

QUARTERLY STATISTICAL & ECONOMIC REPORT, Executive Summary 4th Quarter 2020

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



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

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

This report has been catalogued as follows:

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

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

Quarterly.

Hawaii-Statistics.

HA4007.H359

STATE OF THE ECONOMY

Hawaii's major economic indicators were 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			YEAR-TO-DATE		
	2019	2020	% CHANGE YEAR AGO	2019	2020	% 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.

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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	24,800	-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.

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11/27/2020

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-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.

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-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		Ann Aver	YTD 2020
								Second Quarter 2019	First Quarter 2020	2019 from 2018	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'or 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.

**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	Transportation	Medical Care	Recreation 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	Transportation	Medical Care	Recreation 1/	Educ. & Comm. 1/	Other Goods & Services
Percentage Change from the Same Period in Previous Year										
1991	4.2	7.2	5.9	8.0	3.3	6.3	11.1	(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
	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>.

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 - 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-15. HOTEL OCCUPANCY RATE

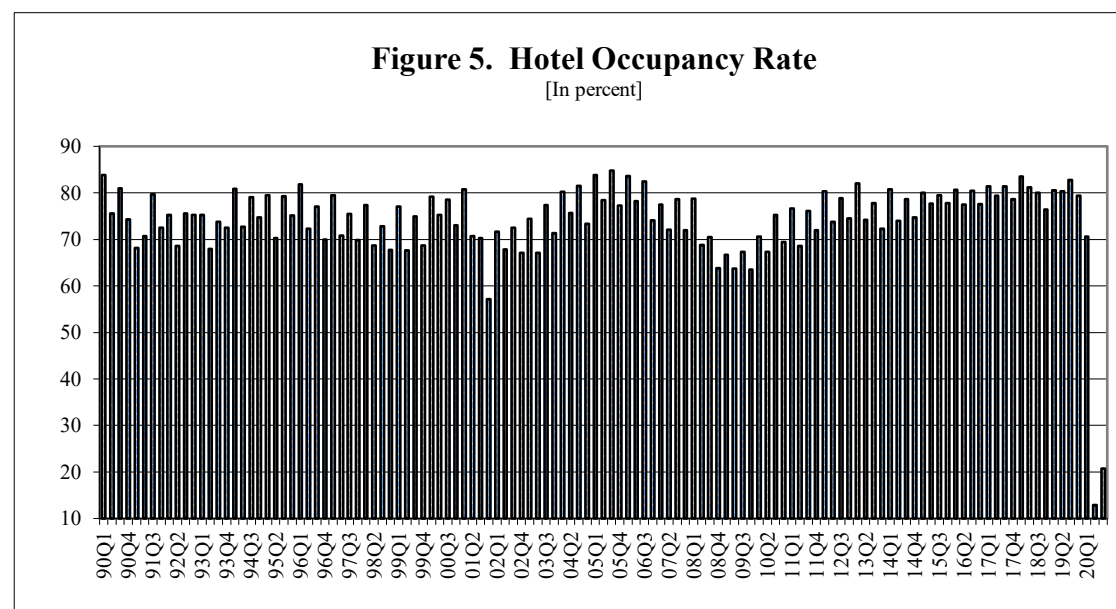
Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	Annual Average
In Percent					
1982	79.0	65.9	70.9	66.7	70.4
1983	75.2	68.1	71.7	66.5	69.7
1984	84.0	75.6	74.6	75.1	76.0
1985	88.1	69.1	75.0	72.5	76.1
1986	87.0	78.8	79.9	76.8	81.7
1987	88.0	77.1	82.1	77.8	81.1
1988	81.7	75.1	81.3	75.1	78.5
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, Economic Development & Tourism from PKF-Hawaii monthly averages through January 1995 and Hospitality Advisors LLC monthly averages from February 1995. The 1st quarter and Annual are as released or revised by source.

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

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
		Total Private Authorizations	Residential 4/	Commercial & Industrial 2/	Additions & Alterations	Contracts Awarded
In Millions of Dollars						
1982	1,294.9	683.1	299.2	242.9	141.1	391.6
1983	1,353.4	685.2	296.2	203.2	185.9	275.0
1984	1,242.9	581.5	327.7	104.0	149.9	388.7
1985	1,367.7	888.9	500.1	208.8	180.1	248.9
1986	1,808.0	1,025.2	455.5	267.4	302.3	422.7
1987	2,003.1	1,161.9	507.0	344.4	310.5	370.9
1988	2,487.6	1,546.5	689.2	541.2	316.1	665.0
1989	3,112.8	1,882.4	910.7	561.8	409.9	725.2
1990	4,003.7	2,101.8	952.3	698.0	451.5	825.5
1991	4,334.1	2,151.8	1,192.0	556.2	403.7	729.4
1992	4,012.7	1,751.9	811.1	532.3	408.5	1,159.1
1993	3,803.6	1,505.4	742.1	308.0	455.3	651.8
1994	3,322.3	1,612.9	849.3	370.3	393.4	693.0
1995	3,133.5	1,531.3	745.5	368.3	417.5	490.2
1996	3,285.1	1,117.8	487.0	252.8	378.0	885.5
1997	2,944.4	1,179.2	542.5	264.5	372.2	615.6
1998	3,016.0	1,054.3	485.5	205.6	363.2	685.1
1999	2,991.2	1,320.2	628.8	306.2	385.3	584.8
2000 3/	3,613.5	1,512.6	800.1	246.2	466.2	810.9
2001	3,766.4	1,585.7	882.4	329.1	374.2	715.7
2002 4/	4,275.0	1,772.0	1,112.9	254.2	404.9	768.3
2003 4/	4,536.3	2,361.2	1,345.1	507.5	508.6	633.4
2004 4/	4,921.5	2,726.5	1,767.7	303.3	655.6	1,384.6
2005 4/	6,024.0	3,492.0	2,259.3	433.5	799.1	725.1
2006 4/	7,223.3	3,770.1	1,811.8	732.0	1,226.2	853.8
2007 4/	8,072.9	3,585.4	1,855.4	703.9	1,026.2	869.5
2008 4/	7,987.1	2,906.6	1,381.6	427.1	1,097.9	952.8
2009 4/	6,641.7	1,998.9	799.2	284.8	914.9	778.6
2010 4/	5,589.8	1,980.3	779.0	377.5	823.8	1,057.6
2011 4/	5,837.4	1,858.8	687.9	285.9	884.9	430.7
2012 4/	7,006.1	2,643.8	837.2	271.1	1,535.5	772.9
2013 4/	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
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	228.8	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/ 4 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.

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

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

2/ Includes hotels.

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

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

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 specified.

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.

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

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

2/ Includes hotels.

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

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

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 specified.

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

F. OTHER INDICATORS

The total number of bankruptcy filings in Hawaii 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/bkrcpctystats/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)

