.4	24.8	29.2	-33.7	4.1
2006	-16.2	-33.9	-33.2	45.6	-15.3
2007	34.8	25.6	-3.2	-24.7	5.6
2008	-33.1	-18.8	-5.8	-19.2	-20.4
2009	-46.9	-30.3	-27.5	14.4	-23.8
2010	43.8	44.6	17.5	-15.6	17.9
2011	16.1	-4.7	17.4	17.4	10.3
2012	4.0	-4.6	0.4	17.0	4.1
2013	-0.5	22.2	12.6	-12.3	4.9
2014	-6.7	-6.4	1.5	-5.1	-4.1
2015	13.3	4.9	22.4	21.5	15.5
2016	8.6	6.2	-15.5	0.0	-1.3
2017	-2.5	6.8	2.6	1.5	2.3
2018	22.2	-7.0	8.6	-5.8	3.5
2019	-16.8	3.4	1.0	6.2	-1.7
2020 2/	8.4	-34.2	-3.9	Year-to-Date	-11.2

1/ This series consists of resales that are entered in the Multiple Listing Service.
2/ Q2 revised from previous *QSER*.
Source: Honolulu Board of Realtors, Research Department and Realtors Association of Maui, In

Table E-20. CONDOMINIUM RESALES FOR MAUI: UNITS

Year	*First Quarter*	*Second Quarter*	*Third Quarter*	*Fourth Quarter*	***Annual***
Units 1/					
1990	346	421	365	306	1,438
1991	105	157	178	138	578
1992	120	128	135	104	487
1993	99	122	101	124	446
1994	133	187	154	118	592
1995	126	150	104	105	485
1996	131	168	127	151	577
1997	201	202	186	223	812
1998	212	274	253	261	1,000
1999	239	376	390	348	1,353
2000	364	435	349	348	1,496
2001	376	399	327	246	1,348
2002	313	431	434	400	1,578
2003	443	510	545	503	2,001
2004	506	594	458	377	1,935
2005	430	592	576	413	2,011
2006	393	366	227	263	1,249
2007	278	341	298	271	1,188
2008	276	234	180	123	813
2009	265	150	207	213	835
2010	295	373	248	232	1,148
2011	310	336	268	243	1,157
2012	304	364	247	338	1,253
2013	265	408	346	307	1,326
2014	310	347	258	288	1,203
2015	301	314	290	280	1,185
2016	291	355	334	330	1,310
2017	342	371	337	403	1,453
2018	372	499	410	376	1,657
2019	405	406	398	400	1,609
2020 2/	423	208	284	Year-to-Date	915
Percentage Change from the Same Period in Previous Year 1/					
1991	-69.7	-62.7	-51.2	-54.9	-59.8
1992	14.3	-18.5	-24.2	-24.6	-15.7
1993	-17.5	-4.7	-25.2	19.2	-8.4
1994	34.3	53.3	52.5	-4.8	32.7
1995	-5.3	-19.8	-32.5	-11.0	-18.1
1996	4.0	12.0	22.1	43.8	19.0
1997	53.4	20.2	46.5	47.7	40.7
1998	5.5	35.6	36.0	17.0	23.2
1999	12.7	37.2	54.2	33.3	35.3
2000	52.3	15.7	-10.5	0.0	10.6
2001	3.3	-8.3	-6.3	-29.3	-9.9
2002	-16.8	8.0	32.7	62.6	17.1
2003	41.5	18.3	25.6	25.8	26.8
2004	14.2	16.5	-16.0	-25.0	-3.3
2005	-15.0	-0.3	25.8	9.5	3.9
2006	-8.6	-38.2	-60.6	-36.3	-37.9
2007	-29.3	-6.8	31.3	3.0	-4.9
2008	-0.7	-31.4	-39.6	-54.6	-31.6
2009	-4.0	-35.9	15.0	73.2	2.7
2010	11.3	148.7	19.8	8.9	37.5
2011	5.1	-9.9	8.1	4.7	0.8
2012	-1.9	8.3	-7.8	39.1	8.3
2013	-12.8	12.1	40.1	-9.2	5.8
2014	17.0	-15.0	-25.4	-6.2	-9.3
2015	-2.9	-9.5	12.4	-2.8	-1.5
2016	-3.3	13.1	15.2	17.9	10.5
2017	17.5	4.5	0.9	22.1	10.9
2018	8.8	34.5	21.7	-6.7	14.0
2019	8.9	-18.6	-2.9	6.4	-2.9
2020 2/	4.4	-48.8	-28.6	Year-to-Date	-24.3

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

2/ Q1 revised from previous *QSER*.

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

F. OTHER INDICATORS

The total number of bankruptcy filings in Hawaii declined 8.2 percent or by 35 cases for the third quarter of 2020, from the same quarter of 2019. In the first three quarters of 2020, total filings declined 7.4 percent or 95 cases from the same period of the previous year.

The number of Chapter 7 filings, the largest category, declined 2.0 percent or 6 cases in the third quarter of 2020. Chapter 7 filings are intended to liquidate assets and discharge debt. In the first three quarters of 2020, Chapter 7 filings increased 0.6 percent or 5 cases from the same period of the previous year.

Chapter 11 filings declined from 3 to 1 case in the third quarter of 2020 compared with the third quarter of 2019. In the first three quarters of 2020, Chapter 11 filings declined to 6 cases from 7 cases in the same period of the previous year. Chapter 11 filings involve the structuring of repayment plans for companies.

Chapter 13 filings declined 21.7 percent or 28 cases in the third quarter of 2020, from the same quarter of 2019. In the first three quarters of 2020, Chapter 13 filings declined 25.2 percent or 101 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: http://www.uscourts.gov/bnkrpctystats/statistics.htm.

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

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

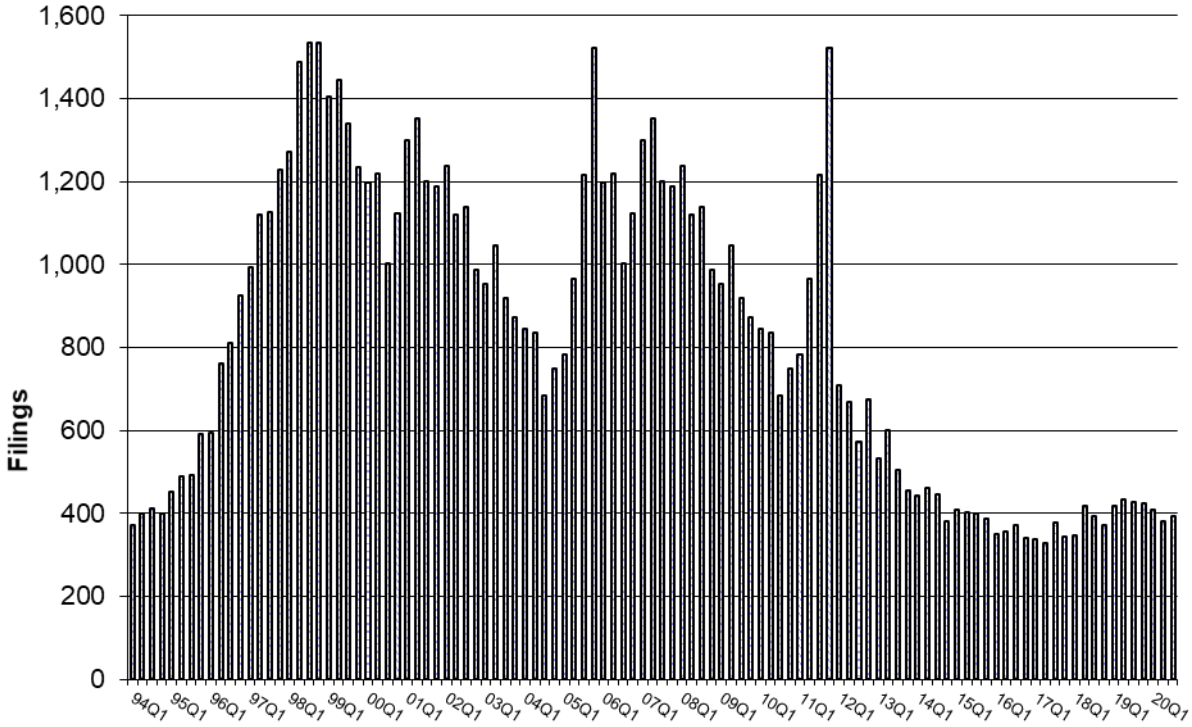


Table F-1. BANKRUPTCY FILINGS

Year	*First Quarter*	*Second Quarter*	*Third Quarter*	*Fourth Quarter*	***Annual***
Total (Chapters 7, 11, 12, 13) 1/					
1994	373	400	413	401	1,600
1995	453	489	492	591	2,036
1996	595	760	812	925	3,092
1997	992	1,119	1,125	1,227	4,463
1998	1,273	1,488	1,534	1,534	5,829
1999	1,404	1,446	1,341	1,235	5,426
2000	1,198	1,219	1,004	1,123	4,549
2001	1,300	1,352	1,200	1,187	5,039
2002	1,238	1,119	1,138	988	4,485
2003	953	1,045	919	874	3,795
2004	844	835	684	749	3,112
2005	782	967	1,217	1,522	4,489
2006	181	274	256	254	965
2007	332	356	339	359	1,386
2008	416	476	556	636	2,087
2009	708	773	824	818	3,123
2010	930	1,103	1,010	934	3,978
2011	901	954	775	721	3,352
2012	709	668	574	674	2,625
2013	533	600	506	454	2,093
2014	443	461	447	380	1,731
2015	410	402	401	386	1,599
2016	349	356	372	342	1,419
2017	339	327	379	345	1,390
2018	348	418	392	371	1,529
2019	417	433	429	425	1,704
2020	409	381	394	Year to Date	1,184
Chapter 7					
1994	336	357	373	362	1,428
1995	414	454	440	538	1,842
1996	532	679	736	832	2,771
1997	866	999	1,005	1,090	3,950
1998	1,123	1,344	1,415	1,401	5,266
1999	1,286	1,337	1,180	1,095	4,879
2000	1,060	1,103	880	989	4,012
2001	1,186	1,216	1,062	1,045	4,509
2002	1,097	1,002	1,035	865	4,001
2003	833	907	790	760	3,294
2004	748	719	610	655	2,732
2005	695	871	1,146	1,418	4,131
2006	156	233	204	208	801
2007	270	292	265	281	1,108
2008	326	371	413	517	1,627
2009	592	599	648	664	2,503
2010	751	895	772	688	3,107
2011	685	711	637	552	2,582
2012	543	504	433	479	1,959
2013	391	453	375	330	1,549
2014	317	316	308	275	1,216
2015	291	274	286	248	1,099
2016	232	256	246	209	943
2017	234	226	249	228	937
2018	236	271	270	253	1,030
2019	294	280	297	290	1,161
2020	286	299	291	Year to Date	876
Chapter 11					
1994	12	19	9	18	58
1995	6	10	10	10	36
1996	12	18	14	8	52
1997	16	11	15	8	50
1998	7	8	4	8	27
1999	8	9	6	4	29
2000	4	4	10	12	30
2001	4	3	11	5	23
2002	8	4	4	4	20
2003	8	17	8	5	39
2004	4	12	1	5	23
2005	10	2	1	3	16
2006	2	4	2	1	9
2007	5	6	2	5	18
2008	3	2	4	11	23
2009	3	3	6	6	18
2010	6	3	3	8	20
2011	6	13	3	1	24
2012	5	4	0	4	13
2013	6	4	7	3	20
2014	2	2	3	3	10
2015	7	0	4	6	17
2016	6	4	4	1	15
2017	1	3	3	6	13
2018	1	1	0	2	4
2019	3	1	3	6	13
2020	1	4	1	Year to Date	6
Chapter 13					
1994	24	23	31	21	99
1995	33	25	39	43	141
1996	51	63	62	85	260
1997	110	109	105	129	452
1998	142	135	115	125	518
1999	109	100	155	136	501
2000	133	112	114	121	483
2001	110	133	127	137	507
2002	133	113	99	116	461
2003	112	121	121	108	462
2004	92	104	72	88	356
2005	77	93	70	101	341
2006	23	36	50	44	153
2007	56	58	72	73	259
2008	87	102	139	108	436
2009	113	171	168	148	600
2010	172	204	235	238	849
2011	210	230	134	167	741
2012	159	160	141	191	651
2013	136	143	124	120	523
2014	124	143	136	102	505
2015	112	127	111	132	482
2016	111	96	122	132	461
2017	103	98	126	111	438
2018	111	146	122	116	495
2019	120	152	129	128	529
2020	121	78	101	Year to Date	300

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

Table F-1. BANKRUPTCY FILINGS - Con.

[Percentage change from the same period in previous year]

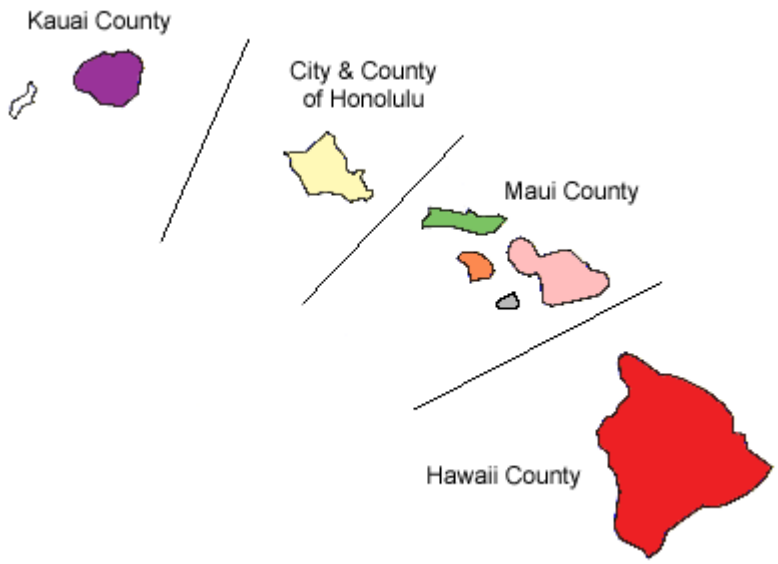
Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	**Annual**
Total (Chapters 7, 11, 12, 13) 1/					
1995	21.4	22.3	19.1	47.4	27.3
1996	31.3	55.4	65.0	56.5	51.9
1997	66.7	47.2	38.5	32.6	44.3
1998	28.3	33.0	36.4	25.0	30.6
1999	10.3	-2.8	-12.6	-19.5	-6.9
2000	-14.7	-15.7	-25.1	-9.1	-16.2
2001	8.5	10.9	19.5	5.7	10.8
2002	-4.8	-17.2	-5.2	-16.8	-11.0
2003	-23.0	-6.6	-19.2	-11.5	-15.4
2004	-11.4	-20.1	-25.6	-14.3	-18.0
2005	-7.3	15.8	77.9	103.2	44.2
2006	-76.9	-71.7	-79.0	-83.3	-78.5
2007	83.4	29.9	32.4	41.3	43.6
2008	25.3	33.7	64.0	77.2	50.6
2009	70.2	62.4	48.2	28.6	49.6
2010	31.4	42.7	22.6	14.2	27.4
2011	-3.1	-13.5	-23.3	-22.8	-15.7
2012	-21.3	-30.0	-25.9	-6.5	-21.7
2013	-24.8	-10.2	-11.8	-32.6	-20.3
2014	-16.9	-23.2	-11.7	-16.3	-17.3
2015	-7.4	-12.8	-10.3	1.6	-7.6
2016	-14.9	-11.4	-7.2	-11.4	-11.3
2017	-2.9	-8.1	1.9	0.9	-2.0
2018	2.7	27.8	3.4	7.5	10.0
2019	19.8	3.6	9.4	14.6	11.4
2020	-1.9	-12.0	-8.2	Year to Date	-7.4
Chapter 7					
1995	23.2	27.2	18.0	48.6	29.0
1996	28.5	49.6	67.3	54.6	50.4
1997	62.8	47.1	36.5	31.0	42.5
1998	29.7	34.5	40.8	28.5	33.3
1999	14.5	-0.5	-16.6	-21.8	-7.3
2000	-17.6	-17.5	-25.4	-9.7	-17.8
2001	11.9	10.2	20.7	5.7	12.4
2002	-7.5	-17.6	-2.5	-17.2	-11.3
2003	-24.1	-9.5	-23.7	-12.1	-17.7
2004	-10.2	-20.7	-22.8	-13.8	-17.1
2005	-7.1	21.1	87.9	116.5	51.2
2006	-77.6	-73.2	-82.2	-85.3	-80.6
2007	73.1	25.3	29.9	35.1	38.3
2008	20.7	27.1	55.8	84.0	46.8
2009	81.6	61.5	56.9	28.4	53.8
2010	26.9	49.4	19.1	3.6	24.1
2011	-8.8	-20.6	-17.5	-19.8	-16.9
2012	-20.7	-29.1	-32.0	-13.2	-24.1
2013	-28.0	-10.1	-13.4	-31.1	-20.9
2014	-18.9	-30.2	-17.9	-16.7	-21.5
2015	-8.2	-13.3	-7.1	-9.8	-9.6
2016	-20.3	-6.6	-14.0	-15.7	-14.2
2017	0.9	-11.7	1.2	9.1	-0.6
2018	0.9	19.9	8.4	11.0	9.9
2019	24.6	3.3	10.0	14.6	12.7
2020	-2.7	6.8	-2.0	Year to Date	0.6
Chapter 11					
1995	-50.0	-47.4	11.1	-44.4	-37.9
1996	100.0	80.0	40.0	-20.0	44.4
1997	33.3	-38.9	7.1	0.0	-3.8
1998	-56.3	-27.3	-73.3	0.0	-46.0
1999	14.3	12.5	50.0	-50.0	7.4
2000	-50.0	-55.6	66.7	200.0	3.4
2001	0.0	-25.0	10.0	-58.3	-23.3
2002	100.0	33.3	-63.6	-20.0	-13.0
2003	0.0	325.0	100.0	25.0	95.0
2004	-50.0	-29.4	-87.5	0.0	-41.0
2005	150.0	-83.3	0.0	-40.0	-30.4
2006	-80.0	100.0	100.0	-66.7	-43.8
2007	150.0	50.0	0.0	400.0	100.0
2008	-40.0	-66.7	100.0	120.0	27.8
2009	0.0	50.0	50.0	-45.5	-21.7
2010	100.0	0.0	-50.0	33.3	11.1
2011	0.0	333.3	0.0	-87.5	20.0
2012	-16.7	-69.2	(2/)	300.0	-45.8
2013	20.0	0.0	(2/)	-25.0	53.8
2014	-66.7	-50.0	-57.1	0.0	-50.0
2015	250.0	(2/)	33.3	100.0	70.0
2016	-14.3	(2/)	0.0	-83.3	-11.8
2017	-83.3	-25.0	-25.0	500.0	-13.3
2018	0.0	-66.7	(2/)	-66.7	-69.2
2019	200.0	0.0	(2/)	200.0	225.0
2020	-66.7	300.0	-66.7	Year to Date	-14.3
Chapter 13					
1995	37.5	8.7	25.8	104.8	42.4
1996	54.5	152.0	59.0	97.7	84.4
1997	115.7	73.0	69.4	51.8	73.8
1998	29.1	23.9	9.5	-3.1	14.6
1999	-23.2	-25.9	34.8	8.8	-3.3
2000	22.0	12.0	-26.5	-11.0	-3.6
2001	-17.3	18.8	11.4	13.2	5.0
2002	20.9	-15.0	-22.0	-15.3	-9.1
2003	-15.8	7.1	22.2	-6.9	0.2
2004	-17.9	-14.0	-40.5	-18.5	-22.9
2005	-16.3	-10.6	-2.8	14.8	-4.2
2006	-70.1	-61.3	-28.6	-56.4	-55.1
2007	143.5	61.1	44.0	65.9	69.3
2008	55.4	75.9	93.1	47.9	68.3
2009	29.9	67.6	20.9	37.0	37.6
2010	52.2	19.3	39.9	60.8	41.5
2011	22.1	12.7	-43.0	-29.8	-12.7
2012	-24.3	-30.4	5.2	14.4	-12.1
2013	-14.5	-10.6	-12.1	-37.2	-19.7
2014	-8.8	0.0	9.7	-15.0	-3.4
2015	-9.7	-11.2	-18.4	29.4	-4.6
2016	-0.9	-24.4	9.9	0.0	-4.4
2017	-7.2	2.1	3.3	-15.9	-5.0
2018	7.8	49.0	-3.2	4.5	13.0
2019	8.1	4.1	5.7	10.3	6.9
2020	0.8	-48.7	-21.7	Year to Date	-25.2

1/ Chapter 12 filings in Hawaii have been between 0 and 3 per quarter and can be calculated as Total less Chapters 7, 11 and 13.

2/ Percentage change involving zero not meaningful.

Source: U.S. Bankruptcy Court <http://www.uscourts.gov/statistics-reports/caseload-statistics-data-tables> and for the District of Hawaii <http://www.hib.uscourts.gov/stats/index_stats.html>.

G. SELECTED COUNTY TABLES



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

Title tables	State table Pages	Page	County
Civilian Labor Force	A- 1. 16	G- 1 to G- 4	131-134
Civilian Employed	A- 2. 17	G- 5 to G- 8	135-138
Civilian Unemployed	A- 3. 18	G- 9 to G-12	139-142
Civilian Unemployment Rate	A- 4. 19	G-13 to G-16	143-146
Total Visitor Arrivals - By Air	D- 2. 84	G-17 to G-20	147-150
Hotel Occupancy Rate	D-15. 100	G-21 to G-24	151-154
Private Residential Building Permits (Units)	E-3.....106	G-25 to G-28	155-158
Home Sales by Type	E-9.....113	G-29 to G-32	159-166
Home Sales by Residency of Buyer	E-10.....115	G-33 to G-36	167-174

Table G-1. CIVILIAN LABOR FORCE - HONOLULU

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	**Annual Average**
Not Seasonally Adjusted Data. Number of Persons 1/					
1990	401,650	409,400	410,250	414,600	409,000
1991	417,900	419,450	417,600	417,800	418,200
1992	421,050	423,750	424,150	426,450	423,850
1993	426,800	429,100	425,000	424,850	426,450
1994	426,200	426,550	422,300	423,300	424,600
1995	424,650	428,750	424,450	423,900	425,450
1996	428,550	432,700	430,800	431,300	430,850
1997	431,800	434,900	432,900	431,400	432,750
1998	431,000	433,300	432,800	432,750	432,450
1999	428,500	432,000	429,800	431,500	430,450
2000	429,750	432,350	429,800	431,600	430,900
2001	432,000	434,100	431,200	430,500	431,950
2002	426,900	425,200	421,950	422,550	424,150
2003	423,850	425,900	423,600	424,450	424,450
2004	424,700	428,100	427,400	431,700	428,000
2005	433,450	438,850	441,000	443,750	439,250
2006	443,500	446,050	444,950	444,650	444,800
2007	444,450	444,000	440,000	441,650	442,500
2008	443,050	446,900	443,650	442,100	443,900
2009	440,200	441,500	438,550	438,750	439,750
2010	435,100	442,700	446,600	452,350	444,200
2011	454,500	455,850	452,250	453,250	454,000
2012	447,950	446,850	442,850	445,150	445,700
2013	445,100	447,950	448,350	454,700	449,050
2014	457,000	458,200	456,650	460,200	458,000
2015 2/	462,150	462,800	460,750	465,350	462,750
2016 2/	464,750	465,150	465,900	468,750	466,150
2017 2/	469,500	466,200	462,100	461,150	464,750
2018 2/	462,250	460,550	454,850	454,550	458,050
2019 2/	452,300	448,900	449,000	452,050	450,550
2020 3/	454,600	420,850	427,550	Year-to-Date	434,350
Percentage Change from the Same Period in Previous Year					
1991	4.0	2.5	1.8	0.8	2.2
1992	0.8	1.0	1.6	2.1	1.4
1993	1.4	1.3	0.2	-0.4	0.6
1994	-0.1	-0.6	-0.6	-0.4	-0.4
1995	-0.4	0.5	0.5	0.1	0.2
1996	0.9	0.9	1.5	1.7	1.3
1997	0.8	0.5	0.5	0.0	0.4
1998	-0.2	-0.4	0.0	0.3	-0.1
1999	-0.6	-0.3	-0.7	-0.3	-0.5
2000	0.3	0.1	0.0	0.0	0.1
2001	0.5	0.4	0.3	-0.3	0.2
2002	-1.2	-2.1	-2.1	-1.8	-1.8
2003	-0.7	0.2	0.4	0.4	0.1
2004	0.2	0.5	0.9	1.7	0.8
2005	2.1	2.5	3.2	2.8	2.6
2006	2.3	1.6	0.9	0.2	1.3
2007	0.2	-0.5	-1.1	-0.7	-0.5
2008	-0.3	0.7	0.8	0.1	0.3
2009	-0.6	-1.2	-1.1	-0.8	-0.9
2010	-1.2	0.3	1.8	3.1	1.0
2011	4.5	3.0	1.3	0.2	2.2
2012	-1.4	-2.0	-2.1	-1.8	-1.8
2013	-0.6	0.2	1.2	2.1	0.8
2014	2.7	2.3	1.9	1.2	2.0
2015 2/	1.1	1.0	0.9	1.1	1.0
2016 2/	0.6	0.5	1.1	0.7	0.7
2017 2/	1.0	0.2	-0.8	-1.6	-0.3
2018 2/	-1.5	-1.2	-1.6	-1.4	-1.4
2019 2/	-2.2	-2.5	-1.3	-0.5	-1.6
2020 3/	0.5	-6.2	-4.8	Year-to-Date	-3.5

1/ Data rounded to nearest 50.
2/ 2015-2019 benchmarked by DLIR in March 2020 and reflect revised population controls and model rees
3/ 2020 data are preliminary. Q2 revised from previous *QSER.*

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

Table G-2. CIVILIAN LABOR FORCE - HAWAII

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	**Annual Average**
Not Seasonally Adjusted Data. Number of Persons 1/					
1990	56,250	58,250	59,600	59,550	58,400
1991	61,850	63,500	65,200	63,750	63,600
1992	64,400	65,800	66,400	64,250	65,200
1993	65,550	65,600	65,800	64,750	65,450
1994	65,150	65,700	66,950	64,700	65,600
1995	64,650	65,400	66,200	64,800	65,250
1996	65,900	67,300	68,500	68,000	67,400
1997	69,400	68,950	70,650	68,600	69,400
1998	68,750	69,500	70,400	68,700	69,350
1999	69,850	70,100	71,800	70,200	70,500
2000	74,350	73,950	73,950	73,300	73,900
2001	75,450	75,550	76,200	75,750	75,750
2002	75,650	75,550	75,850	74,750	75,450
2003	75,900	76,600	77,450	77,100	76,750
2004	77,350	78,000	79,350	78,750	78,350
2005	79,600	80,350	81,750	81,350	80,750
2006	82,400	83,650	84,450	84,900	83,850
2007	85,550	85,200	84,600	83,800	84,800
2008	85,000	85,750	85,300	83,500	84,900
2009	83,850	84,150	84,500	83,050	83,900
2010	86,950	89,000	89,750	87,950	88,400
2011	89,650	90,400	90,400	87,400	89,450
2012	87,250	87,300	87,400	85,700	86,900
2013	86,350	87,000	87,900	86,750	87,000
2014	86,800	88,750	90,350	88,650	88,650
2015 2/	88,500	89,650	91,300	90,050	89,900
2016 2/	91,450	93,100	94,400	93,250	93,050
2017 2/	93,350	94,350	93,750	92,850	93,550
2018 2/	92,600	93,200	92,950	91,050	92,450
2019 2/	90,550	91,250	91,250	91,550	91,150
2020 3/	91,700	87,950	87,050	Year-to-Date	88,900
Percentage Change from the Same Period in Previous Year					
1991	10.0	9.0	9.4	7.1	8.9
1992	4.1	3.6	1.8	0.8	2.5
1993	1.8	-0.3	-0.9	0.8	0.4
1994	-0.6	0.2	1.7	-0.1	0.2
1995	-0.8	-0.5	-1.1	0.2	-0.5
1996	1.9	2.9	3.5	4.9	3.3
1997	5.3	2.5	3.1	0.9	3.0
1998	-0.9	0.8	-0.4	0.1	-0.1
1999	1.6	0.9	2.0	2.2	1.7
2000	6.4	5.5	3.0	4.4	4.8
2001	1.5	2.2	3.0	3.3	2.5
2002	0.3	0.0	-0.5	-1.3	-0.4
2003	0.3	1.4	2.1	3.1	1.7
2004	1.9	1.8	2.5	2.1	2.1
2005	2.9	3.0	3.0	3.3	3.1
2006	3.5	4.1	3.3	4.4	3.8
2007	3.8	1.9	0.2	-1.3	1.1
2008	-0.6	0.6	0.8	-0.4	0.1
2009	-1.4	-1.9	-0.9	-0.5	-1.2
2010	3.7	5.8	6.2	5.9	5.4
2011	3.1	1.6	0.7	-0.6	1.2
2012	-2.7	-3.4	-3.3	-1.9	-2.9
2013	-1.0	-0.3	0.6	1.2	0.1
2014	0.5	2.0	2.8	2.2	1.9
2015 2/	2.0	1.0	1.1	1.6	1.4
2016 2/	3.3	3.8	3.4	3.6	3.5
2017 2/	2.1	1.3	-0.7	-0.4	0.5
2018 2/	-0.8	-1.2	-0.9	-1.9	-1.2
2019 2/	-2.2	-2.1	-1.8	0.5	-1.4
2020 3/	1.3	-3.6	-4.6	Year-to-Date	-2.3

1/ Data rounded to nearest 50.
2/ 2015-2019 benchmarked by DLIR in March 2020 and reflect revised population controls and model
3/ 2020 data are preliminary. Q2 revised from previous *QSER*.

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

Table G-3. CIVILIAN LABOR FORCE - MAUI

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	**Annual Average**
Not Seasonally Adjusted Data. Number of Persons 1/					
1990	55,150	57,500	58,950	57,850	57,400
1991	58,950	60,450	63,000	62,900	61,350
1992	64,100	65,750	67,300	66,100	65,800
1993	65,750	66,450	67,000	65,050	66,050
1994	65,850	66,050	67,300	66,050	66,300
1995	66,600	67,100	67,800	66,300	66,950
1996	67,350	67,750	69,350	68,550	68,250
1997	69,950	70,050	70,850	68,850	69,950
1998	69,650	70,900	72,300	70,300	70,800
1999	72,200	71,950	73,550	72,700	72,600
2000	70,750	70,800	71,400	70,850	70,950
2001	72,450	73,100	73,400	71,700	72,650
2002	71,750	71,550	72,050	70,000	71,350
2003	70,900	71,150	72,250	70,850	71,250
2004	72,900	73,200	74,400	73,000	73,400
2005	74,000	74,900	76,100	75,000	75,000
2006	76,100	76,850	78,250	77,450	77,150
2007	78,400	78,900	79,100	77,300	78,450
2008	78,650	79,450	79,000	75,800	78,250
2009	75,750	76,400	77,050	74,950	76,050
2010	78,550	79,950	80,750	79,800	79,750
2011	81,750	81,900	81,900	79,550	81,250
2012	80,200	80,050	80,500	79,250	80,000
2013	80,100	80,450	81,650	81,050	80,800
2014	82,500	83,300	84,350	83,400	83,400
2015 2/	84,300	84,950	86,250	85,050	85,150
2016 2/	86,450	86,900	88,050	87,450	87,200
2017 2/	88,500	88,750	88,600	87,300	88,300
2018 2/	87,800	88,450	88,950	87,100	88,100
2019 2/	86,950	86,500	87,250	86,250	86,750
2020 3/	87,000	85,300	81,150	Year-to-Date	84,500
Percentage Change from the Same Period in Previous Year					
1991	6.9	5.1	6.9	8.7	6.9
1992	8.7	8.8	6.8	5.1	7.3
1993	2.6	1.1	-0.4	-1.6	0.4
1994	0.2	-0.6	0.4	1.5	0.4
1995	1.1	1.6	0.7	0.4	1.0
1996	1.1	1.0	2.3	3.4	1.9
1997	3.9	3.4	2.2	0.4	2.5
1998	-0.4	1.2	2.0	2.1	1.2
1999	3.7	1.5	1.7	3.4	2.5
2000	-2.0	-1.6	-2.9	-2.5	-2.3
2001	2.4	3.2	2.8	1.2	2.4
2002	-1.0	-2.1	-1.8	-2.4	-1.8
2003	-1.2	-0.6	0.3	1.2	-0.1
2004	2.8	2.9	3.0	3.0	3.0
2005	1.5	2.3	2.3	2.7	2.2
2006	2.8	2.6	2.8	3.3	2.9
2007	3.0	2.7	1.1	-0.2	1.7
2008	0.3	0.7	-0.1	-1.9	-0.3
2009	-3.7	-3.8	-2.5	-1.1	-2.8
2010	3.7	4.6	4.8	6.5	4.9
2011	4.1	2.4	1.4	-0.3	1.9
2012	-1.9	-2.3	-1.7	-0.4	-1.5
2013	-0.1	0.5	1.4	2.3	1.0
2014	3.0	3.5	3.3	2.9	3.2
2015 2/	2.2	2.0	2.3	2.0	2.1
2016 2/	2.6	2.3	2.1	2.8	2.4
2017 2/	2.4	2.1	0.6	-0.2	1.3
2018 2/	-0.8	-0.3	0.4	-0.2	-0.2
2019 2/	-1.0	-2.2	-1.9	-1.0	-1.5
2020 3/	0.1	-1.4	-7.0	Year-to-Date	-2.8

1/ Data rounded to nearest 50.
2/ 2015-2019 benchmarked by DLIR in March 2020 and reflect revised population controls and model
3/ 2020 data are preliminary. Q2 revised from previous *QSER*.

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

Table G-4. CIVILIAN LABOR FORCE - KAUAI

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	**Annual Average**
Not Seasonally Adjusted Data. Number of Persons 1/					
1990	25,950	25,900	26,100	26,600	26,150
1991	27,850	28,500	29,150	28,500	28,500
1992	29,150	29,450	29,250	29,750	29,400
1993	28,850	28,400	28,400	28,200	28,450
1994	28,600	28,600	28,900	28,550	28,700
1995	28,650	28,650	29,200	28,850	28,850
1996	29,100	28,950	29,250	29,050	29,100
1997	28,800	28,950	29,250	28,550	28,900
1998	28,750	29,000	29,350	28,800	29,000
1999	29,150	29,100	29,700	29,450	29,350
2000	30,400	30,400	30,350	29,800	30,250
2001	30,150	30,500	30,500	29,900	30,250
2002	29,600	29,950	30,450	29,900	30,000
2003	30,250	30,500	31,150	30,650	30,650
2004	30,650	31,300	31,750	31,150	31,200
2005	31,450	31,600	32,650	31,900	31,900
2006	32,000	32,350	32,850	32,700	32,450
2007	32,550	32,650	33,000	32,450	32,650
2008	32,650	32,800	33,050	32,150	32,650
2009	31,950	32,050	32,350	31,600	32,000
2010	34,000	34,950	35,600	35,000	34,900
2011	35,600	35,950	36,200	34,550	35,550
2012	34,750	34,550	34,900	34,050	34,550
2013	34,400	34,700	35,200	34,600	34,750
2014	35,050	35,650	35,900	35,100	35,450
2015 2/	35,650	36,100	36,550	35,800	36,000
2016 2/	36,250	36,850	37,450	36,700	36,800
2017 2/	36,950	37,550	37,600	36,700	37,200
2018 2/	36,800	36,500	36,950	36,100	36,600
2019 2/	36,200	36,550	37,000	36,450	36,550
2020 3/	36,650	36,500	34,550	Year-to-Date	35,900
Percentage Change from the Same Period in Previous Year					
1991	7.3	10.0	11.7	7.1	9.0
1992	4.7	3.3	0.3	4.4	3.2
1993	-1.0	-3.6	-2.9	-5.2	-3.2
1994	-0.9	0.7	1.8	1.2	0.9
1995	0.2	0.2	1.0	1.1	0.5
1996	1.6	1.0	0.2	0.7	0.9
1997	-1.0	0.0	0.0	-1.7	-0.7
1998	-0.2	0.2	0.3	0.9	0.3
1999	1.4	0.3	1.2	2.3	1.2
2000	4.3	4.5	2.2	1.2	3.1
2001	-0.8	0.3	0.5	0.3	0.0
2002	-1.8	-1.8	-0.2	0.0	-0.8
2003	2.2	1.8	2.3	2.5	2.2
2004	1.3	2.6	1.9	1.6	1.8
2005	2.6	1.0	2.8	2.4	2.2
2006	1.7	2.4	0.6	2.5	1.7
2007	1.7	0.9	0.5	-0.8	0.6
2008	0.3	0.5	0.2	-0.9	0.0
2009	-2.1	-2.3	-2.1	-1.7	-2.0
2010	6.4	9.0	10.0	10.8	9.1
2011	4.7	2.9	1.7	-1.3	1.9
2012	-2.4	-3.9	-3.6	-1.4	-2.8
2013	-1.0	0.4	0.9	1.6	0.6
2014	1.9	2.7	2.0	1.4	2.0
2015 2/	1.7	1.3	1.8	2.0	1.6
2016 2/	1.7	2.1	2.5	2.5	2.2
2017 2/	1.9	1.9	0.4	0.0	1.1
2018 2/	-0.4	-2.8	-1.7	-1.6	-1.6
2019 2/	-1.6	0.1	0.1	1.0	-0.1
2020 3/	1.2	-0.1	-6.6	Year-to-Date	-1.9

1/ Data rounded to nearest 50.

2/ 2015-2019 benchmarked by DLIR in March 2020 and reflect revised population controls and model r

3/ 2020 data are preliminary. Q2 revised from previous *QSER*.

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

Table G-5. CIVILIAN EMPLOYMENT - HONOLULU

Year	*First Quarter*	*Second Quarter*	*Third Quarter*	*Fourth Quarter*	***Annual Average***
Not Seasonally Adjusted Data. Number of Persons 1/					
1990	392,950	399,950	401,250	406,600	400,200
1991	409,150	410,500	408,700	409,100	409,350
1992	410,350	411,600	411,150	414,150	411,800
1993	413,300	415,500	411,300	410,600	412,700
1994	408,950	408,050	403,150	406,650	406,700
1995	407,400	408,750	403,100	404,150	405,850
1996	406,850	409,650	407,700	409,450	408,400
1997	410,050	412,400	409,450	410,100	410,500
1998	409,700	410,700	408,750	410,200	409,850
1999	407,050	410,650	409,450	412,950	410,000
2000	411,050	414,100	412,000	415,300	413,100
2001	415,350	415,950	413,150	408,450	413,200
2002	407,000	407,150	405,100	407,550	406,700
2003	408,300	408,500	405,500	407,900	407,550
2004	409,400	413,900	413,550	418,700	413,900
2005	420,950	426,350	428,500	432,300	427,000
2006	432,200	433,200	433,450	435,000	433,500
2007	433,600	432,150	427,950	429,650	430,850
2008	430,250	430,500	425,000	421,600	426,850
2009	415,300	414,000	411,050	412,450	413,200
2010	408,850	416,300	419,300	426,100	417,650
2011	428,450	429,400	424,700	426,150	427,200
2012	421,350	421,200	419,550	424,100	421,550
2013	424,850	427,750	428,350	435,000	429,000
2014	437,650	438,650	438,050	442,800	439,300
2015 2/	445,100	446,250	445,500	451,850	447,200
2016 2/	451,650	451,350	452,850	456,700	453,150
2017 2/	457,600	454,750	451,650	451,500	453,900
2018 2/	451,900	449,450	443,500	443,150	447,000
2019 2/	440,550	436,700	437,100	441,400	438,950
2020 3/	443,400	346,050	376,250	Year-to-Date	388,550
Percentage Change from the Same Period in Previous Year					
1991	4.1	2.6	1.9	0.6	2.3
1992	0.3	0.3	0.6	1.2	0.6
1993	0.7	0.9	0.0	-0.9	0.2
1994	-1.1	-1.8	-2.0	-1.0	-1.5
1995	-0.4	0.2	0.0	-0.6	-0.2
1996	-0.1	0.2	1.1	1.3	0.6
1997	0.8	0.7	0.4	0.2	0.5
1998	-0.1	-0.4	-0.2	0.0	-0.2
1999	-0.6	0.0	0.2	0.7	0.0
2000	1.0	0.8	0.6	0.6	0.8
2001	1.0	0.4	0.3	-1.6	0.0
2002	-2.0	-2.1	-1.9	-0.2	-1.6
2003	0.3	0.3	0.1	0.1	0.2
2004	0.3	1.3	2.0	2.6	1.6
2005	2.8	3.0	3.6	3.2	3.2
2006	2.7	1.6	1.2	0.6	1.5
2007	0.3	-0.2	-1.3	-1.2	-0.6
2008	-0.8	-0.4	-0.7	-1.9	-0.9
2009	-3.5	-3.8	-3.3	-2.2	-3.2
2010	-1.6	0.6	2.0	3.3	1.1
2011	4.8	3.1	1.3	0.0	2.3
2012	-1.7	-1.9	-1.2	-0.5	-1.3
2013	0.8	1.6	2.1	2.6	1.8
2014	3.0	2.5	2.3	1.8	2.4
2015 2/	1.7	1.7	1.7	2.0	1.8
2016 2/	1.5	1.1	1.6	1.1	1.3
2017 2/	1.3	0.8	-0.3	-1.1	0.2
2018 2/	-1.2	-1.2	-1.8	-1.8	-1.5
2019 2/	-2.5	-2.8	-1.4	-0.4	-1.8
2020 3/	0.6	-20.8	-13.9	Year-to-Date	-11.3

1/ Data rounded to nearest 50.
2/ 2015-2019 benchmarked by DLIR in March 2020 and reflect revised population controls and model r
3/ Q2 revised from previous *QSER*. 2020 data are preliminary.

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

Table G-6. CIVILIAN EMPLOYMENT - HAWAII

Year	*First Quarter*	*Second Quarter*	*Third Quarter*	*Fourth Quarter*	***Annual Average***
Not Seasonally Adjusted Data. Number of Persons 1/					
1990	54,000	55,450	57,350	57,850	56,150
1991	59,450	60,350	61,900	60,800	60,600
1992	60,250	60,200	60,500	59,950	60,200
1993	60,500	59,950	60,750	60,150	60,350
1994	59,500	59,100	59,650	58,250	59,100
1995	58,450	58,350	58,700	58,850	58,600
1996	59,650	60,300	61,400	61,950	60,850
1997	63,150	61,400	63,000	62,550	62,500
1998	62,700	62,400	63,300	62,950	62,850
1999	64,050	63,550	65,250	65,400	64,550
2000	70,550	70,000	70,100	70,000	70,150
2001	71,850	71,350	72,350	71,500	71,750
2002	71,800	71,550	72,250	71,700	71,850
2003	72,400	72,350	73,500	73,600	73,000
2004	74,050	74,600	76,150	75,900	75,150
2005	76,800	77,450	78,750	78,900	78,000
2006	79,800	80,600	81,800	82,700	81,200
2007	82,900	82,150	81,400	80,650	81,750
2008	81,450	81,100	79,650	77,000	79,800
2009	75,900	75,300	75,550	74,600	75,350
2010	78,550	80,100	80,750	79,550	79,750
2011	81,050	81,150	81,550	79,250	80,750
2012	79,400	79,600	80,350	79,650	79,750
2013	80,450	80,900	82,150	81,500	81,250
2014	81,750	83,500	85,500	84,400	83,800
2015 2/	84,300	85,500	87,400	86,700	86,000
2016 2/	88,150	89,400	90,900	90,350	89,700
2017 2/	90,450	91,450	91,200	90,600	90,900
2018 2/	90,250	90,500	89,950	88,000	89,650
2019 2/	87,450	87,950	88,050	88,650	88,000
2020 3/	88,750	71,100	75,750	Year-to-Date	78,500
Percentage Change from the Same Period in Previous Year					
1991	10.1	8.8	7.9	5.1	7.9
1992	1.3	-0.2	-2.3	-1.4	-0.7
1993	0.4	-0.4	0.4	0.3	0.2
1994	-1.7	-1.4	-1.8	-3.2	-2.1
1995	-1.8	-1.3	-1.6	1.0	-0.8
1996	2.1	3.3	4.6	5.3	3.8
1997	5.9	1.8	2.6	1.0	2.7
1998	-0.7	1.6	0.5	0.6	0.6
1999	2.2	1.8	3.1	3.9	2.7
2000	10.1	10.1	7.4	7.0	8.7
2001	1.8	1.9	3.2	2.1	2.3
2002	-0.1	0.3	-0.1	0.3	0.1
2003	0.8	1.1	1.7	2.6	1.6
2004	2.3	3.1	3.6	3.1	2.9
2005	3.7	3.8	3.4	4.0	3.8
2006	3.9	4.1	3.9	4.8	4.1
2007	3.9	1.9	-0.5	-2.5	0.7
2008	-1.7	-1.3	-2.1	-4.5	-2.4
2009	-6.8	-7.2	-5.1	-3.1	-5.6
2010	3.5	6.4	6.9	6.6	5.8
2011	3.2	1.3	1.0	-0.4	1.3
2012	-2.0	-1.9	-1.5	0.5	-1.2
2013	1.3	1.6	2.2	2.3	1.9
2014	1.6	3.2	4.1	3.6	3.1
2015 2/	3.1	2.4	2.2	2.7	2.6
2016 2/	4.6	4.6	4.0	4.2	4.3
2017 2/	2.6	2.3	0.3	0.3	1.3
2018 2/	-0.2	-1.0	-1.4	-2.9	-1.4
2019 2/	-3.1	-2.8	-2.1	0.7	-1.8
2020 3/	1.5	-19.2	-14.0	Year-to-Date	-10.6

1/ Data rounded to nearest 50.
2/ 2015-2019 benchmarked by DLIR in March 2020 and reflect revised population controls and model
3/ Q2 revised from previous *QSER*. 2020 data are preliminary.

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

Table G-7. CIVILIAN EMPLOYMENT - MAUI

Year	*First Quarter*	*Second Quarter*	*Third Quarter*	*Fourth Quarter*	***Annual Average***
Not Seasonally Adjusted Data. Number of Persons 1/					
1990	52,700	54,650	56,200	55,450	54,750
1991	56,200	57,150	59,200	59,150	57,900
1992	59,500	60,200	61,250	60,650	60,400
1993	61,650	62,850	63,500	61,700	62,450
1994	61,750	61,850	63,000	62,100	62,200
1995	62,050	62,050	62,600	61,500	62,050
1996	62,350	62,850	64,450	63,700	63,350
1997	64,800	64,550	65,750	64,250	64,850
1998	64,900	66,000	67,450	66,050	66,100
1999	67,800	67,900	69,600	69,200	68,600
2000	67,700	67,950	68,600	68,400	68,150
2001	69,750	70,200	70,550	67,800	69,550
2002	68,450	68,600	69,250	67,500	68,450
2003	68,300	68,300	69,150	68,050	68,450
2004	70,350	70,750	72,050	70,900	71,000
2005	72,000	72,850	73,950	73,050	72,950
2006	74,100	74,700	76,300	75,850	75,250
2007	76,600	76,950	76,450	74,550	76,150
2008	75,900	76,200	74,900	70,650	74,400
2009	69,300	69,300	69,800	68,000	69,100
2010	71,700	73,150	73,950	73,250	73,000
2011	75,150	75,450	75,450	73,450	74,900
2012	74,500	74,700	75,550	74,900	74,900
2013	75,850	76,250	77,500	77,050	76,650
2014	78,500	79,350	80,700	80,100	79,650
2015 2/	80,850	81,700	83,250	82,350	82,050
2016 2/	83,750	84,150	85,300	85,050	84,550
2017 2/	85,950	86,250	86,500	85,400	86,050
2018 2/	85,850	86,300	86,700	84,850	85,950
2019 2/	84,550	84,150	85,000	84,150	84,450
2020 3/	84,800	59,550	63,200	Year-to-Date	69,150
Percentage Change from the Same Period in Previous Year					
1991	6.6	4.6	5.3	6.7	5.8
1992	5.9	5.3	3.5	2.5	4.3
1993	3.6	4.4	3.7	1.7	3.4
1994	0.2	-1.6	-0.8	0.6	-0.4
1995	0.5	0.3	-0.6	-1.0	-0.2
1996	0.5	1.3	3.0	3.6	2.1
1997	3.9	2.7	2.0	0.9	2.4
1998	0.2	2.2	2.6	2.8	1.9
1999	4.5	2.9	3.2	4.8	3.8
2000	-0.1	0.1	-1.4	-1.2	-0.7
2001	3.0	3.3	2.8	-0.9	2.1
2002	-1.9	-2.3	-1.8	-0.4	-1.6
2003	-0.2	-0.4	-0.1	0.8	0.0
2004	3.0	3.6	4.2	4.2	3.7
2005	2.3	3.0	2.6	3.0	2.7
2006	2.9	2.5	3.2	3.8	3.2
2007	3.4	3.0	0.2	-1.7	1.2
2008	-0.9	-1.0	-2.0	-5.2	-2.3
2009	-8.7	-9.1	-6.8	-3.8	-7.1
2010	3.5	5.6	5.9	7.7	5.6
2011	4.8	3.1	2.0	0.3	2.6
2012	-0.9	-1.0	0.1	2.0	0.0
2013	1.8	2.1	2.6	2.9	2.3
2014	3.5	4.1	4.1	4.0	3.9
2015 2/	3.0	3.0	3.2	2.8	3.0
2016 2/	3.6	3.0	2.5	3.3	3.0
2017 2/	2.6	2.5	1.4	0.4	1.8
2018 2/	-0.1	0.1	0.2	-0.6	-0.1
2019 2/	-1.5	-2.5	-2.0	-0.8	-1.7
2020 3/	0.3	-29.2	-25.6	Year-to-Date	-18.2

1/ Data rounded to nearest 50.
2/ 2015-2019 benchmarked by DLIR in March 2020 and reflect revised population controls and model
3/ Q2 revised from previous *QSER*. 2020 data are preliminary.

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

Table G-8. CIVILIAN EMPLOYMENT - KAUAI

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	**Annual Average**
Not Seasonally Adjusted Data. Number of Persons 1/					
1990	24,800	24,700	25,100	25,850	25,100
1991	26,750	27,250	27,850	27,200	27,300
1992	27,350	27,300	27,250	24,050	26,500
1993	24,050	24,600	25,050	25,050	24,700
1994	24,600	24,700	25,250	25,200	24,950
1995	25,300	25,300	25,950	25,600	25,550
1996	25,450	25,400	25,950	25,550	25,600
1997	25,350	25,750	26,100	25,600	25,700
1998	25,800	26,100	26,600	26,200	26,200
1999	26,750	27,000	27,650	27,400	27,200
2000	28,850	28,950	28,900	28,400	28,750
2001	28,600	28,800	29,000	28,150	28,650
2002	28,000	28,500	29,200	28,750	28,600
2003	29,000	29,150	29,800	29,450	29,350
2004	29,500	30,200	30,650	30,100	30,100
2005	30,500	30,700	31,750	31,050	31,000
2006	31,150	31,400	32,000	32,050	31,650
2007	31,750	31,800	32,150	31,450	31,800
2008	31,600	31,450	31,450	29,800	31,100
2009	28,800	28,750	29,200	28,750	28,850
2010	31,000	31,900	32,550	32,050	31,900
2011	32,550	32,800	33,100	31,700	32,550
2012	31,950	31,850	32,550	32,000	32,100
2013	32,350	32,750	33,300	32,750	32,800
2014	33,250	33,900	34,250	33,600	33,750
2015 2/	34,100	34,600	35,150	34,550	34,600
2016 2/	35,050	35,600	36,300	35,650	35,650
2017 2/	35,950	36,550	36,800	36,000	36,300
2018 2/	36,050	35,600	35,900	35,150	35,650
2019 2/	35,200	35,550	36,050	35,450	35,550
2020 3/	35,700	26,250	27,850	Year-to-Date	29,950
Percentage Change from the Same Period in Previous Year					
1991	7.9	10.3	11.0	5.2	8.8
1992	2.2	0.2	-2.2	-11.6	-2.9
1993	-12.1	-9.9	-8.1	4.2	-6.8
1994	2.3	0.4	0.8	0.6	1.0
1995	2.8	2.4	2.8	1.6	2.4
1996	0.6	0.4	0.0	-0.2	0.2
1997	-0.4	1.4	0.6	0.2	0.4
1998	1.8	1.4	1.9	2.3	1.9
1999	3.7	3.4	3.9	4.6	3.8
2000	7.9	7.2	4.5	3.6	5.7
2001	-0.9	-0.5	0.3	-0.9	-0.3
2002	-2.1	-1.0	0.7	2.1	-0.2
2003	3.6	2.3	2.1	2.4	2.6
2004	1.7	3.6	2.9	2.2	2.6
2005	3.4	1.7	3.6	3.2	3.0
2006	2.1	2.3	0.8	3.2	2.1
2007	1.9	1.3	0.5	-1.9	0.5
2008	-0.5	-1.1	-2.2	-5.2	-2.2
2009	-8.9	-8.6	-7.2	-3.5	-7.2
2010	7.6	11.0	11.5	11.5	10.6
2011	5.0	2.8	1.7	-1.1	2.0
2012	-1.8	-2.9	-1.7	0.9	-1.4
2013	1.3	2.8	2.3	2.3	2.2
2014	2.8	3.5	2.9	2.6	2.9
2015 2/	2.6	2.1	2.6	2.8	2.5
2016 2/	2.8	2.9	3.3	3.2	3.0
2017 2/	2.6	2.7	1.4	1.0	1.8
2018 2/	0.3	-2.6	-2.4	-2.4	-1.8
2019 2/	-2.4	-0.1	0.4	0.9	-0.3
2020 3/	1.4	-26.2	-22.7	Year-to-Date	-15.9

1/ Data rounded to nearest 50.
2/ 2015-2019 benchmarked by DLIR in March 2020 and reflect revised population controls and model
3/ Q2 revised from previous *QSER*. 2020 data are preliminary.

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

Table G-9. CIVILIAN UNEMPLOYMENT - HONOLULU

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	**Annual Average**
Not Seasonally Adjusted Data. Number of Persons 1/					
1990	8,700	9,450	9,000	8,000	8,800
1991	8,750	8,950	8,900	8,750	8,850
1992	10,700	12,150	13,000	12,250	12,050
1993	13,500	13,550	13,700	14,250	13,750
1994	17,300	18,550	19,150	16,650	17,900
1995	17,250	20,050	21,350	19,750	19,600
1996	21,750	23,000	23,150	21,850	22,450
1997	21,800	22,500	23,400	21,300	22,250
1998	21,300	22,600	24,050	22,550	22,600
1999	21,450	21,350	20,350	18,550	20,450
2000	18,700	18,300	17,800	16,300	17,750
2001	16,650	18,150	18,050	22,100	18,750
2002	19,950	18,050	16,800	15,000	17,450
2003	15,550	17,450	18,100	16,550	16,900
2004	15,300	14,250	13,800	13,050	14,100
2005	12,500	12,500	12,450	11,450	12,250
2006	11,300	12,800	11,500	9,650	11,300
2007	10,800	11,850	12,000	12,000	11,650
2008	12,800	16,400	18,650	20,500	17,100
2009	24,900	27,500	27,500	26,300	26,550
2010	26,300	26,400	27,300	26,300	26,550
2011	26,100	26,450	27,550	27,100	26,800
2012	26,600	25,650	23,250	21,050	24,150
2013	20,250	20,150	20,000	19,750	20,050
2014	19,400	19,550	18,600	17,400	18,750
2015 2/	17,050	16,600	15,250	13,500	15,600
2016 2/	13,150	13,800	13,050	12,050	13,000
2017 2/	11,850	11,450	10,450	9,650	10,850
2018 2/	10,350	11,050	11,350	11,400	11,050
2019 2/	11,800	12,200	11,900	10,600	11,650
2020 3/	11,250	74,800	51,300	Year-to-Date	45,800
Percentage Change from the Same Period in Previous Year					
1991	0.6	-5.3	-1.1	9.4	0.6
1992	22.3	35.8	46.1	40.0	36.2
1993	26.2	11.5	5.4	16.3	14.1
1994	28.1	36.9	39.8	16.8	30.2
1995	-0.3	8.1	11.5	18.6	9.5
1996	26.1	14.7	8.4	10.6	14.5
1997	0.2	-2.2	1.1	-2.5	-0.9
1998	-2.3	0.4	2.8	5.9	1.6
1999	0.7	-5.5	-15.4	-17.7	-9.5
2000	-12.8	-14.3	-12.5	-12.1	-13.2
2001	-11.0	-0.8	1.4	35.6	5.6
2002	19.8	-0.6	-6.9	-32.1	-6.9
2003	-22.1	-3.3	7.7	10.3	-3.2
2004	-1.6	-18.3	-23.8	-21.1	-16.6
2005	-18.3	-12.3	-9.8	-12.3	-13.1
2006	-9.6	2.4	-7.6	-15.7	-7.8
2007	-4.4	-7.4	4.3	24.4	3.1
2008	18.5	38.4	55.4	70.8	46.8
2009	94.5	67.7	47.5	28.3	55.3
2010	5.6	-4.0	-0.7	0.0	0.0
2011	-0.8	0.2	0.9	3.0	0.9
2012	1.9	-3.0	-15.6	-22.3	-9.9
2013	-23.9	-21.4	-14.0	-6.2	-17.0
2014	-4.2	-3.0	-7.0	-11.9	-6.5
2015 2/	-12.1	-15.1	-18.0	-22.4	-16.8
2016 2/	-22.9	-16.9	-14.4	-10.7	-16.7
2017 2/	-9.9	-17.0	-19.9	-19.9	-16.5
2018 2/	-12.7	-3.5	8.6	18.1	1.8
2019 2/	14.0	10.4	4.8	-7.0	5.4
2020 3/	-4.7	513.1	331.1	Year-to-Date	283.3

1/ Data rounded to nearest 50.
2/ 2015-2019 benchmarked by DLIR in March 2020 and reflect revised population controls and model
3/ Q2 revised from previous *QSER*. 2020 data are preliminary.

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

Table G-10. CIVILIAN UNEMPLOYMENT - HAWAII

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	**Annual Average**
Not Seasonally Adjusted Data. Number of Persons 1/					
1990	2,300	2,800	2,200	1,650	2,250
1991	2,400	3,150	3,300	2,950	2,950
1992	4,100	5,650	5,900	4,300	5,000
1993	5,050	5,700	5,050	4,600	5,100
1994	5,650	6,600	7,350	6,450	6,500
1995	6,150	7,050	7,550	5,950	6,650
1996	6,250	7,000	7,100	6,000	6,600
1997	6,300	7,500	7,600	6,050	6,900
1998	6,100	7,150	7,050	5,750	6,500
1999	5,750	6,550	6,550	4,800	5,900
2000	3,800	3,950	3,900	3,250	3,700
2001	3,600	4,200	3,850	4,250	4,000
2002	3,800	3,950	3,600	3,050	3,600
2003	3,450	4,200	3,950	3,500	3,800
2004	3,300	3,400	3,200	2,800	3,200
2005	2,800	2,900	3,000	2,500	2,800
2006	2,600	3,050	2,650	2,200	2,600
2007	2,700	3,050	3,200	3,150	3,000
2008	3,600	4,650	5,650	6,500	5,100
2009	7,950	8,850	8,950	8,450	8,550
2010	8,400	8,900	9,000	8,400	8,650
2011	8,550	9,250	8,850	8,200	8,700
2012	7,900	7,700	7,000	6,050	7,150
2013	5,900	6,100	5,750	5,300	5,750
2014	5,050	5,250	4,850	4,200	4,850
2015 2/	4,250	4,150	3,900	3,300	3,900
2016 2/	3,350	3,700	3,500	2,900	3,350
2017 2/	2,850	2,900	2,550	2,250	2,650
2018 2/	2,350	2,750	3,050	3,050	2,800
2019 2/	3,100	3,300	3,250	2,950	3,150
2020 3/	3,000	17,250	11,300	Year-to-Date	10,500
Percentage Change from the Same Period in Previous Year					
1991	4.3	12.5	50.0	78.8	31.1
1992	70.8	79.4	78.8	45.8	69.5
1993	23.2	0.9	-14.4	7.0	2.0
1994	11.9	15.8	45.5	40.2	27.5
1995	8.8	6.8	2.7	-7.8	2.3
1996	1.6	-0.7	-6.0	0.8	-0.8
1997	0.8	7.1	7.0	0.8	4.5
1998	-3.2	-4.7	-7.2	-5.0	-5.8
1999	-5.7	-8.4	-7.1	-16.5	-9.2
2000	-33.9	-39.7	-40.5	-32.3	-37.3
2001	-5.3	6.3	-1.3	30.8	8.1
2002	5.6	-6.0	-6.5	-28.2	-10.0
2003	-9.2	6.3	9.7	14.8	5.6
2004	-4.3	-19.0	-19.0	-20.0	-15.8
2005	-15.2	-14.7	-6.3	-10.7	-12.5
2006	-7.1	5.2	-11.7	-12.0	-7.1
2007	3.8	0.0	20.8	43.2	15.4
2008	33.3	52.5	76.6	106.3	70.0
2009	120.8	90.3	58.4	30.0	67.6
2010	5.7	0.6	0.6	-0.6	1.2
2011	1.8	3.9	-1.7	-2.4	0.6
2012	-7.6	-16.8	-20.9	-26.2	-17.8
2013	-25.3	-20.8	-17.9	-12.4	-19.6
2014	-14.4	-13.9	-15.7	-20.8	-15.7
2015 2/	-15.8	-21.0	-19.6	-21.4	-19.6
2016 2/	-21.2	-10.8	-10.3	-12.1	-14.1
2017 2/	-14.9	-21.6	-27.1	-22.4	-20.9
2018 2/	-17.5	-5.2	19.6	35.6	5.7
2019 2/	31.9	20.0	6.6	-3.3	12.5
2020 3/	-3.2	422.7	247.7	Year-to-Date	228.1

1/ Data rounded to nearest 50.
2/ 2015-2019 benchmarked by DLIR in March 2020 and reflect revised population controls and model r
3/ Q2 revised from previous *QSER*. 2020 data are preliminary.

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

Table G-11. CIVILIAN UNEMPLOYMENT - MAUI

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	**Annual Average**
Not Seasonally Adjusted Data. Number of Persons 1/					
1990	2,500	2,900	2,800	2,350	2,650
1991	2,750	3,300	3,800	3,750	3,400
1992	4,550	5,550	6,000	5,400	5,400
1993	4,050	3,600	3,500	3,350	3,650
1994	4,050	4,200	4,300	4,000	4,150
1995	4,550	5,050	5,200	4,750	4,900
1996	5,050	4,850	4,900	4,850	4,900
1997	5,100	5,500	5,100	4,600	5,100
1998	4,800	4,850	4,850	4,250	4,700
1999	4,400	4,100	3,950	3,500	4,000
2000	3,050	2,900	2,750	2,450	2,800
2001	2,700	2,900	2,850	3,900	3,100
2002	3,350	2,950	2,800	2,500	2,900
2003	2,600	2,850	3,050	2,750	2,850
2004	2,550	2,500	2,300	2,150	2,350
2005	2,000	2,000	2,100	2,000	2,050
2006	2,000	2,200	1,950	1,600	1,950
2007	1,800	2,000	2,650	2,800	2,300
2008	2,750	3,250	4,100	5,150	3,800
2009	6,450	7,100	7,250	6,950	6,950
2010	6,850	6,800	6,800	6,550	6,750
2011	6,550	6,450	6,400	6,100	6,400
2012	5,750	5,350	4,900	4,350	5,100
2013	4,250	4,150	4,150	4,050	4,150
2014	4,050	3,900	3,650	3,300	3,700
2015 2/	3,450	3,250	3,000	2,700	3,100
2016 2/	2,700	2,750	2,700	2,450	2,650
2017 2/	2,550	2,500	2,150	1,900	2,250
2018 2/	2,000	2,150	2,200	2,250	2,150
2019 2/	2,400	2,300	2,250	2,100	2,250
2020 3/	2,200	25,800	18,000	Year-to-Date	15,350
Percentage Change from the Same Period in Previous Year					
1991	10.0	13.8	35.7	59.6	28.3
1992	65.5	68.2	57.9	44.0	58.8
1993	-11.0	-35.1	-41.7	-38.0	-32.4
1994	0.0	16.7	22.9	19.4	13.7
1995	12.3	20.2	20.9	18.8	18.1
1996	11.0	-4.0	-5.8	2.1	0.0
1997	1.0	13.4	4.1	-5.2	4.1
1998	-5.9	-11.8	-4.9	-7.6	-7.8
1999	-8.3	-15.5	-18.6	-17.6	-14.9
2000	-30.7	-29.3	-30.4	-30.0	-30.0
2001	-11.5	0.0	3.6	59.2	10.7
2002	24.1	1.7	-1.8	-35.9	-6.5
2003	-22.4	-3.4	8.9	10.0	-1.7
2004	-1.9	-12.3	-24.6	-21.8	-17.5
2005	-21.6	-20.0	-8.7	-7.0	-12.8
2006	0.0	10.0	-7.1	-20.0	-4.9
2007	-10.0	-9.1	35.9	75.0	17.9
2008	52.8	62.5	54.7	83.9	65.2
2009	134.5	118.5	76.8	35.0	82.9
2010	6.2	-4.2	-6.2	-5.8	-2.9
2011	-4.4	-5.1	-5.9	-6.9	-5.2
2012	-12.2	-17.1	-23.4	-28.7	-20.3
2013	-26.1	-22.4	-15.3	-6.9	-18.6
2014	-4.7	-6.0	-12.0	-18.5	-10.8
2015 2/	-14.8	-16.7	-17.8	-18.2	-16.2
2016 2/	-21.7	-15.4	-10.0	-9.3	-14.5
2017 2/	-5.6	-9.1	-20.4	-22.4	-15.1
2018 2/	-21.6	-14.0	2.3	18.4	-4.4
2019 2/	20.0	7.0	2.3	-6.7	4.7
2020 3/	-8.3	1021.7	700.0	Year-to-Date	567.4

1/ Data rounded to nearest 50.
2/ 2015-2019 benchmarked by DLIR in March 2020 and reflect revised population controls and model r
3/ Q2 revised from previous *QSER*. 2020 data are preliminary.

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

Table G-12. CIVILIAN UNEMPLOYMENT - KAUAI

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	**Annual Average**
Not Seasonally Adjusted Data. Number of Persons 1/					
1990	1,150	1,150	1,000	800	1,050
1991	1,050	1,250	1,250	1,250	1,200
1992	1,800	2,150	1,950	5,700	2,900
1993	4,800	3,850	3,400	3,150	3,800
1994	4,000	3,950	3,700	3,350	3,750
1995	3,300	3,400	3,250	3,250	3,300
1996	3,650	3,550	3,300	3,500	3,500
1997	3,400	3,200	3,100	2,950	3,150
1998	2,950	2,900	2,800	2,600	2,800
1999	2,450	2,150	2,050	2,050	2,150
2000	1,550	1,450	1,500	1,350	1,450
2001	1,550	1,700	1,500	1,700	1,600
2002	1,600	1,400	1,300	1,150	1,350
2003	1,250	1,400	1,350	1,200	1,300
2004	1,150	1,100	1,100	1,050	1,100
2005	950	900	900	850	900
2006	850	900	900	650	850
2007	800	850	900	1,000	900
2008	1,050	1,300	1,600	2,350	1,600
2009	3,150	3,350	3,150	2,900	3,150
2010	2,950	3,050	3,050	2,950	3,000
2011	3,050	3,150	3,100	2,850	3,050
2012	2,800	2,700	2,400	2,050	2,500
2013	2,000	1,950	1,900	1,850	1,950
2014	1,800	1,750	1,650	1,500	1,700
2015 2/	1,500	1,500	1,400	1,250	1,400
2016 2/	1,200	1,250	1,150	1,050	1,150
2017 2/	1,000	1,000	800	700	900
2018 2/	750	950	1,050	950	950
2019 2/	1,000	1,000	1,000	950	1,000
2020 3/	1,000	10,250	6,650	Year-to-Date	5,950
Percentage Change from the Same Period in Previous Year					
1991	-8.7	8.7	25.0	56.3	14.3
1992	71.4	72.0	56.0	356.0	141.7
1993	166.7	79.1	74.4	-44.7	31.0
1994	-16.7	2.6	8.8	6.3	-1.3
1995	-17.5	-13.9	-12.2	-3.0	-12.0
1996	10.6	4.4	1.5	7.7	6.1
1997	-6.8	-9.9	-6.1	-15.7	-10.0
1998	-13.2	-9.4	-9.7	-11.9	-11.1
1999	-16.9	-25.9	-26.8	-21.2	-23.2
2000	-36.7	-32.6	-26.8	-34.1	-32.6
2001	0.0	17.2	0.0	25.9	10.3
2002	3.2	-17.6	-13.3	-32.4	-15.6
2003	-21.9	0.0	3.8	4.3	-3.7
2004	-8.0	-21.4	-18.5	-12.5	-15.4
2005	-17.4	-18.2	-18.2	-19.0	-18.2
2006	-10.5	0.0	0.0	-23.5	-5.6
2007	-5.9	-5.6	0.0	53.8	5.9
2008	31.3	52.9	77.8	135.0	77.8
2009	200.0	157.7	96.9	23.4	96.9
2010	-6.3	-9.0	-3.2	1.7	-4.8
2011	3.4	3.3	1.6	-3.4	1.7
2012	-8.2	-14.3	-22.6	-28.1	-18.0
2013	-28.6	-27.8	-20.8	-9.8	-22.0
2014	-10.0	-10.3	-13.2	-18.9	-12.8
2015 2/	-16.7	-14.3	-15.2	-16.7	-17.6
2016 2/	-20.0	-16.7	-17.9	-16.0	-17.9
2017 2/	-16.7	-20.0	-30.4	-33.3	-21.7
2018 2/	-25.0	-5.0	31.3	35.7	5.6
2019 2/	33.3	5.3	-4.8	0.0	5.3
2020 3/	0.0	925.0	565.0	Year-to-Date	495.0

1/ Data rounded to nearest 50.
2/ 2010-2019 benchmarked by DLIR in March 2019 and reflect revised population controls and model re
3/ Q2 revised from previous *QSER*. 2020 data are preliminary.

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

Table G-13. CIVILIAN UNEMPLOYMENT RATE - HONOLULU

Year	*First Quarter*	*Second Quarter*	*Third Quarter*	*Fourth Quarter*	***Annual Average***
Not Seasonally Adjusted Data. Percent 1/					
1990	2.2	2.3	2.2	1.9	2.1
1991	2.1	2.2	2.1	2.1	2.1
1992	2.6	2.9	3.1	2.9	2.8
1993	3.2	3.2	3.2	3.4	3.2
1994	4.1	4.4	4.5	3.9	4.2
1995	4.1	4.7	5.0	4.7	4.6
1996	5.1	5.3	5.4	5.1	5.2
1997	5.0	5.2	5.4	4.9	5.1
1998	4.9	5.2	5.6	5.2	5.2
1999	5.0	4.9	4.7	4.3	4.7
2000	4.3	4.2	4.1	3.8	4.1
2001	3.8	4.2	4.2	5.1	4.3
2002	4.7	4.3	4.0	3.5	4.1
2003	3.6	4.1	4.3	3.9	4.0
2004	3.6	3.3	3.2	3.0	3.3
2005	2.9	2.8	2.8	2.6	2.8
2006	2.5	2.8	2.6	2.2	2.5
2007	2.4	2.7	2.7	2.7	2.6
2008	2.9	3.7	4.2	4.6	3.8
2009	5.7	6.2	6.2	6.0	6.0
2010	6.1	5.9	6.1	5.8	6.0
2011	5.7	5.8	6.1	6.0	5.9
2012	6.0	5.7	5.3	4.7	5.4
2013	4.6	4.5	4.5	4.3	4.5
2014	4.2	4.3	4.1	3.8	4.1
2015 2/	3.7	3.6	3.3	2.9	3.4
2016 2/	2.8	3.0	2.8	2.6	2.8
2017 2/	2.5	2.5	2.3	2.1	2.3
2018 2/	2.2	2.4	2.5	2.5	2.4
2019 2/	2.6	2.7	2.6	2.4	2.6
2020 3/	2.5	17.8	12.0	Year-to-Date	10.8

1/ Data rounded to nearest 0.1.

2/ 2015-2019 benchmarked by DLIR in March 2020 and reflect revised population controls and model r

3/ Q2 revised from previous *QSER*. 2020 data are preliminary.

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

Table G-14. CIVILIAN UNEMPLOYMENT RATE - HAWAII

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	**Annual Average**
Not Seasonally Adjusted Data. Percent 1/					
1990	4.1	4.8	3.7	2.8	3.9
1991	3.9	5.0	5.1	4.7	4.6
1992	6.4	8.6	8.9	6.7	7.7
1993	7.7	8.7	7.7	7.1	7.8
1994	8.7	10.0	11.0	10.0	9.9
1995	9.5	10.7	11.4	9.2	10.2
1996	9.5	10.4	10.4	8.9	9.8
1997	9.1	10.9	10.8	8.8	9.9
1998	8.9	10.3	10.0	8.4	9.4
1999	8.3	9.4	9.1	6.8	8.4
2000	5.1	5.3	5.2	4.4	5.0
2001	4.8	5.5	5.1	5.6	5.3
2002	5.1	5.3	4.8	4.1	4.8
2003	4.6	5.5	5.1	4.5	4.9
2004	4.3	4.4	4.1	3.6	4.1
2005	3.5	3.6	3.7	3.0	3.4
2006	3.1	3.6	3.2	2.6	3.1
2007	3.1	3.6	3.8	3.7	3.6
2008	4.2	5.4	6.6	7.8	6.0
2009	9.5	10.5	10.6	10.2	10.2
2010	9.6	10.0	10.0	9.5	9.8
2011	9.6	10.3	9.8	9.3	9.7
2012	9.1	8.8	8.0	7.1	8.2
2013	6.8	7.0	6.6	6.1	6.6
2014	5.9	5.9	5.4	4.7	5.5
2015 2/	4.8	4.6	4.3	3.7	4.3
2016 2/	3.6	3.9	3.7	3.1	3.6
2017 2/	3.1	3.1	2.7	2.4	2.8
2018 2/	2.6	2.9	3.3	3.3	3.0
2019 2/	3.5	3.6	3.5	3.2	3.4
2020 3/	3.2	19.6	13.0	Year-to-Date	11.9

1/ Data rounded to nearest 0.1.

2/ 2015-2019 benchmarked by DLIR in March 2020 and reflect revised population controls and model r

3/ Q2 revised from previous *QSER*. 2020 data are preliminary.

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

Table G-15. CIVILIAN UNEMPLOYMENT RATE - MAUI

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	**Annual Average**
Not Seasonally Adjusted Data. Percent 1/					
1990	4.5	5.0	4.8	4.1	4.6
1991	4.6	5.4	6.0	6.0	5.6
1992	7.1	8.4	8.9	8.2	8.2
1993	6.2	5.4	5.2	5.1	5.5
1994	6.2	6.3	6.4	6.0	6.2
1995	6.8	7.6	7.7	7.2	7.3
1996	7.4	7.2	7.1	7.1	7.2
1997	7.3	7.8	7.2	6.7	7.3
1998	6.9	6.8	6.7	6.1	6.6
1999	6.1	5.7	5.4	4.8	5.5
2000	4.3	4.1	3.9	3.4	3.9
2001	3.7	4.0	3.9	5.5	4.3
2002	4.7	4.1	3.9	3.6	4.1
2003	3.6	4.0	4.3	3.9	4.0
2004	3.5	3.4	3.1	2.9	3.2
2005	2.7	2.7	2.8	2.6	2.7
2006	2.6	2.9	2.5	2.1	2.5
2007	2.3	2.5	3.4	3.6	2.9
2008	3.5	4.1	5.2	6.8	4.9
2009	8.5	9.3	9.4	9.3	9.1
2010	8.7	8.5	8.4	8.2	8.5
2011	8.1	7.9	7.8	7.6	7.8
2012	7.1	6.7	6.1	5.5	6.4
2013	5.3	5.2	5.1	5.0	5.1
2014	4.9	4.7	4.3	3.9	4.5
2015 2/	4.1	3.8	3.5	3.2	3.6
2016 2/	3.1	3.2	3.1	2.8	3.0
2017 2/	2.9	2.8	2.4	2.1	2.6
2018 2/	2.3	2.4	2.5	2.6	2.4
2019 2/	2.7	2.7	2.6	2.5	2.6
2020 3	2.6	30.1	22.2	Year-to-Date	18.3

1/ Data rounded to nearest 0.1.

2/ 2015-2019 benchmarked by DLIR in March 2020 and reflect revised population controls and mode

3/ Q2 revised from previous *QSER*. 2020 data are preliminary.

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

Table G-16. CIVILIAN UNEMPLOYMENT RATE - KAUAI

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	**Annual Average**
Not Seasonally Adjusted Data. Percent 1/					
1990	4.4	4.5	3.9	2.9	3.9
1991	3.8	4.3	4.3	4.5	4.3
1992	6.1	7.4	6.7	19.1	9.9
1993	16.6	13.6	11.8	11.2	13.3
1994	14.1	13.7	12.8	11.8	13.1
1995	11.6	11.8	11.2	11.3	11.4
1996	12.5	12.3	11.3	12.0	12.0
1997	11.9	11.0	10.7	10.3	11.0
1998	10.3	9.9	9.5	8.9	9.7
1999	8.3	7.4	7.0	7.0	7.4
2000	5.2	4.7	4.9	4.6	4.8
2001	5.1	5.5	5.0	5.8	5.4
2002	5.4	4.8	4.2	3.9	4.6
2003	4.2	4.5	4.3	3.9	4.2
2004	3.8	3.5	3.4	3.4	3.5
2005	3.0	2.9	2.8	2.6	2.8
2006	2.7	2.8	2.7	2.0	2.6
2007	2.5	2.6	2.7	3.0	2.7
2008	3.3	4.0	4.8	7.4	4.8
2009	9.8	10.4	9.7	9.1	9.8
2010	8.7	8.7	8.6	8.4	8.6
2011	8.5	8.8	8.6	8.3	8.5
2012	8.0	7.8	6.8	6.0	7.2
2013	5.8	5.6	5.3	5.4	5.6
2014	5.2	4.9	4.6	4.3	4.7
2015 2/	4.3	4.1	3.8	3.5	3.9
2016 2/	3.3	3.3	3.0	2.8	3.1
2017 2/	2.8	2.7	2.1	2.0	2.4
2018 2/	2.1	2.5	2.9	2.7	2.5
2019 2/	2.8	2.7	2.6	2.6	2.7
2020 3/	2.7	28.0	19.3	Year-to-Date	16.7

1/ Data rounded to nearest 0.1.

2/ 2015-2019 benchmarked by DLIR in March 2020 and reflect revised population controls and model r

3/ Q2 revised from previous *QSER*. 2020 data are preliminary.

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

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

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	**Annual**
In Persons 1/					
1990	1,226,876	1,271,164	1,419,074	1,222,445	5,139,558
1991	1,066,026	1,201,355	1,385,132	1,178,514	4,831,027
1992	1,219,279	1,178,494	1,294,839	1,171,547	4,864,160
1993	1,112,987	1,075,498	1,197,344	1,086,406	4,472,235
1994	1,144,605	1,082,964	1,252,819	1,149,348	4,629,736
1995	1,146,651	1,134,936	1,337,862	1,198,103	4,817,552
1996	1,254,386	1,183,109	1,294,824	1,171,564	4,903,884
1997	1,216,121	1,168,177	1,311,920	1,179,393	4,875,612
1998	1,164,296	1,106,123	1,228,886	1,102,528	4,601,834
1999	1,124,163	1,079,928	1,247,136	1,108,914	4,560,142
2000	1,159,481	1,175,584	1,245,101	1,139,077	4,719,244
2001	1,164,637	1,130,135	1,127,257	835,507	4,257,536
2002	1,014,810	1,066,057	1,124,762	1,070,448	4,276,077
2003	1,007,335	922,689	1,104,740	1,055,719	4,090,483
2004	1,042,404	1,091,502	1,209,260	1,121,386	4,464,551
2005	1,146,033	1,134,157	1,293,252	1,158,400	4,731,843
2006	1,134,879	1,137,474	1,249,862	1,165,901	4,688,117
2007	1,122,303	1,156,616	1,277,903	1,137,928	4,694,750
2008	1,121,255	1,041,102	1,064,860	966,468	4,193,685
2009	958,708	985,239	1,101,897	979,044	4,024,888
2010	987,992	1,044,298	1,173,949	1,067,419	4,273,658
2011	1,063,304	1,045,709	1,176,989	1,115,622	4,401,624
2012	1,161,943	1,195,561	1,313,560	1,232,981	4,904,045
2013	1,216,477	1,246,384	1,359,753	1,221,662	5,044,276
2014	1,247,343	1,273,082	1,391,467	1,280,728	5,192,621
2015	1,265,062	1,333,464	1,416,826	1,324,561	5,339,912
2016	1,297,894	1,352,267	1,442,364	1,354,705	5,447,229
2017	1,337,410	1,414,761	1,525,919	1,405,254	5,683,344
2018	1,414,998	1,463,697	1,550,152	1,433,511	5,862,358
2019	1,467,031	1,558,205	1,632,644	1,496,368	6,154,248
2020 2/	1,223,012	22,133	44,349	Year-to-date	1,289,494
Percentage Change from the Same Period in Previous Year					
1991	-13.1	-5.5	-2.4	-3.6	-6.0
1992	14.4	-1.9	-6.5	-0.6	0.7
1993	-8.7	-8.7	-7.5	-7.3	-8.1
1994	2.8	0.7	4.6	5.8	3.5
1995	0.2	4.8	6.8	4.2	4.1
1996	9.4	4.2	-3.2	-2.2	1.8
1997	-3.1	-1.3	1.3	0.7	-0.6
1998	-4.3	-5.3	-6.3	-6.5	-5.6
1999	-3.4	-2.4	1.5	0.6	-0.9
2000	3.1	8.9	-0.2	2.7	3.5
2001	0.4	-3.9	-9.5	-26.7	-9.8
2002	-12.9	-5.7	-0.2	28.1	0.4
2003	-0.7	-13.4	-1.8	-1.4	-4.3
2004	3.5	18.3	9.5	6.2	9.1
2005	9.9	3.9	6.9	3.3	6.0
2006	-1.0	0.3	-3.4	0.6	-0.9
2007	-1.1	1.7	2.2	-2.4	0.1
2008	-0.1	-10.0	-16.7	-15.1	-10.7
2009	-14.5	-5.4	3.5	1.3	-4.0
2010	3.1	6.0	6.5	9.0	6.2
2011	7.6	0.1	0.3	4.5	3.0
2012	9.3	14.3	11.6	10.5	11.4
2013	4.7	4.3	3.5	-0.9	2.9
2014	2.5	2.1	2.3	4.8	2.9
2015	1.4	4.7	1.8	3.4	2.8
2016	2.6	1.4	1.8	2.3	2.0
2017	3.0	4.6	5.8	3.7	4.3
2018	5.8	3.5	1.6	2.0	3.1
2019	3.7	6.5	5.3	4.4	5.0
2020 2/	-16.6	-98.6	-97.3	Year-to-date	-72.3

1/ Staying overnight or longer.
2/ 2020 data are preliminary.
Source: Hawaii State Department of Business, Economic Development & Tourism and

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

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	**Annual**
In Persons 1/					
1990	293,335	276,140	283,323	274,576	1,127,373
1991	276,910	280,613	289,710	263,802	1,111,035
1992	263,254	273,421	274,340	328,963	1,139,978
1993	309,166	267,232	279,656	261,602	1,117,656
1994	291,324	265,379	254,870	267,963	1,079,535
1995	283,288	258,093	274,343	265,323	1,081,047
1996	271,344	284,351	310,013	297,991	1,163,700
1997	328,563	278,618	305,672	292,228	1,205,081
1998	356,689	318,447	337,189	328,443	1,340,767
1999	337,770	312,012	328,358	329,580	1,307,720
2000	322,308	322,255	326,054	297,347	1,267,965
2001	320,964	304,421	305,462	250,703	1,181,551
2002	311,883	295,320	318,204	317,906	1,243,313
2003	312,964	284,664	315,793	293,743	1,207,164
2004	308,940	305,890	335,106	331,222	1,281,156
2005	379,738	350,378	402,813	388,608	1,521,537
2006	398,089	375,082	436,028	405,209	1,614,408
2007	419,729	396,598	424,572	381,460	1,622,359
2008	395,220	316,926	312,509	296,623	1,321,276
2009	310,977	304,490	311,374	288,416	1,215,256
2010	314,828	312,071	336,566	317,766	1,281,232
2011	350,531	310,968	337,200	319,611	1,318,310
2012	376,900	335,441	358,983	361,958	1,433,282
2013	391,989	347,536	365,077	330,642	1,435,245
2014	380,554	342,114	368,636	363,381	1,454,684
2015	393,789	372,757	380,349	368,078	1,514,973
2016	394,360	373,167	392,351	390,064	1,549,943
2017	438,682	431,590	449,140	447,732	1,767,144
2018	491,630	433,278	387,811	393,499	1,706,218
2019	446,877	433,485	443,582	439,961	1,763,904
2020 2/	390,138	4,579	10,765	Year-to-date	405,481
Percentage Change from the Same Period in Previous Year					
1991	-5.6	1.6	2.3	-3.9	-1.4
1992	-4.9	-2.6	-5.3	24.7	2.6
1993	17.4	-2.3	1.9	-20.5	-2.0
1994	-5.8	-0.7	-8.9	2.4	-3.4
1995	-2.8	-2.7	7.6	-1.0	0.1
1996	-4.2	10.2	13.0	12.3	7.6
1997	21.1	-2.0	-1.4	-1.9	3.6
1998	8.6	14.3	10.3	12.4	11.3
1999	-5.3	-2.0	-2.6	0.3	-2.5
2000	-4.6	3.3	-0.7	-9.8	-3.0
2001	-0.4	-5.5	-6.3	-15.7	-6.8
2002	-2.8	-3.0	4.2	26.8	5.2
2003	0.3	-3.6	-0.8	-7.6	-2.9
2004	-1.3	7.5	6.1	12.8	6.1
2005	22.9	14.5	20.2	17.3	18.8
2006	4.8	7.1	8.2	4.3	6.1
2007	5.4	5.7	-2.6	-5.9	0.5
2008	-5.8	-20.1	-26.4	-22.2	-18.6
2009	-21.3	-3.9	-0.4	-2.8	-8.0
2010	1.2	2.5	8.1	10.2	5.4
2011	11.3	-0.4	0.2	0.6	2.9
2012	7.5	7.9	6.5	13.2	8.7
2013	4.0	3.6	1.7	-8.7	0.1
2014	-2.9	-1.6	1.0	9.9	1.4
2015	3.5	9.0	3.2	1.3	4.1
2016	0.1	0.1	3.2	6.0	2.3
2017	11.2	15.7	14.5	14.8	14.0
2018	12.1	0.4	-13.7	-12.1	-3.4
2019	-9.1	0.0	14.4	11.8	3.4
2020 2/	-12.7	-98.9	-97.6	Year-to-date	-69.4

1/ Staying overnight or longer.
2/ 2020 data are preliminary.
Source: Hawaii State Department of Business, Economic Development & Tourism and

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

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	**Annual**
In Persons 1/					
1990	568,423	576,996	603,080	536,363	2,284,862
1991	502,508	556,660	581,565	534,873	2,175,606
1992	551,575	566,363	583,953	621,720	2,323,612
1993	602,334	556,180	565,066	539,534	2,263,114
1994	603,003	572,927	595,842	568,744	2,340,516
1995	570,261	553,278	640,738	562,520	2,326,797
1996	603,887	558,629	623,412	532,682	2,318,610
1997	596,609	569,491	605,372	558,913	2,330,384
1998	589,397	584,236	578,994	551,487	2,304,115
1999	607,695	578,604	609,803	550,899	2,347,002
2000	573,560	592,301	596,346	542,458	2,304,665
2001	573,528	567,142	538,726	425,081	2,104,478
2002	518,092	523,401	584,187	513,747	2,139,427
2003	548,539	557,153	579,990	510,766	2,196,447
2004	539,699	549,131	597,130	521,866	2,207,826
2005	579,713	561,084	633,840	571,843	2,346,480
2006	606,120	625,043	659,684	607,386	2,498,234
2007	619,197	642,136	670,760	589,949	2,522,043
2008	606,443	534,940	515,505	472,155	2,129,043
2009	477,094	487,619	510,925	456,719	1,932,357
2010	513,923	517,213	561,336	530,162	2,122,634
2011	568,280	540,502	561,633	540,997	2,211,413
2012	602,553	576,361	592,077	582,338	2,353,329
2013	619,221	593,773	609,477	579,261	2,401,733
2014	619,109	608,013	612,492	617,320	2,456,935
2015	654,268	652,646	645,475	626,922	2,579,311
2016	665,369	673,304	685,277	654,139	2,678,089
2017	675,791	714,607	706,532	702,725	2,799,654
2018	722,150	770,238	762,125	709,051	2,963,564
2019	740,745	807,482	804,840	758,065	3,111,131
2020 2/	614,695	3,787	7,771	Year-to-date	626,253
Percentage Change from the Same Period in Previous Year					
1991	-11.6	-3.5	-3.6	-0.3	-4.8
1992	9.8	1.7	0.4	16.2	6.8
1993	9.2	-1.8	-3.2	-13.2	-2.6
1994	0.1	3.0	5.4	5.4	3.4
1995	-5.4	-3.4	7.5	-1.1	-0.6
1996	5.9	1.0	-2.7	-5.3	-0.4
1997	-1.2	1.9	-2.9	4.9	0.5
1998	-1.2	2.6	-4.4	-1.3	-1.1
1999	3.1	-1.0	5.3	-0.1	1.9
2000	-5.6	2.4	-2.2	-1.5	-1.8
2001	0.0	-4.2	-9.7	-21.6	-8.7
2002	-9.7	-7.7	8.4	20.9	1.7
2003	5.9	6.4	-0.7	-0.6	2.7
2004	-1.6	-1.4	3.0	2.2	0.5
2005	7.4	2.2	6.1	9.6	6.3
2006	4.6	11.4	4.1	6.2	6.5
2007	2.2	2.7	1.7	-2.9	1.0
2008	-2.1	-16.7	-23.1	-20.0	-15.6
2009	-21.3	-8.8	-0.9	-3.3	-9.2
2010	7.7	6.1	9.9	16.1	9.8
2011	10.6	4.5	0.1	2.0	4.2
2012	6.0	6.6	5.4	7.6	6.4
2013	2.8	3.0	2.9	-0.5	2.1
2014	0.0	2.4	0.5	6.6	2.3
2015	5.7	7.3	5.4	1.6	5.0
2016	1.7	3.2	6.2	4.3	3.8
2017	1.6	6.1	3.1	7.4	4.5
2018	6.9	7.8	7.9	0.9	5.9
2019	2.6	4.8	5.6	6.9	5.0
2020 2/	-17.0	-99.5	-99.0	Year-to-date	-73.4

1/ Staying overnight or longer.
2/ 2020 data are preliminary.
Source: Hawaii State Department of Business, Economic Development & Tourism and

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

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	**Annual**
In Persons 1/					
1990	296,484	320,922	326,416	285,028	1,228,850
1991	263,690	315,757	318,182	284,697	1,182,326
1992	256,311	294,152	268,810	62,457	881,730
1993	106,966	135,161	161,107	173,132	576,366
1994	212,202	214,238	218,686	215,593	860,719
1995	214,676	216,669	252,109	245,696	929,150
1996	228,376	245,460	252,994	248,606	975,436
1997	234,283	266,400	255,856	240,548	997,087
1998	249,319	279,908	283,817	265,355	1,078,400
1999	260,332	267,677	290,773	270,507	1,089,289
2000	254,056	280,255	288,750	251,761	1,074,821
2001	253,479	270,327	270,719	214,173	1,008,698
2002	234,080	253,550	270,899	247,370	1,005,899
2003	231,737	247,191	265,723	231,216	975,867
2004	242,298	255,111	280,932	242,580	1,020,921
2005	252,787	263,604	302,257	271,500	1,090,147
2006	277,245	287,928	331,425	307,534	1,204,132
2007	304,165	334,474	352,287	308,119	1,299,045
2008	283,579	266,828	261,900	218,340	1,030,647
2009	215,403	245,621	253,240	213,848	928,112
2010	220,688	244,009	260,946	229,469	955,112
2011	234,662	258,347	273,058	245,432	1,011,500
2012	258,448	274,044	287,690	264,499	1,084,681
2013	275,353	283,571	294,929	260,501	1,114,354
2014	268,465	286,355	295,680	269,473	1,119,973
2015	287,422	302,230	305,629	278,471	1,173,752
2016	281,181	302,640	314,048	289,401	1,187,269
2017	299,725	333,201	337,770	314,747	1,285,443
2018	345,735	361,736	354,190	327,640	1,389,300
2019	333,462	353,076	352,688	330,802	1,370,029
2020 2/	281,681	1,932	3,850	Year-to-date	287,462
Percentage Change from the Same Period in Previous Year					
1991	-11.1	-1.6	-2.5	-0.1	-3.8
1992	-2.8	-6.8	-15.5	-78.1	-25.4
1993	-58.3	-54.1	-40.1	177.2	-34.6
1994	98.4	58.5	35.7	24.5	49.3
1995	1.2	1.1	15.3	14.0	8.0
1996	6.4	13.3	0.4	1.2	5.0
1997	2.6	8.5	1.1	-3.2	2.2
1998	6.4	5.1	10.9	10.3	8.2
1999	4.4	-4.4	2.5	1.9	1.0
2000	-2.4	4.7	-0.7	-6.9	-1.3
2001	-0.2	-3.5	-6.2	-14.9	-6.2
2002	-7.7	-6.2	0.1	15.5	-0.3
2003	-1.0	-2.5	-1.9	-6.5	-3.0
2004	4.6	3.2	5.7	4.9	4.6
2005	4.3	3.3	7.6	11.9	6.8
2006	9.7	9.2	9.7	13.3	10.5
2007	9.7	16.2	6.3	0.2	7.9
2008	-6.8	-20.2	-25.7	-29.1	-20.7
2009	-24.0	-7.9	-3.3	-2.1	-9.9
2010	2.5	-0.7	3.0	7.3	2.9
2011	6.3	5.9	4.6	7.0	5.9
2012	10.1	6.1	5.4	7.8	7.2
2013	6.5	3.5	2.5	-1.5	2.7
2014	-2.5	1.0	0.3	3.4	0.5
2015	7.1	5.5	3.4	3.3	4.8
2016	-2.2	0.1	2.8	3.9	1.2
2017	6.6	10.1	7.6	8.8	8.3
2018	15.4	8.6	4.9	4.1	8.1
2019	-3.5	-2.4	-0.4	1.0	-1.4
2020 2/	-15.5	-99.5	-98.9	Year-to-date	-72.3

1/ Staying overnight or longer.
2/ 2020 data are preliminary.
Source: Hawaii State Department of Business, Economic Development & Tourism and <http://www.hawaii.gov/dbedt/info/visitor-stats/> and Hawaii Tourism Authority, Tourism Research.

Table G-21. HOTEL OCCUPANCY RATE - HONOLULU

Year	*First Quarter*	*Second Quarter*	*Third Quarter*	*Fourth Quarter*	***Annual Average***
In Percent					
1989	93.0	80.7	89.4	82.7	86.5
1990	91.1	82.8	88.8	81.7	86.1
1991	75.1	76.2	87.6	81.5	80.1
1992	83.9	75.3	82.6	78.3	80.0
1993	78.8	72.2	79.3	76.8	76.8
1994	85.4	75.9	83.0	79.3	80.9
1995	84.0	73.8	84.5	79.6	80.5
1996	86.8	77.3	83.7	75.5	80.8
1997	83.0	73.8	78.7	74.0	77.4
1998	78.3	68.5	74.1	68.6	72.4
1999	75.9	66.8	74.4	70.0	71.8
2000	78.0	73.9	78.2	74.6	76.2
2001	80.9	69.2	69.5	55.5	68.8
2002	71.7	67.9	72.0	70.4	70.5
2003	75.3	64.5	77.9	75.1	73.2
2004	81.4	75.8	84.4	77.6	79.8
2005	86.3	81.0	90.6	83.3	85.3
2006	86.4	80.6	86.3	78.1	82.5
2007	78.2	74.1	81.2	74.0	76.8
2008	79.5	73.0	77.2	70.0	75.0
2009	71.5	68.7	76.3	72.9	72.3
2010	76.0	74.0	84.9	77.7	78.2
2011	82.0	76.1	84.7	80.1	80.7
2012	86.1	81.7	88.7	82.0	84.7
2013	86.3	82.0	87.0	79.7	83.8
2014	85.6	81.6	88.3	81.8	84.4
2015	83.5	84.3	87.4	85.8	85.1
2016	83.7	82.9	86.7	82.3	83.9
2017	82.3	82.8	86.4	81.9	83.5
2018	84.3	84.6	85.5	80.5	83.7
2019 1/	82.8	83.6	87.3	82.5	84.2
2020 1/	71.9	12.2	23.8	Year-to-Date	43.9

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

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

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

Table G-22. HOTEL OCCUPANCY RATE - HAWAII

Year	*First Quarter*	*Second Quarter*	*Third Quarter*	*Fourth Quarter*	***Annual Average***
In Percent					
1989	65.8	57.4	60.8	59.4	60.9
1990	72.3	56.5	58.0	58.8	61.4
1991	57.8	57.5	62.1	52.0	57.4
1992	58.0	51.3	57.2	68.9	58.8
1993	63.0	51.8	60.0	58.7	58.4
1994	66.1	59.5	65.9	62.5	63.5
1995	69.6	55.0	59.9	64.2	62.2
1996	73.9	62.6	65.8	64.7	66.7
1997	77.2	65.2	67.7	64.1	68.6
1998	80.1	65.8	70.7	63.6	70.1
1999	74.4	58.7	69.0	61.0	65.8
2000	76.5	67.9	72.8	67.2	71.1
2001	78.8	60.5	63.9	51.6	63.7
2002	69.4	59.7	67.0	62.2	64.6
2003	69.4	59.8	69.5	61.4	65.1
2004	75.1	67.6	73.8	63.2	69.9
2005	78.7	67.8	74.0	68.3	72.2
2006	79.0	68.7	72.9	64.0	71.0
2007	74.5	63.9	69.1	62.7	67.5
2008	73.4	58.0	57.3	51.0	59.8
2009	58.1	51.4	54.1	50.4	53.5
2010	57.4	53.2	58.2	55.9	56.2
2011	64.0	52.2	59.2	57.4	58.2
2012	67.1	58.2	61.3	61.3	62.0
2013	73.1	55.3	58.6	57.1	61.0
2014	70.7	56.0	59.5	58.8	60.3
2015	71.0	63.7	65.3	62.4	65.7
2016	74.1	64.6	68.0	67.9	68.7
2017	80.2	71.5	73.2	74.4	74.8
2018	85.8	74.3	68.8	69.0	74.6
2019 1/	79.0	74.9	77.7	76.4	77.1
2020 1/	70.4	19.5	23.9	Year-to-Date	44.3

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

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

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

Table G-23. HOTEL OCCUPANCY RATE - MAUI

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	**Annual Average**
In Percent					
1989	77.0	72.6	73.3	69.2	73.0
1990	77.9	65.5	68.1	65.7	69.3
1991	75.7	67.7	71.7	64.7	70.0
1992	59.3	66.3	70.7	58.5	63.7
1993	60.8	60.3	66.0	68.9	64.0
1994	72.0	65.4	67.4	65.9	67.7
1995	77.3	71.2	77.3	71.2	74.3
1996	80.2	68.1	72.0	65.9	71.6
1997	79.1	68.5	74.3	67.6	72.4
1998	78.7	73.5	72.5	70.5	73.8
1999	84.3	74.1	78.9	71.7	77.3
2000	84.2	80.3	81.9	75.0	80.3
2001	83.6	75.4	73.0	61.3	73.3
2002	74.3	71.0	74.0	64.0	70.8
2003	76.9	73.7	78.4	69.5	74.6
2004	81.3	78.9	79.6	71.7	77.9
2005	83.6	79.9	80.8	73.6	79.5
2006	83.6	80.7	81.8	73.7	79.9
2007	79.2	72.2	77.6	73.1	75.5
2008	80.9	66.5	64.5	60.0	67.9
2009	64.0	56.3	59.4	55.8	58.9
2010	72.1	64.3	70.1	65.9	68.1
2011	78.1	65.8	69.8	67.3	70.2
2012	80.1	68.0	71.4	70.4	72.4
2013	80.0	70.0	70.1	66.9	71.7
2014	78.0	68.9	71.1	71.3	72.5
2015	78.6	73.8	72.6	72.2	74.3
2016	79.1	75.3	74.8	74.4	75.9
2017	79.3	77.3	76.6	75.0	77.0
2018	80.1	77.2	74.7	71.9	75.9
2019 1/	78.1	78.6	77.9	76.0	77.7
2020 1/	68.2	10.3	12.4	Year-to-Date	39.9

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

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

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

Table G-24. HOTEL OCCUPANCY RATE - KAUAI

Year	*First Quarter*	*Second Quarter*	*Third Quarter*	*Fourth Quarter*	***Annual Average***
In Percent					
1989	75.2	67.3	74.3	67.5	71.1
1990	68.5	64.9	72.8	62.9	67.3
1991	53.0	60.4	65.1	67.9	61.6
1992	54.9	65.0	64.7	93.8	69.6
1993	80.5	73.2	70.9	65.7	72.6
1994	76.9	77.2	80.8	69.1	76.0
1995	62.9	63.2	68.2	62.4	64.2
1996	67.3	67.5	69.5	57.1	65.3
1997	64.3	68.6	73.2	61.8	67.0
1998	64.6	65.7	70.0	63.0	65.8
1999	69.9	69.3	76.4	65.9	70.4
2000	75.0	76.8	78.1	68.7	74.6
2001	73.3	69.9	75.9	63.4	70.6
2002	67.6	70.8	79.4	65.1	70.6
2003	70.0	73.8	83.6	71.3	75.1
2004	78.8	78.6	83.6	71.5	78.3
2005	78.5	76.6	81.1	68.7	76.1
2006	75.5	74.3	79.7	69.6	75.2
2007	73.3	73.8	82.8	73.4	75.8
2008	77.1	70.3	72.2	61.0	70.3
2009	61.6	59.1	59.7	51.7	57.0
2010	58.0	61.8	62.9	54.3	59.3
2011	62.1	60.3	71.3	61.8	63.9
2012	68.8	70.2	72.5	63.6	68.8
2013	73.8	66.8	71.8	64.3	68.9
2014	74.4	69.2	70.2	65.9	70.1
2015	76.4	70.0	70.9	67.2	71.1
2016	77.1	69.1	74.8	70.0	72.7
2017	79.1	74.9	75.1	73.8	75.7
2018	83.5	79.3	75.2	72.3	77.5
2019 1/	73.8	70.7	73.3	71.5	76.3
2020 1/	69.4	13.8	17.8	Year-to-Date	37.8

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

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

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

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

Year	*First Quarter*	*Second Quarter*	*Third Quarter*	*Fourth Quarter*	***Annual***
Number of Units 1/					
1993	554	992	1,545	908	3,999
1994	613	1,385	1,261	1,380	4,639
1995	1,581	923	1,580	482	4,566
1996	532	260	885	347	2,024
1997	195	980	532	337	2,044
1998	423	334	497	361	1,615
1999	468	479	334	415	1,696
2000	352	469	382	527	1,730
2001	466	595	497	353	1,911
2002	296	553	807	867	2,523
2003	682	785	576	630	2,673
2004	1,509	940	620	742	3,811
2005	520	954	965	1,382	3,821
2006	453	473	440	569	1,935
2007	556	1,260	586	317	2,719
2008	194	1,087	366	296	1,943
2009	176	257	282	316	1,031
2010	644	537	397	248	1,826
2011	263	310	737	421	1,731
2012	432	593	243	711	1,979
2013	772	363	982	357	2,474
2014	141	372	275	786	1,574
2015	918	736	860	1,178	3,692
2016	286	704	475	1,113	2,578
2017	475	576	905	488	2,444
2018	660	1,000	586	310	2,556
2019	534	428	334	640	1,936
2020	159	315	417	Year-to-Date	891
Percentage Change from the Same Period in Previous Year 1/					
1994	10.6	39.6	-18.4	52.0	16.0
1995	157.9	-33.4	25.3	-65.1	-1.6
1996	-66.4	-71.8	-44.0	-28.0	-55.7
1997	-63.3	276.9	-39.9	-2.9	1.0
1998	116.9	-65.9	-6.6	7.1	-21.0
1999	10.6	43.4	-32.8	15.0	5.0
2000	-24.8	-2.1	14.4	27.0	2.0
2001	32.4	26.9	30.1	-33.0	10.5
2002	-36.5	-7.1	62.4	145.6	32.0
2003	130.4	42.0	-28.6	-27.3	5.9
2004	121.3	19.7	7.6	17.8	42.6
2005	-65.5	1.5	55.6	86.3	0.3
2006	-12.9	-50.4	-54.4	-58.8	-49.4
2007	22.7	166.4	33.2	-44.3	40.5
2008	-65.1	-13.7	-37.5	-6.6	-28.5
2009	-9.3	-76.4	-23.0	6.8	-46.9
2010	265.9	108.9	40.8	-21.5	77.1
2011	-59.2	-42.3	85.6	69.8	-5.2
2012	64.3	91.3	-67.0	68.9	14.3
2013	78.7	-38.8	304.1	-49.8	25.0
2014	-81.7	2.5	-72.0	120.2	-36.4
2015	551.1	97.8	212.7	49.9	134.6
2016	-68.8	-4.3	-44.8	-5.5	-30.2
2017	66.1	-18.2	90.5	-56.2	-5.2
2018	38.9	73.6	-35.2	-36.5	4.6
2019	-19.1	-57.2	-43.0	106.5	-24.3
2020	-70.2	-26.4	24.9	Year-to-Date	-31.3

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

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

Year	*First Quarter*	*Second Quarter*	*Third Quarter*	*Fourth Quarter*	***Annual***
Number of Units 1/					
1993	452	350	370	543	1,715
1994	198	227	283	242	950
1995	280	266	218	235	999
1996	168	202	172	227	769
1997	216	192	152	158	718
1998	217	222	185	222	846
1999	211	258	236	524	1,229
2000	459	366	365	417	1,607
2001	304	308	497	279	1,388
2002	282	444	455	352	1,533
2003	604	713	507	549	2,373
2004	774	588	482	884	2,728
2005	583	771	1,156	959	3,469
2006	880	671	674	529	2,754
2007	520	775	395	477	2,167
2008	312	381	420	438	1,551
2009	242	173	188	181	784
2010	603	170	174	155	1,102
2011	143	187	217	142	689
2012	110	162	177	86	535
2013	82	133	177	182	574
2014	145	231	193	146	715
2015	183	247	201	217	848
2016	149	293	175	224	841
2017	184	208	212	192	796
2018	310	209	304	231	1,054
2019	214	175	196	202	787
2020	207	140	200	Year-to-Date	547
Percentage Change from the Same Period in Previous Year 1/					
1994	-56.2	-35.1	-23.5	-55.4	-44.6
1995	41.4	17.2	-23.0	-2.9	5.2
1996	-40.0	-24.1	-21.1	-3.4	-23.0
1997	28.6	-5.0	-11.6	-30.4	-6.6
1998	0.5	15.6	21.7	40.5	17.8
1999	-2.8	16.2	27.6	136.0	45.3
2000	117.5	41.9	54.7	-20.4	30.8
2001	-33.8	-15.8	36.2	-33.1	-13.6
2002	-7.2	44.2	-8.5	26.2	10.4
2003	114.2	60.6	11.4	56.0	54.8
2004	28.1	-17.5	-4.9	61.0	15.0
2005	-24.7	31.1	139.8	8.5	27.2
2006	50.9	-13.0	-41.7	-44.8	-20.6
2007	-40.9	15.5	-41.4	-9.8	-21.3
2008	-40.0	-50.8	6.3	-8.2	-28.4
2009	-22.4	-54.6	-55.2	-58.7	-49.5
2010	149.2	-1.7	-7.4	-14.4	40.6
2011	-76.3	10.0	24.7	-8.4	-37.5
2012	-23.1	-13.4	-18.4	-39.4	-22.4
2013	-25.5	-17.9	0.0	111.6	7.3
2014	76.8	73.7	9.0	-19.8	24.6
2015	26.2	6.9	4.1	48.6	18.6
2016	-18.6	18.6	-12.9	3.2	-0.8
2017	23.5	-29.0	21.1	-14.3	-5.4
2018	68.5	0.5	43.4	20.3	32.4
2019	-31.0	-16.3	-35.5	-12.6	-25.3
2020	-3.3	-20.0	2.0	Year-to-Date	-6.5

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

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

Year	*First Quarter*	*Second Quarter*	*Third Quarter*	*Fourth Quarter*	***Annual***
Number of Units 1/					
1993	144	404	173	151	872
1994	319	246	411	145	1,121
1995	134	161	182	110	587
1996	192	163	189	209	753
1997	152	161	204	206	723
1998	121	152	160	208	641
1999	156	225	356	170	907
2000	219	254	421	217	1,111
2001	210	292	288	265	1,055
2002	170	454	304	258	1,186
2003	324	341	245	192	1,102
2004	272	442	450	390	1,554
2005	327	192	411	574	1,504
2006	524	342	258	307	1,431
2007	360	483	232	239	1,314
2008	253	359	103	61	776
2009	160	61	79	95	395
2010	64	69	94	53	280
2011	46	65	50	57	218
2012	64	217	111	114	506
2013	63	91	77	124	355
2014	83	99	73	88	343
2015	276	85	83	65	509
2016	150	127	125	75	477
2017	239	333	128	163	863
2018	117	115	429	177	838
2019	129	215	214	99	657
2020	65	171	93	Year-to-Date	329
Percentage Change from the Same Period in Previous Year 1/					
1994	121.5	-39.1	137.6	-4.0	28.6
1995	-58.0	-34.6	-55.7	-24.1	-47.6
1996	43.3	1.2	3.8	90.0	28.3
1997	-20.8	-1.2	7.9	-1.4	-4.0
1998	-20.4	-5.6	-21.6	1.0	-11.3
1999	28.9	48.0	122.5	-18.3	41.5
2000	40.4	12.9	18.3	27.6	22.5
2001	-4.1	15.0	-31.6	22.1	-5.0
2002	-19.0	55.5	5.6	-2.6	12.4
2003	90.6	-24.9	-19.4	-25.6	-7.1
2004	-16.0	29.6	83.7	103.1	41.0
2005	20.2	-56.6	-8.7	47.2	-3.2
2006	60.2	78.1	-37.2	-46.5	-4.9
2007	-31.3	41.2	-10.1	-22.1	-8.2
2008	-29.7	-25.7	-55.6	-74.5	-40.9
2009	-36.8	-83.0	-23.3	55.7	-49.1
2010	-60.0	13.1	19.0	-44.2	-29.1
2011	-28.1	-5.8	-46.8	7.5	-22.1
2012	39.1	233.8	122.0	100.0	132.1
2013	-1.6	-58.1	-30.6	8.8	-29.8
2014	31.7	8.8	-5.2	-29.0	-3.4
2015	232.5	-14.1	13.7	-26.1	48.4
2016	-45.7	49.4	50.6	15.4	-6.3
2017	59.3	162.2	2.4	117.3	80.9
2018	-51.0	-65.5	235.2	8.6	-2.9
2019	10.3	87.0	-50.1	-44.1	-21.6
2020	-49.6	-20.5	-56.5	Year-to-Date	-41.0

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

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

Year	*First Quarter*	*Second Quarter*	*Third Quarter*	*Fourth Quarter*	***Annual***
Number of Units 1/					
1993	269	119	96	102	586
1994	258	79	101	233	671
1995	91	78	74	143	386
1996	84	113	77	69	343
1997	67	79	48	131	325
1998	47	80	61	66	254
1999	67	69	110	45	291
2000	78	58	97	72	305
2001	101	79	92	193	465
2002	129	167	113	195	604
2003	116	153	136	154	559
2004	132	118	115	113	478
2005	415	256	146	95	912
2006	84	213	392	174	863
2007	186	122	198	162	668
2008	160	190	112	36	498
2009	304	65	101	42	512
2010	43	37	49	43	172
2011	33	38	32	29	132
2012	30	36	133	36	235
2013	32	44	46	36	158
2014	31	51	49	56	187
2015	33	63	61	42	199
2016	42	68	64	55	229
2017	51	71	99	91	312
2018	73	183	68	40	364
2019	49	40	44	47	180
2020	67	50	32	Year-to-Date	149
Percentage Change from the Same Period in Previous Year 1/					
1994	-4.1	-33.6	5.2	128.4	14.5
1995	-64.7	-1.3	-26.7	-38.6	-42.5
1996	-7.7	44.9	4.1	-51.7	-11.1
1997	-20.2	-30.1	-37.7	89.9	-5.2
1998	-29.9	1.3	27.1	-49.6	-21.8
1999	42.6	-13.8	80.3	-31.8	14.6
2000	16.4	-15.9	-11.8	60.0	4.8
2001	29.5	36.2	-5.2	168.1	52.5
2002	27.7	111.4	22.8	1.0	29.9
2003	-10.1	-8.4	20.4	-21.0	-7.5
2004	13.8	-22.9	-15.4	-26.6	-14.5
2005	214.4	116.9	27.0	-15.9	90.8
2006	-79.8	-16.8	168.5	83.2	-5.4
2007	121.4	-42.7	-49.5	-6.9	-22.6
2008	-14.0	55.7	-43.4	-77.8	-25.4
2009	90.0	-65.8	-9.8	16.7	2.8
2010	-85.9	-43.1	-51.5	2.4	-66.4
2011	-23.3	2.7	-34.7	-32.6	-23.3
2012	-9.1	-5.3	315.6	24.1	78.0
2013	6.7	22.2	-65.4	0.0	-32.8
2014	-3.1	15.9	6.5	55.6	18.4
2015	6.5	23.5	24.5	-25.0	6.4
2016	27.3	7.9	4.9	31.0	15.1
2017	21.4	4.4	54.7	65.5	36.2
2018	43.1	157.7	-31.3	-56.0	16.7
2019	-32.9	-78.1	-35.3	17.5	-50.5
2020	36.7	25.0	-27.3	Year-to-Date	12.0

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

Table G-29. HONOLULU HOME SALES BY TYPE OF HOME

Year	Number of homes			Average price of homes (in dollars)		
	Total	Sing. family	Condo	Total	Sing. family	Condo
2008	11,702	3,677	8,025	511,068	789,523	383,481
2009	9,397	3,525	5,872	490,308	684,609	373,668
2010	11,275	4,446	6,829	539,338	732,642	413,489
2011	10,344	3,937	6,407	498,314	687,742	381,914
2012	9,883	3,983	5,900	528,367	752,075	377,346
2013	11,373	4,424	6,949	548,300	791,123	393,709
2014	11,568	4,468	7,100	600,459	822,240	460,893
2015	13,214	4,579	8,635	584,178	863,969	435,810
2016	13,502	4,499	9,003	676,253	884,427	572,223
2017	13,753	4,417	9,336	723,886	945,206	619,177
2018	12,993	4,343	8,650	754,537	1,032,415	615,019
2019	12,553	4,458	8,095	695,365	967,045	545,748
2008 1 Qtr.	2,979	839	2,140	507,061	816,625	385,694
2 Qtr.	3,749	988	2,761	490,114	762,666	392,583
3 Qtr.	2,920	962	1,958	542,882	853,766	390,139
4 Qtr.	2,054	888	1,166	509,895	724,203	346,684
2009 1 Qtr.	1,844	643	1,201	444,359	678,241	319,141
2 Qtr.	2,116	848	1,268	464,342	683,862	317,534
3 Qtr.	2,500	944	1,556	482,309	697,668	351,654
4 Qtr.	2,937	1,090	1,847	544,675	677,636	466,208
2010 1 Qtr.	2,232	917	1,315	491,398	716,275	334,582
2 Qtr.	3,264	1,246	2,018	533,483	702,286	429,256
3 Qtr.	2,846	1,125	1,721	570,855	808,691	415,383
4 Qtr.	2,933	1,158	1,775	551,756	704,382	452,183
2011 1 Qtr.	2,310	897	1,413	512,771	680,202	406,483
2 Qtr.	2,641	1,027	1,614	495,546	685,085	374,941
3 Qtr.	2,610	1,051	1,559	484,672	698,412	340,578
4 Qtr.	2,783	962	1,821	501,736	685,950	404,420
2012 1 Qtr.	1,944	783	1,161	506,996	734,945	353,263
2 Qtr.	2,351	913	1,438	506,636	738,354	359,517
3 Qtr.	2,572	1,024	1,548	523,113	734,301	383,413
4 Qtr.	3,016	1,263	1,753	563,563	787,024	402,564
2013 1 Qtr.	2,459	857	1,602	521,144	749,259	399,113
2 Qtr.	2,995	1,152	1,843	537,159	767,436	393,221
3 Qtr.	3,167	1,329	1,838	560,626	777,194	404,033
4 Qtr.	2,752	1,086	1,666	570,503	866,333	377,663
2014 1 Qtr.	2,400	931	1,469	588,118	828,494	435,776
2 Qtr.	2,901	1,052	1,849	583,249	847,149	433,101
3 Qtr.	2,978	1,225	1,753	565,973	788,683	410,342
4 Qtr.	3,289	1,260	2,029	655,870	829,448	548,079
2015 1 Qtr.	3,010	994	2,016	604,635	842,379	487,413
2 Qtr.	3,767	1,199	2,568	552,218	864,091	406,605
3 Qtr.	3,528	1,315	2,213	586,983	857,826	426,044
4 Qtr.	2,909	1,071	1,838	600,997	891,410	431,773
2016 1 Qtr.	2,860	1,001	1,859	675,585	832,852	590,903
2 Qtr.	3,633	1,156	2,477	640,329	901,141	518,610
3 Qtr.	3,361	1,228	2,133	632,098	890,315	483,439
4 Qtr.	3,648	1,114	2,534	753,233	906,934	685,662
2017 1 Qtr.	3,216	961	2,255	654,828	925,755	539,368
2 Qtr.	3,339	1,192	2,147	629,206	879,656	490,157
3 Qtr.	3,482	1,183	2,299	721,897	896,882	631,855
4 Qtr.	3,716	1,081	2,635	870,593	1,087,663	781,540
2018 1 Qtr.	2,676	935	1,741	775,774	1,116,043	593,033
2 Qtr.	3,111	1,142	1,969	776,466	1,081,121	599,769
3 Qtr.	3,479	1,151	2,328	760,251	982,163	650,534
4 Qtr.	3,727	1,115	2,612	715,649	964,279	609,515
2019 1 Qtr.	2,678	892	1,786	707,304	976,538	572,838
2 Qtr.	3,635	1,209	2,426	648,957	889,002	529,330
3 Qtr.	3,279	1,250	2,029	721,873	1,011,915	543,187
4 Qtr.	2,961	1,107	1,854	712,184	993,965	543,936
2020 1 Qtr.	2,539	956	1,583	689,074	933,259	541,607
2 Qtr.	2,206	948	1,258	757,511	1,003,704	571,986
3 Qtr.	3,079	1,256	1,823	728,595	1,000,029	541,583

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

Table G-29. HONOLULU HOME SALES BY TYPE OF HOME -- Con.

Year	Number of homes			Average price of homes (in dollars)		
	Total	*Sing. family*	*Condo*	*Total*	*Sing. family*	*Condo*
	Percentage change from previous period					
2009	-19.7	-4.1	-26.8	-4.1	-13.3	-2.6
2010	20.0	26.1	16.3	10.0	7.0	10.7
2011	-8.3	-11.4	-6.2	-7.6	-6.1	-7.6
2012	-4.5	1.2	-7.9	6.0	9.4	-1.2
2013	15.1	11.1	17.8	3.8	5.2	4.3
2014	1.7	1.0	2.2	9.5	3.9	17.1
2015	14.2	2.5	21.6	-2.7	5.1	-5.4
2016	2.2	-1.7	4.3	15.8	2.4	31.3
2017	1.9	-1.8	3.7	7.0	6.9	8.2
2018	-5.5	-1.7	-7.3	4.2	9.2	-0.7
2019	-3.4	2.6	-6.4	-7.8	-6.3	-11.3
2009 1 Qtr.	-38.1	-23.4	-43.9	-12.4	-16.9	-17.3
2 Qtr.	-43.6	-14.2	-54.1	-5.3	-10.3	-19.1
3 Qtr.	-14.4	-1.9	-20.5	-11.2	-18.3	-9.9
4 Qtr.	43.0	22.7	58.4	6.8	-6.4	34.5
2010 1 Qtr.	21.0	42.6	9.5	10.6	5.6	4.8
2 Qtr.	54.3	46.9	59.1	14.9	2.7	35.2
3 Qtr.	13.8	19.2	10.6	18.4	15.9	18.1
4 Qtr.	-0.1	6.2	-3.9	1.3	3.9	-3.0
2011 1 Qtr.	3.5	-2.2	7.5	4.3	-5.0	21.5
2 Qtr.	-19.1	-17.6	-20.0	-7.1	-2.4	-12.7
3 Qtr.	-8.3	-6.6	-9.4	-15.1	-13.6	-18.0
4 Qtr.	-5.1	-16.9	2.6	-9.1	-2.6	-10.6
2012 1 Qtr.	-15.8	-12.7	-17.8	-1.1	8.0	-13.1
2 Qtr.	-11.0	-11.1	-10.9	2.2	7.8	-4.1
3 Qtr.	-1.5	-2.6	-0.7	7.9	5.1	12.6
4 Qtr.	8.4	31.3	-3.7	12.3	14.7	-0.5
2013 1 Qtr.	26.5	9.5	38.0	2.8	1.9	13.0
2 Qtr.	27.4	26.2	28.2	6.0	3.9	9.4
3 Qtr.	23.1	29.8	18.7	7.2	5.8	5.4
4 Qtr.	-8.8	-14.0	-5.0	1.2	10.1	-6.2
2014 1 Qtr.	-2.4	8.6	-8.3	12.9	10.6	9.2
2 Qtr.	-3.1	-8.7	0.3	8.6	10.4	10.1
3 Qtr.	-6.0	-7.8	-4.6	1.0	1.5	1.6
4 Qtr.	19.5	16.0	21.8	15.0	-4.3	45.1
2015 1 Qtr.	25.4	6.8	37.2	2.8	1.7	11.8
2 Qtr.	29.9	14.0	38.9	-5.3	2.0	-6.1
3 Qtr.	18.5	7.3	26.2	3.7	8.8	3.8
4 Qtr.	-11.6	-15.0	-9.4	-8.4	7.5	-21.2
2016 1 Qtr.	-5.0	0.7	-7.8	11.7	-1.1	21.2
2 Qtr.	-3.6	-3.6	-3.5	16.0	4.3	27.5
3 Qtr.	-4.7	-6.6	-3.6	7.7	3.8	13.5
4 Qtr.	25.4	4.0	37.9	25.3	1.7	58.8
2017 1 Qtr.	12.4	-4.0	21.3	-3.1	11.2	-8.7
2 Qtr.	-8.1	3.1	-13.3	-1.7	-2.4	-5.5
3 Qtr.	3.6	-3.7	7.8	14.2	0.7	30.7
4 Qtr.	1.9	-3.0	4.0	15.6	19.9	14.0
2018 1 Qtr.	-16.8	-2.7	-22.8	18.5	20.6	9.9
2 Qtr.	-6.8	-4.2	-8.3	23.4	22.9	22.4
3 Qtr.	-0.1	-2.7	1.3	5.3	9.5	3.0
4 Qtr.	0.3	3.1	-0.9	-17.8	-11.3	-22.0
2019 1 Qtr.	0.1	-4.6	2.6	-8.8	-12.5	-3.4
2 Qtr.	16.8	5.9	23.2	-16.4	-17.8	-11.7
3 Qtr.	-5.7	8.6	-12.8	-5.0	3.0	-16.5
4 Qtr.	-20.6	-0.7	-29.0	-0.5	3.1	-10.8
2020 1 Qtr.	-5.2	7.2	-11.4	-2.6	-4.4	-5.5
2 Qtr.	-39.3	-21.6	-48.1	16.7	12.9	8.1
3 Qtr.	-6.1	0.5	-10.2	0.9	-1.2	-0.3

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

Table G-30. HOME SALES BY TYPE OF HOME - HAWAII

Year	Number of homes			Average price of homes (in dollars)		
	Total	Sing. family	Condo	Total	Sing. family	Condo
2008	3,960	3,412	548	361,065	330,401	551,993
2009	3,734	3,210	524	307,038	285,005	442,016
2010	5,273	4,383	890	309,031	296,382	371,328
2011	2,926	2,022	904	347,782	348,055	347,170
2012	2,776	1,994	782	347,097	320,978	413,696
2013	2,825	1,977	848	468,184	488,325	421,228
2014	2,725	1,926	799	491,247	523,040	414,610
2015	2,822	2,016	806	530,062	541,472	501,523
2016	2,968	2,149	819	528,106	555,114	457,241
2017	3,253	2,288	965	560,023	565,379	547,325
2018	3,412	2,329	1,083	537,563	515,642	584,705
2019	3,889	2,798	1,091	514,905	511,617	523,336
2008 1 Qtr.	1,022	877	145	402,622	364,669	632,173
2 Qtr.	1,108	942	166	401,995	365,054	611,625
3 Qtr.	974	838	136	275,177	246,603	451,247
4 Qtr.	856	755	101	356,200	340,370	474,535
2009 1 Qtr.	748	654	94	278,049	252,972	452,521
2 Qtr.	914	791	123	305,679	286,127	431,416
3 Qtr.	998	854	144	298,867	281,153	403,922
4 Qtr.	1,074	911	163	335,978	310,636	477,612
2010 1 Qtr.	1,068	884	184	360,634	351,183	406,043
2 Qtr.	1,464	1,201	263	325,392	320,636	347,111
3 Qtr.	1,421	1,170	251	307,573	296,633	358,563
4 Qtr.	1,320	1,128	192	250,705	227,349	387,917
2011 1 Qtr.	748	496	252	355,904	361,317	345,250
2 Qtr.	839	606	233	328,025	327,656	328,984
3 Qtr.	718	488	230	366,270	352,338	395,830
4 Qtr.	621	432	189	343,314	356,606	312,932
2012 1 Qtr.	637	472	165	304,951	279,061	379,012
2 Qtr.	839	587	252	366,577	322,381	469,526
3 Qtr.	648	460	188	323,791	320,718	331,311
4 Qtr.	652	475	177	386,367	361,149	454,045
2013 1 Qtr.	564	377	187	507,499	532,165	457,769
2 Qtr.	776	547	229	520,411	546,421	458,280
3 Qtr.	777	556	221	449,240	456,862	430,064
4 Qtr.	708	497	211	400,414	426,328	339,375
2014 1 Qtr.	641	451	190	470,311	511,566	372,385
2 Qtr.	743	504	239	557,443	596,980	474,068
3 Qtr.	676	484	192	442,907	461,878	395,085
4 Qtr.	665	487	178	486,607	517,931	400,909
2015 1 Qtr.	711	492	219	513,886	520,223	499,651
2 Qtr.	737	522	215	500,702	513,172	470,427
3 Qtr.	680	497	183	563,655	574,897	533,122
4 Qtr.	694	505	189	544,898	558,531	508,469
2016 1 Qtr.	702	502	200	517,054	517,934	514,843
2 Qtr.	798	566	232	562,612	611,714	442,820
3 Qtr.	766	544	222	507,680	525,159	464,848
4 Qtr.	702	537	165	522,225	560,559	397,463
2017 1 Qtr.	774	539	235	508,688	493,061	544,528
2 Qtr.	1,001	698	303	581,957	597,935	545,150
3 Qtr.	724	527	197	582,959	568,703	621,097
4 Qtr.	754	524	230	561,579	593,058	489,861
2018 1 Qtr.	879	619	260	535,438	514,348	585,649
2 Qtr.	921	615	306	569,884	556,112	597,562
3 Qtr.	824	562	262	503,316	511,353	486,077
4 Qtr.	788	533	255	537,970	474,972	669,648
2019 1 Qtr.	782	540	242	532,001	524,059	549,723
2 Qtr.	997	670	327	537,800	533,310	546,998
3 Qtr.	1,035	774	261	506,989	506,882	507,308
4 Qtr.	1,075	814	261	488,856	490,010	485,255
2020 1 Qtr.	1,036	787	249	547,467	526,879	612,537
2 Qtr.	722	561	161	475,179	448,482	568,202
3 Qtr.	1,081	856	225	526,127	491,514	657,809

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

Table G-30. HOME SALES BY TYPE OF HOME - HAWAII -- Con.

Year	Number of homes			Average price of homes (in dollars)		
	Total	Sing. family	Condo	Total	Sing. family	Condo
	Percentage change from previous period					
2009	-5.7	-5.9	-4.4	-15.0	-13.7	-19.9
2010	41.2	36.5	69.8	0.6	4.0	-16.0
2011	-44.5	-53.9	1.6	12.5	17.4	-6.5
2012	-5.1	-1.4	-13.5	-0.2	-7.8	19.2
2013	1.8	-0.9	8.4	34.9	52.1	1.8
2014	-3.5	-2.6	-5.8	4.9	7.1	-1.6
2015	3.6	4.7	0.9	7.9	3.5	21.0
2016	5.2	6.6	1.6	-0.4	2.5	-8.8
2017	9.6	6.5	17.8	6.0	1.8	19.7
2018	4.9	1.8	12.2	-4.0	-8.8	6.8
2019	14.0	20.1	0.7	-4.2	-0.8	-10.5
2009 1 Qtr.	-26.8	-25.4	-35.2	-30.9	-30.6	-28.4
2 Qtr.	-17.5	-16.0	-25.9	-24.0	-21.6	-29.5
3 Qtr.	2.5	1.9	5.9	8.6	14.0	-10.5
4 Qtr.	25.5	20.7	61.4	-5.7	-8.7	0.6
2010 1 Qtr.	42.8	35.2	95.7	29.7	38.8	-10.3
2 Qtr.	60.2	51.8	113.8	6.4	12.1	-19.5
3 Qtr.	42.4	37.0	74.3	2.9	5.5	-11.2
4 Qtr.	22.9	23.8	17.8	-25.4	-26.8	-18.8
2011 1 Qtr.	-30.0	-43.9	37.0	-1.3	2.9	-15.0
2 Qtr.	-42.7	-49.5	-11.4	0.8	2.2	-5.2
3 Qtr.	-49.5	-58.3	-8.4	19.1	18.8	10.4
4 Qtr.	-53.0	-61.7	-1.6	36.9	56.9	-19.3
2012 1 Qtr.	-14.8	-4.8	-34.5	-14.3	-22.8	9.8
2 Qtr.	0.0	-3.1	8.2	11.8	-1.6	42.7
3 Qtr.	-9.7	-5.7	-18.3	-11.6	-9.0	-16.3
4 Qtr.	5.0	10.0	-6.3	12.5	1.3	45.1
2013 1 Qtr.	-11.5	-20.1	13.3	66.4	90.7	20.8
2 Qtr.	-7.5	-6.8	-9.1	42.0	69.5	-2.4
3 Qtr.	19.9	20.9	17.6	38.7	42.4	29.8
4 Qtr.	8.6	4.6	19.2	3.6	18.0	-25.3
2014 1 Qtr.	13.7	19.6	1.6	-7.3	-3.9	-18.7
2 Qtr.	-4.3	-7.9	4.4	7.1	9.3	3.4
3 Qtr.	-13.0	-12.9	-13.1	-1.4	1.1	-8.1
4 Qtr.	-6.1	-2.0	-15.6	21.5	21.5	18.1
2015 1 Qtr.	10.9	9.1	15.3	9.3	1.7	34.2
2 Qtr.	-0.8	3.6	-10.0	-10.2	-14.0	-0.8
3 Qtr.	0.6	2.7	-4.7	27.3	24.5	34.9
4 Qtr.	4.4	3.7	6.2	12.0	7.8	26.8
2016 1 Qtr.	-1.3	2.0	-8.7	0.6	-0.4	3.0
2 Qtr.	8.3	8.4	7.9	12.4	19.2	-5.9
3 Qtr.	12.6	9.5	21.3	-9.9	-8.7	-12.8
4 Qtr.	1.2	6.3	-12.7	-4.2	0.4	-21.8
2017 1 Qtr.	10.3	7.4	17.5	-1.6	-4.8	5.8
2 Qtr.	25.4	23.3	30.6	3.4	-2.3	23.1
3 Qtr.	-5.5	-3.1	-11.3	14.8	8.3	33.6
4 Qtr.	7.4	-2.4	39.4	7.5	5.8	23.2
2018 1 Qtr.	13.6	14.8	10.6	5.3	4.3	7.6
2 Qtr.	-8.0	-11.9	1.0	-2.1	-7.0	9.6
3 Qtr.	13.8	6.6	33.0	-13.7	-10.1	-21.7
4 Qtr.	4.5	1.7	10.9	-4.2	-19.9	36.7
2019 1 Qtr.	-11.0	-12.8	-6.9	-0.6	1.9	-6.1
2 Qtr.	8.3	8.9	6.9	-5.6	-4.1	-8.5
3 Qtr.	25.6	37.7	-0.4	0.7	-0.9	4.4
4 Qtr.	36.4	52.7	2.4	-9.1	3.2	-27.5
2020 1 Qtr.	32.5	45.7	2.9	2.9	0.5	11.4
2 Qtr.	-27.6	-16.3	-50.8	-11.6	-15.9	3.9
3 Qtr.	4.4	10.6	-13.8	3.8	-3.0	29.7

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

Table G-31. HOME SALES BY TYPE OF HOME - MAUI

Year	Number of homes			Average price of homes (in dollars)		
	Total	Sing. family	Condo	Total	Sing. family	Condo
2008	2,334	1,268	1,066	768,060	771,564	763,892
2009	2,282	1,289	993	607,771	715,452	467,992
2010	3,418	1,631	1,787	581,459	638,980	528,958
2011	2,921	1,254	1,667	497,593	559,936	450,695
2012	2,585	1,041	1,544	519,877	603,112	463,758
2013	2,764	1,148	1,616	590,952	633,593	560,661
2014	2,491	1,082	1,409	666,989	714,731	630,328
2015	2,569	1,172	1,397	667,061	694,111	644,367
2016	2,576	1,112	1,464	695,789	780,522	631,430
2017	2,605	1,107	1,498	759,567	791,034	736,314
2018	2,828	1,289	1,539	776,665	842,371	721,633
2019	2,520	1,278	1,242	779,415	865,021	691,327
2008 1 Qtr.	662	343	319	857,926	907,128	805,023
2 Qtr.	637	347	290	816,956	771,000	871,945
3 Qtr.	540	309	231	771,361	741,514	811,288
4 Qtr.	495	269	226	581,351	633,955	518,738
2009 1 Qtr.	565	337	228	708,245	882,922	450,060
2 Qtr.	498	294	204	645,245	728,450	525,333
3 Qtr.	553	285	268	461,094	542,893	374,106
4 Qtr.	666	373	293	616,305	685,750	527,899
2010 1 Qtr.	732	326	406	608,208	600,820	614,141
2 Qtr.	1,008	429	579	632,622	640,795	626,567
3 Qtr.	860	447	413	535,665	664,047	396,714
4 Qtr.	818	429	389	542,619	640,047	435,173
2011 1 Qtr.	705	304	401	484,107	520,928	456,192
2 Qtr.	787	339	448	556,447	619,409	508,803
3 Qtr.	748	325	423	489,874	556,442	438,729
4 Qtr.	681	286	395	452,017	534,874	392,024
2012 1 Qtr.	634	222	412	472,996	596,791	406,290
2 Qtr.	677	251	426	541,258	632,495	487,502
3 Qtr.	531	236	295	506,014	589,553	439,183
4 Qtr.	743	332	411	550,305	594,762	514,393
2013 1 Qtr.	578	257	321	570,629	608,521	540,291
2 Qtr.	811	321	490	592,502	668,578	542,664
3 Qtr.	720	298	422	553,810	581,859	534,002
4 Qtr.	655	272	383	647,797	672,674	630,129
2014 1 Qtr.	618	245	373	696,650	842,660	600,745
2 Qtr.	717	311	406	670,924	686,616	658,903
3 Qtr.	598	289	309	659,241	702,964	618,347
4 Qtr.	558	237	321	637,389	633,724	640,095
2015 1 Qtr.	631	264	367	665,598	743,469	609,582
2 Qtr.	664	310	354	681,957	709,229	658,075
3 Qtr.	660	304	356	672,652	657,984	685,177
4 Qtr.	614	294	320	646,444	671,203	623,697
2016 1 Qtr.	596	262	334	613,982	662,001	576,315
2 Qtr.	693	301	392	734,338	849,968	645,551
3 Qtr.	628	263	365	732,480	765,134	708,952
4 Qtr.	659	286	373	694,273	830,159	590,081
2017 1 Qtr.	583	239	344	766,547	839,167	716,093
2 Qtr.	694	289	405	721,204	745,745	703,692
3 Qtr.	625	287	338	742,081	669,750	803,498
4 Qtr.	703	292	411	807,196	915,668	730,132
2018 1 Qtr.	725	324	401	794,145	863,152	738,388
2 Qtr.	840	337	503	776,291	802,766	758,553
3 Qtr.	639	336	303	769,752	800,853	735,263
4 Qtr.	624	292	332	763,940	912,795	633,019
2019 1 Qtr.	595	281	314	751,816	830,936	681,011
2 Qtr.	640	327	313	781,723	876,977	682,208
3 Qtr.	672	334	338	817,693	893,227	743,052
4 Qtr.	613	336	277	761,831	853,852	650,209
2020 1 Qtr.	599	302	297	767,057	857,991	674,592
2 Qtr.	455	292	163	830,285	894,486	715,274
3 Qtr.	570	347	223	889,757	918,338	845,282

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

Table G-31. HOME SALES BY TYPE OF HOME - MAUI -- Con.

Year	Number of homes			Average price of homes (in dollars)		
	Total	Sing. family	Condo	Total	Sing. family	Condo
	Percentage change from previous period					
2009	-2.2	1.7	-6.8	-20.9	-7.3	-38.7
2010	49.8	26.5	80.0	-4.3	-10.7	13.0
2011	-14.5	-23.1	-6.7	-14.4	-12.4	-14.8
2012	-11.5	-17.0	-7.4	4.5	7.7	2.9
2013	6.9	10.3	4.7	13.7	5.1	20.9
2014	-9.9	-5.7	-12.8	12.9	12.8	12.4
2015	3.1	8.3	-0.9	0.0	-2.9	2.2
2016	0.3	-5.1	4.8	4.3	12.4	-2.0
2017	1.1	-0.4	2.3	9.2	1.3	16.6
2018	8.6	16.4	2.7	2.3	6.5	-2.0
2019	-10.9	-0.9	-19.3	0.4	2.7	-4.2
2009 1 Qtr.	-14.7	-1.7	-28.5	-17.4	-2.7	-44.1
2 Qtr.	-21.8	-15.3	-29.7	-21.0	-5.5	-39.8
3 Qtr.	2.4	-7.8	16.0	-40.2	-26.8	-53.9
4 Qtr.	34.5	38.7	29.6	6.0	8.2	1.8
2010 1 Qtr.	29.6	-3.3	78.1	-14.1	-32.0	36.5
2 Qtr.	102.4	45.9	183.8	-2.0	-12.0	19.3
3 Qtr.	55.5	56.8	54.1	16.2	22.3	6.0
4 Qtr.	22.8	15.0	32.8	-12.0	-6.7	-17.6
2011 1 Qtr.	-3.7	-6.7	-1.2	-20.4	-13.3	-25.7
2 Qtr.	-21.9	-21.0	-22.6	-12.0	-3.3	-18.8
3 Qtr.	-13.0	-27.3	2.4	-8.5	-16.2	10.6
4 Qtr.	-16.7	-33.3	1.5	-16.7	-16.4	-9.9
2012 1 Qtr.	-10.1	-27.0	2.7	-2.3	14.6	-10.9
2 Qtr.	-14.0	-26.0	-4.9	-2.7	2.1	-4.2
3 Qtr.	-29.0	-27.4	-30.3	3.3	6.0	0.1
4 Qtr.	9.1	16.1	4.1	21.7	11.2	31.2
2013 1 Qtr.	-8.8	15.8	-22.1	20.6	2.0	33.0
2 Qtr.	19.8	27.9	15.0	9.5	5.7	11.3
3 Qtr.	35.6	26.3	43.1	9.4	-1.3	21.6
4 Qtr.	-11.8	-18.1	-6.8	17.7	13.1	22.5
2014 1 Qtr.	6.9	-4.7	16.2	22.1	38.5	11.2
2 Qtr.	-11.6	-3.1	-17.1	13.2	2.7	21.4
3 Qtr.	-16.9	-3.0	-26.8	19.0	20.8	15.8
4 Qtr.	-14.8	-12.9	-16.2	-1.6	-5.8	1.6
2015 1 Qtr.	2.1	7.8	-1.6	-4.5	-11.8	1.5
2 Qtr.	-7.4	-0.3	-12.8	1.6	3.3	-0.1
3 Qtr.	10.4	5.2	15.2	2.0	-6.4	10.8
4 Qtr.	10.0	24.1	-0.3	1.4	5.9	-2.6
2016 1 Qtr.	-5.5	-0.8	-9.0	-7.8	-11.0	-5.5
2 Qtr.	4.4	-2.9	10.7	7.7	19.8	-1.9
3 Qtr.	-4.8	-13.5	2.5	8.9	16.3	3.5
4 Qtr.	7.3	-2.7	16.6	7.4	23.7	-5.4
2017 1 Qtr.	-2.2	-8.8	3.0	24.8	26.8	24.3
2 Qtr.	0.1	-4.0	3.3	-1.8	-12.3	9.0
3 Qtr.	-0.5	9.1	-7.4	1.3	-12.5	13.3
4 Qtr.	6.7	2.1	10.2	16.3	10.3	23.7
2018 1 Qtr.	24.4	35.6	16.6	3.6	2.9	3.1
2 Qtr.	21.0	16.6	24.2	7.6	7.6	7.8
3 Qtr.	2.2	17.1	-10.4	3.7	19.6	-8.5
4 Qtr.	-11.2	0.0	-19.2	-5.4	-0.3	-13.3
2019 1 Qtr.	-17.9	-13.3	-21.7	-5.3	-3.7	-7.8
2 Qtr.	-23.8	-3.0	-37.8	0.7	9.2	-10.1
3 Qtr.	5.2	-0.6	11.6	6.2	11.5	1.1
4 Qtr.	-1.8	15.1	-16.6	-0.3	-6.5	2.7
2020 1 Qtr.	0.7	7.5	-5.4	2.0	3.3	-0.9
2 Qtr.	-28.9	-10.7	-47.9	6.2	2.0	4.8
3 Qtr.	-15.2	3.9	-34.0	8.8	2.8	13.8

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

Table G-32. KAUAI COUNTY HOME SALES BY TYPE OF HOME

Year	Number of homes			Average price of homes (in dollars)		
	Total	Sing. family	Condo	Total	Sing. family	Condo
2008	817	485	332	659,652	678,251	632,482
2009	775	360	415	524,259	542,024	508,848
2010	1,201	613	588	492,464	548,955	433,570
2011	901	413	488	460,104	581,917	357,013
2012	976	526	450	480,514	567,999	378,253
2013	872	519	353	541,203	601,035	453,234
2014	929	599	330	627,641	679,999	532,603
2015	750	460	290	717,287	768,638	635,833
2016	788	479	309	654,954	669,030	633,134
2017	863	528	335	611,043	662,046	530,656
2018	1,176	671	505	722,596	735,590	705,332
2019	1,148	653	495	716,973	722,315	709,925
2008 1 Qtr.	219	126	93	750,313	726,701	782,304
2 Qtr.	223	123	100	684,113	707,440	655,422
3 Qtr.	184	111	73	654,594	740,461	524,029
4 Qtr.	191	125	66	532,014	545,450	506,567
2009 1 Qtr.	129	64	65	538,421	429,280	645,883
2 Qtr.	174	91	83	640,616	635,492	646,235
3 Qtr.	205	89	116	478,247	474,376	481,218
4 Qtr.	267	116	151	476,916	582,807	395,569
2010 1 Qtr.	249	138	111	475,968	570,775	358,100
2 Qtr.	319	149	170	464,673	530,082	407,345
3 Qtr.	316	155	161	479,026	537,774	422,466
4 Qtr.	317	171	146	546,782	557,926	533,729
2011 1 Qtr.	248	123	125	511,307	686,187	339,224
2 Qtr.	245	105	140	422,871	498,785	365,936
3 Qtr.	207	83	124	374,646	395,006	361,017
4 Qtr.	201	102	99	530,322	693,851	361,838
2012 1 Qtr.	198	95	103	444,501	480,591	411,214
2 Qtr.	242	114	128	477,933	536,990	425,335
3 Qtr.	201	98	103	487,724	662,376	321,551
4 Qtr.	335	219	116	499,338	579,826	347,383
2013 1 Qtr.	180	95	85	507,904	546,197	465,106
2 Qtr.	251	150	101	566,955	612,271	499,654
3 Qtr.	239	146	93	492,385	545,661	408,749
4 Qtr.	202	128	74	596,634	691,730	432,145
2014 1 Qtr.	214	144	70	506,627	497,044	526,341
2 Qtr.	254	159	95	690,506	778,727	542,852
3 Qtr.	216	137	79	518,079	535,756	487,425
4 Qtr.	245	159	86	764,762	871,251	567,881
2015 1 Qtr.	152	85	67	731,155	964,553	435,053
2 Qtr.	224	147	77	718,686	643,224	862,750
3 Qtr.	187	111	76	683,880	723,699	625,724
4 Qtr.	187	117	70	737,745	826,514	589,374
2016 1 Qtr.	188	116	72	666,693	738,139	551,587
2 Qtr.	180	115	65	790,860	761,640	842,556
3 Qtr.	224	128	96	582,382	568,499	600,893
4 Qtr.	196	120	76	601,821	620,705	572,003
2017 1 Qtr.	194	106	88	679,825	849,466	475,485
2 Qtr.	242	156	86	608,579	644,870	542,748
3 Qtr.	179	110	69	650,798	628,018	687,114
4 Qtr.	248	156	92	530,947	575,865	454,781
2018 1 Qtr.	250	166	84	657,155	643,527	684,087
2 Qtr.	322	186	136	699,116	696,392	702,842
3 Qtr.	318	168	150	717,263	746,956	684,007
4 Qtr.	286	151	135	812,167	872,437	744,753
2019 1 Qtr.	215	125	90	702,156	758,717	623,599
2 Qtr.	346	197	149	656,464	713,184	581,472
3 Qtr.	313	186	127	822,520	716,509	977,779
4 Qtr.	274	145	129	684,439	710,789	654,820
2020 1 Qtr.	212	112	100	791,124	776,047	808,010
2 Qtr.	175	95	80	616,859	687,369	533,129
3 Qtr.	213	105	108	802,205	957,908	650,828

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

Table G-32. KAUAI COUNTY HOME SALES BY TYPE OF HOME -- Con.

Year	Number of homes			Average price of homes (in dollars)		
	Total	Sing. family	Condo	Total	Sing. family	Condo
	Percentage change from previous period					
2009	-5.1	-25.8	25.0	-20.5	-20.1	-19.5
2010	55.0	70.3	41.7	-6.1	1.3	-14.8
2011	-25.0	-32.6	-17.0	-6.6	6.0	-17.7
2012	8.3	27.4	-7.8	4.4	-2.4	5.9
2013	-10.7	-1.3	-21.6	12.6	5.8	19.8
2014	6.5	15.4	-6.5	16.0	13.1	17.5
2015	-19.3	-23.2	-12.1	14.3	13.0	19.4
2016	5.1	4.1	6.6	-8.7	-13.0	-0.4
2017	9.5	10.2	8.4	-6.7	-1.0	-16.2
2018	36.3	27.1	50.7	18.3	11.1	32.9
2019	-2.4	-2.7	-2.0	-0.8	-1.8	0.7
2009 1 Qtr.	-41.1	-49.2	-30.1	-28.2	-40.9	-17.4
2 Qtr.	-22.0	-26.0	-17.0	-6.4	-10.2	-1.4
3 Qtr.	11.4	-19.8	58.9	-26.9	-35.9	-8.2
4 Qtr.	39.8	-7.2	128.8	-10.4	6.8	-21.9
2010 1 Qtr.	93.0	115.6	70.8	-11.6	33.0	-44.6
2 Qtr.	83.3	63.7	104.8	-27.5	-16.6	-37.0
3 Qtr.	54.1	74.2	38.8	0.2	13.4	-12.2
4 Qtr.	18.7	47.4	-3.3	14.6	-4.3	34.9
2011 1 Qtr.	-0.4	-10.9	12.6	7.4	20.2	-5.3
2 Qtr.	-23.2	-29.5	-17.6	-9.0	-5.9	-10.2
3 Qtr.	-34.5	-46.5	-23.0	-21.8	-26.5	-14.5
4 Qtr.	-36.6	-40.4	-32.2	-3.0	24.4	-32.2
2012 1 Qtr.	-20.2	-22.8	-17.6	-13.1	-30.0	21.2
2 Qtr.	-1.2	8.6	-8.6	13.0	7.7	16.2
3 Qtr.	-2.9	18.1	-16.9	30.2	67.7	-10.9
4 Qtr.	66.7	114.7	17.2	-5.8	-16.4	-4.0
2013 1 Qtr.	-9.1	0.0	-17.5	14.3	13.7	13.1
2 Qtr.	3.7	31.6	-21.1	18.6	14.0	17.5
3 Qtr.	18.9	49.0	-9.7	1.0	-17.6	27.1
4 Qtr.	-39.7	-41.6	-36.2	19.5	19.3	24.4
2014 1 Qtr.	18.9	51.6	-17.6	-0.3	-9.0	13.2
2 Qtr.	1.2	6.0	-5.9	21.8	27.2	8.6
3 Qtr.	-9.6	-6.2	-15.1	5.2	-1.8	19.2
4 Qtr.	21.3	24.2	16.2	28.2	26.0	31.4
2015 1 Qtr.	-29.0	-41.0	-4.3	44.3	94.1	-17.3
2 Qtr.	-11.8	-7.5	-18.9	4.1	-17.4	58.9
3 Qtr.	-13.4	-19.0	-3.8	32.0	35.1	28.4
4 Qtr.	-23.7	-26.4	-18.6	-3.5	-5.1	3.8
2016 1 Qtr.	23.7	36.5	7.5	-8.8	-23.5	26.8
2 Qtr.	-19.6	-21.8	-15.6	10.0	18.4	-2.3
3 Qtr.	19.8	15.3	26.3	-14.8	-21.4	-4.0
4 Qtr.	4.8	2.6	8.6	-18.4	-24.9	-2.9
2017 1 Qtr.	3.2	-8.6	22.2	2.0	15.1	-13.8
2 Qtr.	34.4	35.7	32.3	-23.0	-15.3	-35.6
3 Qtr.	-20.1	-14.1	-28.1	11.7	10.5	14.3
4 Qtr.	26.5	30.0	21.1	-11.8	-7.2	-20.5
2018 1 Qtr.	28.9	56.6	-4.5	-3.3	-24.2	43.9
2 Qtr.	33.1	19.2	58.1	14.9	8.0	29.5
3 Qtr.	77.7	52.7	117.4	10.2	18.9	-0.5
4 Qtr.	15.3	-3.2	46.7	53.0	51.5	63.8
2019 1 Qtr.	-14.0	-24.7	7.1	6.8	17.9	-8.8
2 Qtr.	7.5	5.9	9.6	-6.1	2.4	-17.3
3 Qtr.	-1.6	10.7	-15.3	14.7	-4.1	42.9
4 Qtr.	-4.2	-4.0	-4.4	-15.7	-18.5	-12.1
2020 1 Qtr.	-1.4	-10.4	11.1	12.7	2.3	29.6
2 Qtr.	-49.4	-51.8	-46.3	-6.0	-3.6	-8.3
3 Qtr.	-31.9	-43.5	-15.0	-2.5	33.7	-33.4

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

Table G-33. HOME SALES BY ORIGIN OF BUYER - HONOLULU

Year	Number of homes purchased by			Average price of homes purchased by (in dollars)		
	Local buyers	Main-landers	Foreign buyers	Local buyers	Main-landers	Foreign buyers
2008	9,599	1,637	466	490,875	632,444	500,617
2009	7,848	1,195	354	464,167	520,584	967,636
2010	9,126	1,797	352	516,594	561,082	1,018,012
2011	8,532	1,357	455	483,395	469,342	864,487
2012	8,600	887	396	510,258	617,667	721,638
2013	9,948	1,070	355	531,597	634,653	756,068
2014	10,079	1,098	391	572,991	702,865	1,020,946
2015	11,470	1,299	445	572,646	645,150	703,436
2016	11,578	1,221	703	634,736	720,084	1,283,884
2017	11,978	1,214	561	685,414	808,613	1,361,971
2018	11,052	1,202	739	705,448	898,862	1,253,924
2019	10,933	1,204	416	677,292	751,161	1,008,848
2008 1 Qtr.	2,452	406	121	492,895	611,263	444,479
2 Qtr.	2,957	609	183	473,770	582,280	447,487
3 Qtr.	2,412	385	123	500,283	793,850	592,681
4 Qtr.	1,778	237	39	503,775	535,435	633,735
2009 1 Qtr.	1,535	262	47	425,178	556,920	443,335
2 Qtr.	1,812	261	43	453,620	550,912	390,705
3 Qtr.	2,084	356	60	477,087	464,821	767,450
4 Qtr.	2,417	316	204	485,697	528,230	1,268,917
2010 1 Qtr.	1,864	304	64	485,642	516,785	538,440
2 Qtr.	2,715	443	106	506,656	569,915	1,068,345
3 Qtr.	2,233	523	90	551,983	545,770	1,184,841
4 Qtr.	2,314	527	92	519,035	594,405	1,130,433
2011 1 Qtr.	1,845	336	129	472,532	520,582	1,067,945
2 Qtr.	2,119	413	109	482,874	487,602	772,007
3 Qtr.	2,153	357	100	476,928	443,419	798,672
4 Qtr.	2,415	251	117	497,917	407,574	782,569
2012 1 Qtr.	1,668	202	74	487,191	590,131	726,476
2 Qtr.	2,034	210	107	494,213	570,119	618,212
3 Qtr.	2,273	203	96	511,384	576,956	686,970
4 Qtr.	2,625	272	119	536,372	705,209	839,593
2013 1 Qtr.	2,133	232	94	501,370	603,374	766,917
2 Qtr.	2,612	280	103	528,008	572,217	673,940
3 Qtr.	2,747	342	78	538,919	657,754	899,219
4 Qtr.	2,456	216	80	553,478	712,609	709,491
2014 1 Qtr.	2,060	253	87	568,111	638,069	916,583
2 Qtr.	2,511	312	78	550,049	799,497	787,044
3 Qtr.	2,639	264	75	554,235	595,349	875,580
4 Qtr.	2,869	269	151	613,827	757,244	1,274,099
2015 1 Qtr.	2,533	326	151	583,994	736,655	665,847
2 Qtr.	3,285	363	119	545,196	570,517	690,239
3 Qtr.	3,129	306	93	576,010	656,088	728,820
4 Qtr.	2,523	304	82	592,823	625,131	763,015
2016 1 Qtr.	2,341	274	245	597,780	687,025	1,406,227
2 Qtr.	3,145	346	142	618,423	734,265	896,610
3 Qtr.	2,931	283	147	610,209	725,626	888,480
4 Qtr.	3,161	318	169	701,076	728,209	1,775,859
2017 1 Qtr.	2,835	285	96	633,030	697,448	1,172,021
2 Qtr.	2,895	325	119	614,158	727,112	727,894
3 Qtr.	3,045	308	129	672,128	787,285	1,740,550
4 Qtr.	3,203	296	217	808,814	1,027,324	1,568,671
2018 1 Qtr.	2,268	267	141	733,842	873,808	1,264,616
2 Qtr.	2,686	308	117	734,109	943,103	1,310,184
3 Qtr.	2,892	309	278	695,443	1,029,504	1,135,163
4 Qtr.	3,206	318	203	670,374	750,103	1,376,710
2019 1 Qtr.	2,254	295	129	688,570	731,488	979,347
2 Qtr.	3,213	330	92	627,929	727,534	1,101,463
3 Qtr.	2,894	298	87	707,450	750,060	1,105,099
4 Qtr.	2,572	281	108	695,142	800,730	887,656
2020 1 Qtr.	2,230	242	67	671,372	773,844	972,088
2 Qtr.	2,011	157	38	723,142	1,099,821	1,162,091
3 Qtr.	2,828	226	25	706,031	969,181	1,106,125

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

'able G-33. HOME SALES BY ORIGIN OF BUYER - HONOLULU -- Cor

Year	Number of homes purchased by			Average price of homes purchased by (in dollars)		
	Local buyers	Main-landers	Foreign buyers	Local buyers	Main-landers	Foreign buyers
	Percentage change from previous period					
2009	-18.2	-27.0	-24.0	-5.4	-17.7	93.3
2010	16.3	50.4	-0.6	11.3	7.8	5.2
2011	-6.5	-24.5	29.3	-6.4	-16.4	-15.1
2012	0.8	-34.6	-13.0	5.6	31.6	-16.5
2013	15.7	20.6	-10.4	4.2	2.8	4.8
2014	1.3	2.6	10.1	7.8	10.7	35.0
2015	13.8	18.3	13.8	-0.1	-8.2	-31.1
2016	0.9	-6.0	58.0	10.8	11.6	82.5
2017	3.5	-0.6	-20.2	8.0	12.3	6.1
2018	-7.7	-1.0	31.7	2.9	11.2	-7.9
2019	-1.1	0.2	-43.7	-4.0	-16.4	-19.5
2009 1 Qtr.	-37.4	-35.5	-61.2	-13.7	-8.9	-0.3
2 Qtr.	-38.7	-57.1	-76.5	-4.3	-5.4	-12.7
3 Qtr.	-13.6	-7.5	-51.2	-4.6	-41.4	29.5
4 Qtr.	35.9	33.3	423.1	-3.6	-1.3	100.2
2010 1 Qtr.	21.4	16.0	36.2	14.2	-7.2	21.5
2 Qtr.	49.8	69.7	146.5	11.7	3.4	173.4
3 Qtr.	7.1	46.9	50.0	15.7	17.4	54.4
4 Qtr.	-4.3	66.8	-54.9	6.9	12.5	-10.9
2011 1 Qtr.	-1.0	10.5	101.6	-2.7	0.7	98.3
2 Qtr.	-22.0	-6.8	2.8	-4.7	-14.4	-27.7
3 Qtr.	-3.6	-31.7	11.1	-13.6	-18.8	-32.6
4 Qtr.	4.4	-52.4	27.2	-4.1	-31.4	-30.8
2012 1 Qtr.	-9.6	-39.9	-42.6	3.1	13.4	-32.0
2 Qtr.	-4.0	-49.2	-1.8	2.3	16.9	-19.9
3 Qtr.	5.6	-43.1	-4.0	7.2	30.1	-14.0
4 Qtr.	8.7	8.4	1.7	7.7	73.0	7.3
2013 1 Qtr.	27.9	14.9	27.0	2.9	2.2	5.6
2 Qtr.	28.4	33.3	-3.7	6.8	0.4	9.0
3 Qtr.	20.9	68.5	-18.8	5.4	14.0	30.9
4 Qtr.	-6.4	-20.6	-32.8	3.2	1.0	-15.5
2014 1 Qtr.	-3.4	9.1	-7.4	13.3	5.8	19.5
2 Qtr.	-3.9	11.4	-24.3	4.2	39.7	16.8
3 Qtr.	-3.9	-22.8	-3.8	2.8	-9.5	-2.6
4 Qtr.	16.8	24.5	88.8	10.9	6.3	79.6
2015 1 Qtr.	23.0	28.9	73.6	2.8	15.5	-27.4
2 Qtr.	30.8	16.3	52.6	-0.9	-28.6	-12.3
3 Qtr.	18.6	15.9	24.0	3.9	10.2	-16.8
4 Qtr.	-12.1	13.0	-45.7	-3.4	-17.4	-40.1
2016 1 Qtr.	-7.6	-16.0	62.3	2.4	-6.7	111.2
2 Qtr.	-4.3	-4.7	19.3	13.4	28.7	29.9
3 Qtr.	-6.3	-7.5	58.1	5.9	10.6	21.9
4 Qtr.	25.3	4.6	106.1	18.3	16.5	132.7
2017 1 Qtr.	21.1	4.0	-60.8	5.9	1.5	-16.7
2 Qtr.	-7.9	-6.1	-16.2	-0.7	-1.0	-18.8
3 Qtr.	3.9	8.8	-12.2	10.1	8.5	95.9
4 Qtr.	1.3	-6.9	28.4	15.4	41.1	-11.7
2018 1 Qtr.	-20.0	-6.3	46.9	15.9	25.3	7.9
2 Qtr.	-7.2	-5.2	-1.7	19.5	29.7	80.0
3 Qtr.	-5.0	0.3	115.5	3.5	30.8	-34.8
4 Qtr.	0.1	7.4	-6.5	-17.1	-27.0	-12.2
2019 1 Qtr.	-0.6	10.5	-8.5	-6.2	-16.3	-22.6
2 Qtr.	19.6	7.1	-21.4	-14.5	-22.9	-15.9
3 Qtr.	0.1	-3.6	-68.7	1.7	-27.1	-2.6
4 Qtr.	-19.8	-11.6	-46.8	3.7	6.7	-35.5
2020 1 Qtr.	-1.1	-18.0	-48.1	-2.5	5.8	-0.7
2 Qtr.	-37.4	-52.4	-58.7	15.2	51.2	5.5
3 Qtr.	-2.3	-24.2	-71.3	-0.2	29.2	0.1

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

Table G-34. HOME SALES BY ORIGIN OF BUYER - HAWAII

Year	Number of homes purchased by			Average price of homes purchased by (in dollars)		
	Local buyers	Main-landers	Foreign buyers	Local buyers	Main-landers	Foreign buyers
2008	2,310	1,532	118	310,214	424,666	530,815
2009	2,106	1,530	98	236,140	390,633	525,523
2010	2,961	2,071	241	228,458	419,307	351,348
2011	1,579	1,258	89	219,637	493,936	555,401
2012	1,688	978	110	217,804	539,738	618,388
2013	1,543	1,172	110	304,222	645,761	876,130
2014	1,543	1,094	88	335,583	684,175	822,233
2015	1,714	1,066	42	393,737	731,083	991,329
2016	1,812	1,119	37	365,097	772,918	1,107,271
2017	1,875	1,312	66	368,212	816,553	909,738
2018	2,002	1,329	81	394,462	704,015	1,343,418
2019	2,404	1,419	66	375,371	728,322	1,008,840
2008 1 Qtr.	591	398	33	323,600	500,494	637,444
2 Qtr.	635	441	32	361,464	458,423	428,636
3 Qtr.	546	395	33	245,721	307,741	372,760
4 Qtr.	538	298	20	300,474	428,420	779,155
2009 1 Qtr.	413	310	25	229,652	340,788	299,597
2 Qtr.	553	345	16	264,856	365,418	428,503
3 Qtr.	574	396	28	211,361	404,049	605,188
4 Qtr.	566	479	29	237,948	429,962	696,898
2010 1 Qtr.	522	431	115	293,092	455,122	313,092
2 Qtr.	764	635	65	218,085	454,481	325,577
3 Qtr.	808	581	32	236,455	402,292	383,541
4 Qtr.	867	424	29	191,231	353,535	525,295
2011 1 Qtr.	398	332	18	211,368	506,616	771,981
2 Qtr.	441	369	29	220,428	449,695	416,100
3 Qtr.	388	309	21	214,821	546,900	506,626
4 Qtr.	352	248	21	233,303	476,800	610,905
2012 1 Qtr.	380	221	36	180,601	497,738	434,038
2 Qtr.	504	300	35	175,762	641,075	761,474
3 Qtr.	411	220	17	242,013	462,169	510,125
4 Qtr.	393	237	22	282,376	522,633	776,073
2013 1 Qtr.	300	238	26	274,780	762,220	861,031
2 Qtr.	391	354	31	307,609	743,540	656,466
3 Qtr.	447	310	20	329,790	558,964	1,418,215
4 Qtr.	405	270	33	294,541	514,560	765,840
2014 1 Qtr.	348	274	19	303,355	630,137	1,223,396
2 Qtr.	365	346	32	400,627	711,293	682,612
3 Qtr.	393	262	21	318,267	597,918	841,527
4 Qtr.	437	212	16	322,493	816,360	599,769
2015 1 Qtr.	401	298	12	348,881	697,842	1,459,578
2 Qtr.	443	283	11	413,505	628,123	734,182
3 Qtr.	426	240	14	412,396	821,270	749,990
4 Qtr.	444	245	5	396,622	802,097	1,109,000
2016 1 Qtr.	423	267	12	328,761	802,016	813,958
2 Qtr.	459	329	10	340,216	854,887	1,154,728
3 Qtr.	498	260	8	343,721	783,312	1,756,042
4 Qtr.	432	263	7	451,754	630,563	800,843
2017 1 Qtr.	454	308	12	363,514	725,176	444,544
2 Qtr.	523	456	22	373,405	806,963	876,045
3 Qtr.	435	277	12	354,686	926,784	921,238
4 Qtr.	463	271	20	379,659	823,868	1,219,015
2018 1 Qtr.	520	336	23	384,492	685,923	1,749,751
2 Qtr.	507	393	21	417,796	732,146	1,205,107
3 Qtr.	496	312	16	380,213	655,305	1,355,728
4 Qtr.	479	288	21	395,343	739,505	1,027,318
2019 1 Qtr.	457	310	15	376,890	760,328	538,949
2 Qtr.	577	403	17	421,455	685,184	992,788
3 Qtr.	643	375	17	342,588	777,048	768,031
4 Qtr.	727	331	17	366,835	695,666	1,680,310
2020 1 Qtr.	646	374	16	384,880	809,779	980,323
2 Qtr.	480	231	11	312,707	762,988	1,520,864
3 Qtr.	741	335	5	389,127	821,482	1,040,706

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

able G-34. HOME SALES BY ORIGIN OF BUYER - HAWAII -- Co

Year	Number of homes purchased by			Average price of homes purchased by (in dollars)		
	Local buyers	Main-landers	Foreign buyers	Local buyers	Main-landers	Foreign buyers
	Percentage change from previous period					
2009	-8.8	-0.1	-16.9	-23.9	-8.0	-1.0
2010	40.6	35.4	145.9	-3.3	7.3	-33.1
2011	-46.7	-39.3	-63.1	-3.9	17.8	58.1
2012	6.9	-22.3	23.6	-0.8	9.3	11.3
2013	-8.6	19.8	0.0	39.7	19.6	41.7
2014	0.0	-6.7	-20.0	10.3	5.9	-6.2
2015	11.1	-2.6	-52.3	17.3	6.9	20.6
2016	5.7	5.0	-11.9	-7.3	5.7	11.7
2017	3.5	17.2	78.4	0.9	5.6	-17.8
2018	6.8	1.3	22.7	7.1	-13.8	47.7
2019	20.1	6.8	-18.5	-4.8	3.5	-24.9
2009 1 Qtr.	-30.1	-22.1	-24.2	-29.0	-31.9	-53.0
2 Qtr.	-12.9	-21.8	-50.0	-26.7	-20.3	0.0
3 Qtr.	5.1	0.3	-15.2	-14.0	31.3	62.4
4 Qtr.	5.2	60.7	45.0	-20.8	0.4	-10.6
2010 1 Qtr.	26.4	39.0	360.0	27.6	33.5	4.5
2 Qtr.	38.2	84.1	306.3	-17.7	24.4	-24.0
3 Qtr.	40.8	46.7	14.3	11.9	-0.4	-36.6
4 Qtr.	53.2	-11.5	0.0	-19.6	-17.8	-24.6
2011 1 Qtr.	-23.8	-23.0	-84.3	-27.9	11.3	146.6
2 Qtr.	-42.3	-41.9	-55.4	1.1	-1.1	27.8
3 Qtr.	-52.0	-46.8	-34.4	-9.1	35.9	32.1
4 Qtr.	-59.4	-41.5	-27.6	22.0	34.9	16.3
2012 1 Qtr.	-4.5	-33.4	100.0	-14.6	-1.8	-43.8
2 Qtr.	14.3	-18.7	20.7	-20.3	42.6	83.0
3 Qtr.	5.9	-28.8	-19.0	12.7	-15.5	0.7
4 Qtr.	11.6	-4.4	4.8	21.0	9.6	27.0
2013 1 Qtr.	-21.1	7.7	-27.8	52.1	53.1	98.4
2 Qtr.	-22.4	18.0	-11.4	75.0	16.0	-13.8
3 Qtr.	8.8	40.9	17.6	36.3	20.9	178.0
4 Qtr.	3.1	13.9	50.0	4.3	-1.5	-1.3
2014 1 Qtr.	16.0	15.1	-26.9	10.4	-17.3	42.1
2 Qtr.	-6.6	-2.3	3.2	30.2	-4.3	4.0
3 Qtr.	-12.1	-15.5	5.0	-3.5	7.0	-40.7
4 Qtr.	7.9	-21.5	-51.5	9.5	58.7	-21.7
2015 1 Qtr.	15.2	8.8	-36.8	15.0	10.7	19.3
2 Qtr.	21.4	-18.2	-65.6	3.2	-11.7	7.6
3 Qtr.	8.4	-8.4	-33.3	29.6	37.4	-10.9
4 Qtr.	1.6	15.6	-68.8	23.0	-1.7	84.9
2016 1 Qtr.	5.5	-10.4	0.0	-5.8	14.9	-44.2
2 Qtr.	3.6	16.3	-9.1	-17.7	36.1	57.3
3 Qtr.	16.9	8.3	-42.9	-16.7	-4.6	134.1
4 Qtr.	-2.7	7.3	40.0	13.9	-21.4	-27.8
2017 1 Qtr.	7.3	15.4	0.0	10.6	-9.6	-45.4
2 Qtr.	13.9	38.6	120.0	9.8	-5.6	-24.1
3 Qtr.	-12.7	6.5	50.0	3.2	18.3	-47.5
4 Qtr.	7.2	3.0	185.7	-16.0	30.7	52.2
2018 1 Qtr.	14.5	9.1	91.7	5.8	-5.4	293.6
2 Qtr.	-3.1	-13.8	-4.5	11.9	-9.3	37.6
3 Qtr.	14.0	12.6	33.3	7.2	-29.3	47.2
4 Qtr.	3.5	6.3	5.0	4.1	-10.2	-15.7
2019 1 Qtr.	-12.1	-7.7	-34.8	-2.0	10.8	-69.2
2 Qtr.	13.8	2.5	-19.0	0.9	-6.4	-17.6
3 Qtr.	29.6	20.2	6.3	-9.9	18.6	-43.3
4 Qtr.	51.8	14.9	-19.0	-7.2	-5.9	63.6
2020 1 Qtr.	41.4	20.6	6.7	2.1	6.5	81.9
2 Qtr.	-16.8	-42.7	-35.3	-25.8	11.4	53.2
3 Qtr.	15.2	-10.7	-70.6	13.6	5.7	35.5

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

Table G-35. HOME SALES BY ORIGIN OF BUYER - MAUI

Year	Number of homes purchased by			Average price of homes purchased by (in dollars)		
	Local buyers	Main-landers	Foreign buyers	Local buyers	Main-landers	Foreign buyers
2008	1,281	890	163	566,659	1,003,421	1,065,753
2009	1,106	1,037	139	488,117	700,054	871,373
2010	1,380	1,768	270	460,187	619,190	954,224
2011	1,331	1,316	274	400,964	533,555	794,261
2012	1,212	1,121	252	413,005	588,005	730,817
2013	1,393	1,174	197	455,623	706,670	858,267
2014	1,230	1,149	112	481,694	838,211	945,387
2015	1,392	1,090	87	522,070	818,362	1,091,288
2016	1,428	1,077	71	537,552	879,948	1,084,852
2017	1,450	1,076	79	561,784	998,129	1,140,488
2018	1,768	964	96	623,047	1,020,893	1,153,351
2019	1,760	712	48	648,012	1,045,693	1,647,725
2008 1 Qtr.	318	285	59	636,720	1,081,264	971,355
2 Qtr.	335	239	63	564,969	1,106,464	1,058,595
3 Qtr.	317	198	25	546,713	1,071,621	1,241,840
4 Qtr.	311	168	16	517,170	644,396	1,166,896
2009 1 Qtr.	241	283	41	510,358	804,945	1,203,964
2 Qtr.	247	227	24	532,158	741,214	901,389
3 Qtr.	274	242	37	418,462	502,243	507,664
4 Qtr.	344	285	37	496,395	731,081	847,066
2010 1 Qtr.	300	347	85	428,227	672,257	981,970
2 Qtr.	367	543	98	507,135	636,673	1,080,110
3 Qtr.	342	477	41	463,924	583,358	579,218
4 Qtr.	371	401	46	436,142	592,217	969,005
2011 1 Qtr.	293	345	67	398,923	511,961	713,199
2 Qtr.	342	354	91	375,704	598,905	1,070,554
3 Qtr.	362	315	71	422,192	534,055	638,945
4 Qtr.	334	302	45	405,611	481,099	601,279
2012 1 Qtr.	251	293	90	370,776	476,468	746,773
2 Qtr.	297	307	73	388,125	632,434	780,840
3 Qtr.	270	222	39	400,046	582,217	805,869
4 Qtr.	394	299	50	467,542	655,983	570,521
2013 1 Qtr.	289	245	44	450,938	689,867	692,836
2 Qtr.	385	356	70	504,728	631,551	876,666
3 Qtr.	379	297	44	415,514	674,582	929,818
4 Qtr.	340	276	39	448,709	853,010	931,157
2014 1 Qtr.	277	302	39	457,696	875,850	1,006,188
2 Qtr.	339	345	33	468,817	855,549	816,939
3 Qtr.	329	252	17	493,035	865,871	812,824
4 Qtr.	285	250	23	507,244	740,934	1,124,565
2015 1 Qtr.	295	303	33	525,196	734,284	1,290,055
2 Qtr.	362	281	21	538,554	854,573	844,202
3 Qtr.	378	268	14	478,831	928,499	1,008,143
4 Qtr.	357	238	19	548,556	758,632	1,080,420
2016 1 Qtr.	332	249	15	483,514	749,025	1,259,978
2 Qtr.	361	312	20	529,337	948,878	1,087,788
3 Qtr.	337	275	16	524,025	951,838	1,352,844
4 Qtr.	398	241	20	601,535	843,946	736,179
2017 1 Qtr.	324	234	25	582,482	988,138	1,077,935
2 Qtr.	359	315	20	545,668	899,904	1,057,551
3 Qtr.	343	265	17	544,004	962,005	1,310,332
4 Qtr.	424	262	17	573,996	1,161,685	1,160,206
2018 1 Qtr.	415	271	39	656,235	956,733	1,131,865
2 Qtr.	488	324	28	613,804	977,633	1,278,394
3 Qtr.	438	186	15	616,312	1,099,583	1,160,290
4 Qtr.	427	183	14	608,263	1,112,517	955,681
2019 1 Qtr.	382	195	18	592,710	988,285	1,566,667
2 Qtr.	441	191	8	672,445	989,237	1,851,250
3 Qtr.	471	193	8	677,916	1,100,653	2,220,612
4 Qtr.	466	133	14	639,997	1,131,187	1,308,279
2020 1 Qtr.	407	180	12	645,872	983,170	1,635,561
2 Qtr.	330	120	5	698,546	1,188,029	939,184
3 Qtr.	420	145	5	675,422	1,473,410	1,967,930

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

Table G-35. HOME SALES BY ORIGIN OF BUYER - MAUI -- Con.

Year	Number of homes purchased by			Average price of homes purchased by (in dollars)		
	Local buyers	Main-landers	Foreign buyers	Local buyers	Main-landers	Foreign buyers
	Percentage change from previous period					
2009	-13.7	16.5	-14.7	-13.9	-30.2	-18.2
2010	24.8	70.5	94.2	-5.7	-11.6	9.5
2011	-3.6	-25.6	1.5	-12.9	-13.8	-16.8
2012	-8.9	-14.8	-8.0	3.0	10.2	-8.0
2013	14.9	4.7	-21.8	10.3	20.2	17.4
2014	-11.7	-2.1	-43.1	5.7	18.6	10.2
2015	13.2	-5.1	-22.3	8.4	-2.4	15.4
2016	2.6	-1.2	-18.4	3.0	7.5	-0.6
2017	1.5	-0.1	11.3	4.5	13.4	5.1
2018	21.9	-10.4	21.5	10.9	2.3	1.1
2019	-0.5	-26.1	-50.0	4.0	2.4	42.9
2009 1 Qtr.	-24.2	-0.7	-30.5	-19.8	-25.6	23.9
2 Qtr.	-26.3	-5.0	-61.9	-5.8	-33.0	-14.9
3 Qtr.	-13.6	22.2	48.0	-23.5	-53.1	-59.1
4 Qtr.	10.6	69.6	131.3	-4.0	13.5	-27.4
2010 1 Qtr.	24.5	22.6	107.3	-16.1	-16.5	-18.4
2 Qtr.	48.6	139.2	308.3	-4.7	-14.1	19.8
3 Qtr.	24.8	97.1	10.8	10.9	16.2	14.1
4 Qtr.	7.8	40.7	24.3	-12.1	-19.0	14.4
2011 1 Qtr.	-2.3	-0.6	-21.2	-6.8	-23.8	-27.4
2 Qtr.	-6.8	-34.8	-7.1	-25.9	-5.9	-0.9
3 Qtr.	5.8	-34.0	73.2	-9.0	-8.5	10.3
4 Qtr.	-10.0	-24.7	-2.2	-7.0	-18.8	-37.9
2012 1 Qtr.	-14.3	-15.1	34.3	-7.1	-6.9	4.7
2 Qtr.	-13.2	-13.3	-19.8	3.3	5.6	-27.1
3 Qtr.	-25.4	-29.5	-45.1	-5.2	9.0	26.1
4 Qtr.	18.0	-1.0	11.1	15.3	36.4	-5.1
2013 1 Qtr.	15.1	-16.4	-51.1	21.6	44.8	-7.2
2 Qtr.	29.6	16.0	-4.1	30.0	-0.1	12.3
3 Qtr.	40.4	33.8	12.8	3.9	15.9	15.4
4 Qtr.	-13.7	-7.7	-22.0	-4.0	30.0	63.2
2014 1 Qtr.	-4.2	23.3	-11.4	1.5	27.0	45.2
2 Qtr.	-11.9	-3.1	-52.9	-7.1	35.5	-6.8
3 Qtr.	-13.2	-15.2	-61.4	18.7	28.4	-12.6
4 Qtr.	-16.2	-9.4	-41.0	13.0	-13.1	20.8
2015 1 Qtr.	6.5	0.3	-15.4	14.7	-16.2	28.2
2 Qtr.	6.8	-18.6	-36.4	14.9	-0.1	3.3
3 Qtr.	14.9	6.3	-17.6	-2.9	7.2	24.0
4 Qtr.	25.3	-4.8	-17.4	8.1	2.4	-3.9
2016 1 Qtr.	12.5	-17.8	-54.5	-7.9	2.0	-2.3
2 Qtr.	-0.3	11.0	-4.8	-1.7	11.0	28.9
3 Qtr.	-10.8	2.6	14.3	9.4	2.5	34.2
4 Qtr.	11.5	1.3	5.3	9.7	11.2	-31.9
2017 1 Qtr.	-2.4	-6.0	66.7	20.5	31.9	-14.4
2 Qtr.	-0.6	1.0	0.0	3.1	-5.2	-2.8
3 Qtr.	1.8	-3.6	6.3	3.8	1.1	-3.1
4 Qtr.	6.5	8.7	-15.0	-4.6	37.6	57.6
2018 1 Qtr.	28.1	15.8	56.0	12.7	-3.2	5.0
2 Qtr.	35.9	2.9	40.0	12.5	8.6	20.9
3 Qtr.	27.7	-29.8	-11.8	13.3	14.3	-11.5
4 Qtr.	0.7	-30.2	-17.6	6.0	-4.2	-17.6
2019 1 Qtr.	-8.0	-28.0	-53.8	-9.7	3.3	38.4
2 Qtr.	-9.6	-41.0	-71.4	9.6	1.2	44.8
3 Qtr.	7.5	3.8	-46.7	10.0	0.1	91.4
4 Qtr.	9.1	-27.3	0.0	5.2	1.7	36.9
2020 1 Qtr.	6.5	-7.7	-33.3	9.0	-0.5	4.4
2 Qtr.	-25.2	-37.2	-37.5	3.9	20.1	-49.3
3 Qtr.	-10.8	-24.9	-37.5	-0.4	33.9	-11.4

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

Table G-36. HOME SALES BY ORIGIN OF BUYER - KAUAI

Year	Number of homes purchased by			Average price of homes purchased by (in dollars)		
	Local buyers	Main-landers	Foreign buyers	Local buyers	Main-landers	Foreign buyers
2008	426	368	23	482,127	856,850	792,565
2009	366	401	8	407,776	629,719	567,155
2010	602	571	28	404,711	587,416	442,802
2011	447	418	36	336,439	591,219	473,227
2012	517	420	39	387,210	587,659	563,517
2013	494	359	19	452,599	666,296	481,291
2014	603	314	12	484,858	902,864	600,833
2015	501	243	6	527,757	1,105,254	830,333
2016	493	285	10	505,950	890,118	1,298,643
2017	532	315	16	474,700	848,181	475,781
2018	703	461	12	576,855	933,613	1,154,042
2019	726	412	10	563,867	987,369	692,130
2008 1 Qtr.	114	102	3	564,437	953,184	916,000
2 Qtr.	115	98	10	551,955	823,148	841,400
3 Qtr.	90	86	8	399,290	910,374	777,125
4 Qtr.	107	82	2	389,058	721,164	425,000
2009 1 Qtr.	63	63	3	365,373	721,949	318,333
2 Qtr.	85	87	2	400,454	883,836	267,500
3 Qtr.	89	115	1	393,572	534,108	1,590,400
4 Qtr.	129	136	2	443,110	505,283	728,420
2010 1 Qtr.	131	110	8	414,202	546,491	517,692
2 Qtr.	157	157	5	356,765	571,884	486,600
3 Qtr.	147	163	6	416,620	543,711	250,678
4 Qtr.	167	141	9	431,858	687,161	479,984
2011 1 Qtr.	130	103	15	345,473	735,930	406,115
2 Qtr.	110	127	8	295,169	523,279	584,817
3 Qtr.	100	103	4	309,494	420,314	827,483
4 Qtr.	107	85	9	393,072	724,471	328,444
2012 1 Qtr.	100	89	9	335,668	583,079	283,363
2 Qtr.	119	105	18	363,502	605,844	488,300
3 Qtr.	101	94	6	502,834	477,568	392,500
4 Qtr.	197	132	6	368,416	654,680	1,380,419
2013 1 Qtr.	86	89	5	440,618	572,450	516,307
2 Qtr.	142	101	8	474,876	707,222	430,500
3 Qtr.	146	88	5	438,340	579,687	534,000
4 Qtr.	120	81	1	452,173	812,474	449,000
2014 1 Qtr.	128	83	3	422,617	624,751	823,000
2 Qtr.	161	87	6	445,134	1,147,125	653,667
3 Qtr.	146	68	2	434,081	705,667	272,000
4 Qtr.	168	76	1	614,476	1,103,416	275,000
2015 1 Qtr.	101	51	0	437,108	1,313,484	0
2 Qtr.	152	70	2	612,176	939,855	1,072,500
3 Qtr.	130	55	2	508,526	1,081,404	1,150,000
4 Qtr.	118	67	2	517,792	1,139,132	268,500
2016 1 Qtr.	117	69	2	449,664	1,043,227	372,467
2 Qtr.	107	69	4	615,141	1,022,365	1,497,875
3 Qtr.	144	78	2	507,530	700,247	1,375,000
4 Qtr.	125	69	2	463,347	819,399	1,750,000
2017 1 Qtr.	111	79	4	466,032	1,000,590	277,500
2 Qtr.	148	89	5	451,390	837,868	1,180,000
3 Qtr.	123	55	1	496,502	1,006,875	45,000
4 Qtr.	150	92	6	486,236	632,413	92,917
2018 1 Qtr.	145	103	2	549,304	799,415	1,150,000
2 Qtr.	181	137	4	545,397	878,521	1,510,250
3 Qtr.	190	126	2	612,028	875,967	716,250
4 Qtr.	187	95	4	592,930	1,235,017	1,018,750
2019 1 Qtr.	127	87	1	517,108	976,871	303,000
2 Qtr.	215	124	7	585,232	773,455	771,900
3 Qtr.	210	103	0	550,089	1,377,961	0
4 Qtr.	174	98	2	588,226	856,835	607,500
2020 1 Qtr.	139	73	0	590,930	1,172,315	0
2 Qtr.	122	53	0	576,255	710,325	0
3 Qtr.	139	73	1	673,363	1,022,566	2,625,000

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

Table G-36. HOME SALES BY ORIGIN OF BUYER - KAUAI -- Con.

Year	Number of homes purchased by			Average price of homes purchased by (in dollars)		
	Local buyers	Main-landers	Foreign buyers	Local buyers	Main-landers	Foreign buyers
	Percentage change from previous period					
2009	-14.1	9.0	-65.2	-15.4	-26.5	-28.4
2010	64.5	42.4	250.0	-0.8	-6.7	-21.9
2011	-25.7	-26.8	28.6	-16.9	0.6	6.9
2012	15.7	0.5	8.3	15.1	-0.6	19.1
2013	-4.4	-14.5	-51.3	16.9	13.4	-14.6
2014	22.1	-12.5	-36.8	7.1	35.5	24.8
2015	-16.9	-22.6	-50.0	8.8	22.4	38.2
2016	-1.6	17.3	66.7	-4.1	-19.5	56.4
2017	7.9	10.5	60.0	-6.2	-4.7	-63.4
2018	32.1	46.3	-25.0	21.5	10.1	142.6
2019	3.3	-10.6	-16.7	-2.3	5.8	-40.0
2009 1 Qtr.	-44.7	-38.2	0.0	-35.3	-24.3	-65.2
2 Qtr.	-26.1	-11.2	-80.0	-27.4	7.4	-68.2
3 Qtr.	-1.1	33.7	-87.5	-1.4	-41.3	104.7
4 Qtr.	20.6	65.9	0.0	13.9	-29.9	71.4
2010 1 Qtr.	107.9	74.6	166.7	13.4	-24.3	62.6
2 Qtr.	84.7	80.5	150.0	-10.9	-35.3	81.9
3 Qtr.	65.2	41.7	500.0	5.9	1.8	-84.2
4 Qtr.	29.5	3.7	350.0	-2.5	36.0	-34.1
2011 1 Qtr.	-0.8	-6.4	87.5	-16.6	34.7	-21.6
2 Qtr.	-29.9	-19.1	60.0	-17.3	-8.5	20.2
3 Qtr.	-32.0	-36.8	-33.3	-25.7	-22.7	230.1
4 Qtr.	-35.9	-39.7	0.0	-9.0	5.4	-31.6
2012 1 Qtr.	-23.1	-13.6	-40.0	-2.8	-20.8	-30.2
2 Qtr.	8.2	-17.3	125.0	23.2	15.8	-16.5
3 Qtr.	1.0	-8.7	50.0	62.5	13.6	-52.6
4 Qtr.	84.1	55.3	-33.3	-6.3	-9.6	320.3
2013 1 Qtr.	-14.0	0.0	-44.4	31.3	-1.8	82.2
2 Qtr.	19.3	-3.8	-55.6	30.6	16.7	-11.8
3 Qtr.	44.6	-6.4	-16.7	-12.8	21.4	36.1
4 Qtr.	-39.1	-38.6	-83.3	22.7	24.1	-67.5
2014 1 Qtr.	48.8	-6.7	-40.0	-4.1	9.1	59.4
2 Qtr.	13.4	-13.9	-25.0	-6.3	62.2	51.8
3 Qtr.	0.0	-22.7	-60.0	-1.0	21.7	-49.1
4 Qtr.	40.0	-6.2	0.0	35.9	35.8	-38.8
2015 1 Qtr.	-21.1	-38.6	(1/)	3.4	110.2	(1/)
2 Qtr.	-5.6	-19.5	-66.7	37.5	-18.1	64.1
3 Qtr.	-11.0	-19.1	0.0	17.2	53.2	322.8
4 Qtr.	-29.8	-11.8	100.0	-15.7	3.2	-2.4
2016 1 Qtr.	15.8	35.3	(1/)	2.9	-20.6	(1/)
2 Qtr.	-29.6	-1.4	100.0	0.5	8.8	39.7
3 Qtr.	10.8	41.8	0.0	-0.2	-35.2	19.6
4 Qtr.	5.9	3.0	0.0	-10.5	-28.1	551.8
2017 1 Qtr.	-5.1	14.5	100.0	3.6	-4.1	-25.5
2 Qtr.	38.3	29.0	25.0	-26.6	-18.0	-21.2
3 Qtr.	-14.6	-29.5	-50.0	-2.2	43.8	-96.7
4 Qtr.	20.0	33.3	200.0	4.9	-22.8	-94.7
2018 1 Qtr.	30.6	30.4	-50.0	17.9	-20.1	314.4
2 Qtr.	22.3	53.9	-20.0	20.8	4.9	28.0
3 Qtr.	54.5	129.1	100.0	23.3	-13.0	1,491.7
4 Qtr.	24.7	3.3	-33.3	21.9	95.3	996.4
2019 1 Qtr.	-12.4	-15.5	-50.0	-5.9	22.2	-73.7
2 Qtr.	18.8	-9.5	75.0	7.3	-12.0	-48.9
3 Qtr.	10.5	-18.3	(1/)	-10.1	57.3	(1/)
4 Qtr.	-7.0	3.2	-50.0	-0.8	-30.6	-40.4
2020 1 Qtr.	9.4	-16.1	(1/)	14.3	20.0	(1/)
2 Qtr.	-43.3	-57.3	(1/)	-1.5	-8.2	(1/)
3 Qtr.	-33.8	-29.1	(1/)	22.4	-25.8	(1/)

1/ Percentage change involving zero not meaningful.

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

III. TERMS AND DEFINITIONS

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

Agriculture Wage and Salary Jobs – Full- and part-time jobs based on a quarterly survey conducted by the U.S. National Agricultural Statistics Service.

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

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

Average Daily Visitor Census- By Air – Average number of visitors present daily in the state. Figures are computed monthly by the Hawaii Tourism Authority, Tourism Research based on arrival and departure dates from ground and in-flight surveys.

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

Bankruptcy Filings –

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

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

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

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

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

Chained (2012) dollar Gross Domestic Product by State (GDP) [Note: formerly called 'Gross State Product'] series are calculated (using national chain-type implicit price deflators) as the product of the chain-type quantity index and the 1996 current-dollar value of the corresponding series, divided by 100. Because the formula for the chain-type quantity indexes uses weights of more than one period, the corresponding chained-dollar estimates are usually not additive; that is, state totals usually do not add to regional totals or to U.S. totals, and regional totals usually do not add to U.S. totals.

Civilian Employment – Persons 16 years of age or older who, during the survey week containing the 12th of the month, were either at work for pay or profit, or worked without pay for 15 hours or more on a family farm or business, or were with a job but not at work. Both permanent and temporary employees

and those who are working either full- or part-time are included.

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

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

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

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

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

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

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

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

Educational Services Jobs – This industry comprises establishments that provide instruction and training by specialized establishments, such as schools, colleges, universities, and training centers. These establishments may be privately owned and operated for profit or not for profit, or they may be publicly owned and operated. They may also offer food and

accommodation services to their students. Educational services are usually delivered by teachers or instructors that explain, tell, demonstrate, supervise, and direct learning, in diverse settings, such as educational institutions, the workplace, or the home through correspondence, television, or other means.

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

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

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

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

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

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

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

Gross Domestic Product by State (GDP) [Note: formerly called 'Gross State Product'] – GDP is the value added in production by the labor and property located in a state. GDP for a state is derived as the sum of the GDP originating in all industries in the state. The estimates of real GDP are derived by applying national implicit price deflators by detailed industry to the current-dollar GDP estimates by detailed industry. Then, in order to capture the differences across states that reflect the relative differences in the mix of goods and services that the states produce, the same chain-type index formula

used in the national accounts is used to calculate the estimates of total real GDP and real GDP by major industry.

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

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

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

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

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

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

Local Government Jobs – Includes those in the county governments.

Manufacturing Jobs – Are in establishments engaged in the mechanical, physical, or chemical transformation of materials, substances, or components into new products. The assembling of component parts of manufactured products is considered manufacturing, except in cases where the activity is appropriately classified as construction. Included in manufacturing are plants, factories, or mills and characteristically use power-driven machines and materials-handling equipment. However, establishments that transform materials or substances into new products by hand or in the worker's home and those engaged in selling to the general public products made on the same premises from which they are sold, such as bakeries, candy stores, and custom tailors, may also be included in this sector. Manufacturing establishments may process materials or may contract with other establishments to process their materials for them.

Both types of establishments are included in manufacturing. The following activities are considered manufacturing in NAICS: milk or water bottling and pasteurizing; fresh fish packaging; printing and related activities; ready-mixed concrete production; ship repair and renovation; machine shops; and tire retreading. Conversely, there are activities that NAICS classifies as non-manufacturing, i.e. agriculture, forestry, fishing and hunting; the construction of structures and fabricating operations performed at the site of construction by contractors, establishments engaged in breaking of bulk and redistribution in smaller lots, including packaging, repackaging, or bottling products, customized assembly of computers, etc

NAICS – The North American Industry Classification System (NAICS) has replaced the U.S. Standard Industrial Classification (SIC) system. NAICS was developed jointly by the U.S., Canada, and Mexico to provide new comparability in statistics about business activity across North America. Estimates of Personal Income earnings, wage and salary disbursements, and employment by NAICS subsector are available starting with 2001. For descriptions of NAICS industries, please see http://www.census.gov/epcd/www/naics.html at the Census Bureau.

Natural Resources, Mining & Construction Jobs – In Hawaii, 99 percent of the jobs in this category are in Construction and the remaining 1 percent in Mining. Included are those establishments that extract naturally occurring mineral solids, such as coal and ores; liquid minerals, such as crude petroleum; and gases, such as natural gas. There are two activities: mine operation and mining support activities. The construction sector comprises establishments primarily engaged in the construction of buildings or engineering projects (e.g., highways and utility systems), additions, alterations, or maintenance and repairs. Establishments primarily engaged in the preparation of sites for new construction and establishments primarily engaged in subdividing land for sale as building sites also are included in this sector.

Net Earnings – BEA also calculates this measure as Earnings less Personal Contributions for Social Insurance. Net earnings is used in the presentation of State and local area personal income as the sum of net earnings, transfer payments, and personal dividend income, personal interest income, and rental income of persons. It can be used as a proxy for income before taxes. See Personal Income.

Net Individual or Corporation Income Tax Revenue – For individuals, it is calculated as declaration of estimated taxes plus payments with returns plus withholding tax on wages less refunds. Net corporate income tax revenue is calculated as declarations of estimated taxes plus payments with returns less refunds.

Non-Agriculture Wage and Salary Jobs – Derived monthly from a sample survey of employers reporting the number of persons who received pay for any part of the pay period containing the 12th of the month. Includes all full- and part-time non-agricultural workers, permanent and temporary workers, and workers on paid sick leave and paid vacation.

Other Goods and Services – Honolulu Consumer Price Index component detail. Prior to the CPI 1998 Revision, it measured the change in average prices of tobacco products, personal care goods and services, and personal and educational expenditures. Beginning with January 1998 data, this category includes tobacco, personal care, and miscellaneous goods and services. Other components, for example, schoolbooks and tuition, moved to the new "Education and Communication" and recreational reading to "Recreation". BLS' *Monthly Labor Review (*December 1996), and BLS' Internet site have more information about the CPI at http://www.bls.gov/cpi/.

Other Labor Income – See Employer Contributions to Social Insurance'.

Other Services (except public administration) Jobs – Are in establishments engaged in providing services not specifically provided for elsewhere in the classification system., such as equipment and machinery repairing, promoting or administering religious activities, grantmaking, advocacy, and providing drycleaning and laundry services, personal care services, death care services, pet care services, photofinishing services, temporary parking services, and dating services. Private households that engage in employing workers on or about the premises in activities primarily concerned with the operation of the household are included in this sector. Excluded from this sector are establishments primarily engaged in retailing new equipment and also performing repairs and general maintenance on equipment.

Personal Contributions for Social Insurance – See 'Contributions for government social insurance'.

Personal current transfer receipts – Modified category as part of the 'BEA Comprehensive Revision of the National Income & Product Accounts' released in December 1999. Formerly 'Transfer Payments'. This

component of personal income is payments to persons for which no current services are performed. It consists of payments to individuals and to nonprofit institutions by Federal, state, and local governments and by businesses. Government payments to individuals includes retirement and disability insurance benefits, medical payments (mainly Medicare and Medicaid), income maintenance benefits, unemployment insurance benefits, veterans benefits, and Federal grants and loans to students. Government payments to nonprofit institutions excludes payments by the Federal Government for work under research and development contracts. Business payments to persons consists primarily of liability payments for personal injury and of corporate gifts to nonprofit institutions.

Personal Income –Income received by persons for participation in production, from government and business transfer payments, and from government interest. It is calculated as the sum of wage & salary disbursements, supplements to wages and salaries, proprietors' income with inventory valuation and capital consumption adjustments, rental income of persons with capital consumption adjustment, personal dividend income, personal interest income, and personal current transfer receipts, less contributions for government social insurance. For additional information see https://www.bea.gov/data/economic-accounts/regional

Professional & Business Services Jobs – Are in establishments that specialize in performing professional, scientific, and technical activities for others and require a high degree of expertise and training. These activities include: legal advice and representation; accounting, bookkeeping, and payroll services; architectural, engineering, and specialized design services; computer services; consulting services; research services; advertising services; photographic services; translation and interpretation services; veterinary services; and other professional, scientific, and technical services to business and sometimes to households, but excludes establishments primarily engaged in providing a range of day-to-day office administrative services, such as financial planning, billing and recordkeeping, personnel, and physical distribution and logistics. The management sector comprises establishments that hold the securities of companies and enterprises for the purpose of owning a controlling interest or influencing management decisions or establishments that administer, oversee, and manage establishments of the company or enterprise and that normally undertake the strategic or organizational planning and decisionmaking role of the company or enterprise. Establishments in this sector perform essential activities that are often undertaken, in-house, by establishments in many sectors of the economy but by consolidating the performance of these activities, economies of scale are achieved. Also included are establishments that perform routine support activities, such as office administration, hiring and placing of personnel, document preparation and similar clerical services, solicitation, collection, security and surveillance services, cleaning, and waste disposal services on a contract or fee basis.

Proprietors' Income – This component of BEA Personal income is the current-production income (including income in kind) of sole proprietorships, partnerships and cooperatives. Corporate directors' fees and the imputed net rental income of owner-occupants of farm dwellings is included in proprietors' income but the imputed net rental income of owner-occupants of nonfarm dwellings is included in rental income of persons. Proprietors' income excludes dividends and monetary interest received by nonfinancial business and rental incomes by persons not primarily engaged in the real estate business; these incomes are included in dividends, net interest, and rental income of personas, respectively. See Personal Income.

Retail Tax Base – includes the general excise tax base on retailing. Retail sales include sales for consumption or use by the purchaser and not for resale. The general excise tax at the retail level (4%) is sometimes loosely called a sales tax. However, it differs from a typical sales tax in two respects: (1) it is a tax on the gross income of the seller rather than a tax on the purchase price of the buyer; (2) the retail excise tax in Hawaii applies to all retail sales (both goods and services) whereas most Mainland sales taxes exempt some commodities such as food and services.

Retail Trade Jobs – Are in establishments engaged in retailing merchandise, generally without transformation, and rendering services incidental to the sale of merchandise. The retailing process is the final step in the distribution of merchandise; retailers are, therefore, organized to sell merchandise in small quantities to the general public. This sector comprises two main types of retailers: store and nonstore retailers. Store retailers operate fixed point-of-sale locations, located and designed to attract a high volume of walk-in customers where they have extensive displays of merchandise and use mass-media advertising to attract customers from the general public for personal or household consumption, but some also serve business and institutional clients. These include establishments such as office supply stores, computer and software stores, building

materials dealers, plumbing supply stores, and electrical supply stores. Catalog showrooms, gasoline services stations, automotive dealers, and mobile home dealers are treated as store retailers. Generally, establishments engaged in retailing merchandise and providing after-sales services are classified in this sector. Nonstore retailers are also organized to serve the general public, but they reach customers and market merchandise with methods, such as the broadcasting of "infomercials," the broadcasting and publishing of direct-response advertising, the publishing of paper and electronic catalogs, door-to-door solicitation, in-home demonstration, selling from portable stalls (street vendors, except food), and distribution through vending machines.

Services Tax Base – includes tax base data on establishments primarily engaged in providing a wide variety of services for individuals, business and government establishments, and other organizations; hotels and other lodging places; establishments providing personal, business, repair, and amusement services; health, legal, engineering, and other professional services; educational institutions; membership organizations and other miscellaneous services.

Single Family Home Resales: Consists of resales of single family homes that are entered in the Multiple Listing Service.

State Government Jobs – Education includes all employees under the Department of Education (DOE) and the University of Hawaii System. This includes public library personnel, substitute teachers who received pay during the pay period including the 12th of the month, and support personnel such as cafeteria workers, classroom cleaners, and school security attendants. Also included are part-time employees in special programs such as the A+ After School.

State Government Jobs – Non-Education - Includes all other executive branch departments (i.e. Agriculture, Transportation, etc.), the legislative and judicial branches, and the Research Corporation of the University of Hawaii (RCUH).

Total Wage and Salary Jobs – includes nonagricultural wage and salary workers and agriculture wage and salary workers. Persons on the payroll of more than one establishment during the pay period are counted in each establishment that reports them.

Transfer Payments – See Personal current transfer receipts.

Transient Accommodations Tax – Tax levied on resort time-share vacation units and the furnishing of a room, apartment, suite which is customarily occupied by a person or group for fewer than 180 consecutive days by a hotel, apartment, motel, or cooperative apartment, rooming house, or other place in which lodgings are generally furnished to transients. The tax as of January 1, 1999 is imposed at the rate of 7.25 percent and the tax base includes time-share units.

Transportation, Warehousing, & Utilities Jobs – Are in industries providing transportation of passengers and cargo, warehousing and storage for goods, scenic and sightseeing transportation, and support activities related to modes of transportation - air, rail, water, road, and pipeline. The sector distinguishes subsectors for each mode of transportation, a subsector for warehousing and storage, and a subsector for establishments providing support activities for transportation. In addition, there are subsectors for establishments that provide passenger transportation for scenic and sightseeing purposes, postal services, and courier services. Warehousing establishments in this sector are distinguished from merchant wholesaling in that the warehouse establishments do not sell the goods. Excluded are establishments primarily engaged in providing travel agent services that support transportation and other establishments, such as hotels, businesses, and government agencies. The Utilities sector comprises establishments engaged in the provision of the following utility services: electric power, natural gas, steam supply, water supply, and sewage removal. Within this sector, the specific activities associated with the utility services provided vary by utility: electric power includes generation, transmission, and distribution; natural gas includes distribution; steam supply includes provision and/or distribution; water supply includes treatment and distribution; and sewage removal includes collection, treatment, and disposal of waste through sewer systems and sewage treatment facilities. Excluded from this sector are establishments primarily engaged in waste management services that do not use sewer systems or sewage treatment facilities.

Unallocated General Excise & Use Tax Revenues – General excise and use tax revenues that could not be allocated to specific activities of the general excise & use tax. It also includes collections from penalty and interest, assessments and corrections, delinquent collections, refunds, protested payments, settlements, etc.

Unemployment Rate – Ratio of unemployed persons to the civilian labor force expressed as a percentage.

Use Tax – Excise tax levied on tangible personal property that is imported or purchased from an unlicensed seller for use in the state. The tax is based upon the purchase price or value of the tangible personal property purchased or imported, whichever is applicable. Rates: 0.5 percent, if for resale at retail; 4.0 percent, if for use or consumption.

Visitor Arrivals- By Air, Total – All persons who stayed in Hawaii for a period between one night and one year.

Domestic Visitor Arrivals – Visitors who stayed in Hawaii for at least one night but less than one year, arriving on flights from Mainland U.S. A foreign resident arriving in Hawaii on a flight directly from the U.S. Mainland is counted as a domestic visitor.

International Visitor Arrivals – Visitors who stayed in Hawaii for at least one night but less than one year arriving on flights from foreign countries. An U.S. resident arriving in Hawaii on a flight directly from a foreign country is counted as an international visitor.

Visitor Days – Measures the number of days visitors stay in the State and are the most comprehensive measurement of visitations. Visitor days take into account both the number of visitors and their length of stay and is the main indicator used by most of the tourism-related businesses to plan their activities.

Wages and Salary Disbursements– This component of Personal Income consists of the monetary remuneration of employees, including the compensation of corporate officers; commissions, tips, and bonuses; and receipts in kind, or pay-in-kind, such as the meals furnished to the employees of restaurants. It reflects the amount of wages and salaries disbursed, but not necessarily, earned during the year. See Personal Income.

Wholesale Trade Jobs – Are in establishments engaged in wholesaling merchandise, generally without transformation, and rendering services incidental to the sale of merchandise and includes the outputs of agriculture, mining, manufacturing, and certain information industries, such as publishing. It is an intermediate step in the distribution of merchandise. Wholesalers are organized to sell or arrange the purchase or sale of goods for resale, capital or durable nonconsumer goods, and raw and intermediate materials and supplies used in production. Wholesalers sell merchandise to other businesses and normally operate from a warehouse or office that have little or no display f merchandise and do not solicit walk-in traffic. Transactions are often conducted between wholesalers and clients that have long-standing business relationships. There are two main types: merchant wholesalers that sell goods on their own account and business to business electronic markets, agents, and brokers that arrange sales and purchases for others generally for a commission or fee.