

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



QUARTERLY STATISTICAL & ECONOMIC REPORT,

Executive Summary

3rd Quarter 2020

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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 August 20, 2020.

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

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

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

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

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STATE OF THE ECONOMY

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

In the second quarter of 2020, the total number of visitors arriving by air to Hawaii decreased 2,576,293 or 98.8 percent. Due to longer lengths of stay, the daily visitor census decreased 96.2 percent in the quarter.

In the second quarter of 2020, jobs in the construction sector increased 0.8 percent or 300 jobs compared with the same quarter of 2019. The government contracts awarded increased from \$129.1 million in the second quarter of 2019 to \$582.4 million in the second quarter of 2020. In the second quarter of 2020, the permit value for private construction decreased \$115.8 million or 14.3 percent compared with the same quarter of 2019. According to the most recent excise tax base data available, current construction put-in-place increased \$118.4 million or 5.0 percent in the first quarter of 2020, compared with the same quarter of the previous year.

In the second quarter of 2020, State general fund tax revenues were down \$722.6 million or 34.4 percent over the same period of 2019. The net individual income tax revenues decreased \$359.7 million or 40.5 percent, the state general excise tax revenue decreased \$221.3 million or 24.6 percent, and the transient accommodations tax (TAT) decreased \$103.3 million or 68.6 percent. In the first half of 2020, State general fund tax revenues decreased \$619.7 million or 16.4 percent, and state general excise tax revenue decreased \$166.4 million or 9.2 percent, compared to the same period of the previous year.

Labor market conditions were all negative. In the second quarter of 2020, Hawaii's non-agricultural wage and salary jobs averaged 535,200 jobs, a decrease of 118,400 jobs or 18.1 percent from the same quarter of 2019.

In this quarter, the private sector lost about 106,300 non-agricultural jobs compared to the second quarter of 2019. The largest decrease was in Food Services and Drinking Places, which lost 35,400 jobs or 50.7 percent. This was followed by Accommodation, which lost 25,800 jobs or 60.8 percent, Transportation, Warehousing & Utilities, which lost 8,500 jobs or 25.1

percent, Retail Trade, which lost 7,300 jobs or 10.3 percent, Professional & Business Services, which lost 7,100 jobs or 9.7 percent, and Arts, Entertainment & Recreation, which lost 6,600 jobs or 47.8 percent in the quarter. For the private sector, in the second quarter of 2020, only Natural Resources, Mining & Construction, added 300 jobs or 0.8 percent in the quarter. The Government sector lost 12,100 jobs or 9.5 percent in the second quarter of 2020 compared to the same quarter of 2019. The Federal Government added 100 jobs or 0.3 percent, the State Government lost 11,700 jobs or 15.6 percent, and the Local Government lost 400 jobs or 2.1 percent, compared to the second quarter of 2019.

In the first quarter of 2020, total annualized nominal GDP increased \$995 million or 1.0 percent from the first quarter of 2019. In 2019, total annualized nominal GDP increased \$3,484 million or 3.7 percent from the previous year. In the first quarter of 2020, total annualized real GDP (in chained 2012 dollars) decreased \$1,081 million or 1.3 percent from the first quarter of 2019. In 2019, total annualized real GDP increased \$858 million or 1.0 percent from the previous year.

In the first quarter of 2020, total non-farm private sector annualized earnings increased \$186.6 million or 0.5 percent from the first quarter of 2019. In dollar terms, the largest increase occurred in health care and social assistance; followed by finance and insurance, administrative & waste management services, retail trade, and transportation and warehousing. During the first quarter of 2020, total government earnings increased \$352.7 million or 2.2 percent from the same quarter of 2019. Earnings from the federal government increased \$312.3 million or 3.5 percent. Earnings from the state and local governments increased \$40.5 million or 0.8 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	2nd QUARTER			YEAR-TO-DATE		
	2019	2020	% CHANGE YEAR AGO	2019	2020	% CHANGE YEAR AGO
Civilian labor force, NSA (persons) 1/	663,150	624,600	-5.8	664,600	647,350	-2.6
Civilian employed, NSA	644,400	496,350	-23.0	646,050	574,500	-11.1
Civilian unemployed, NSA	18,800	128,250	582.2	18,550	72,850	292.7
Unemployment rate, NSA (%) 1/ 2/	2.8	20.5	17.7	2.8	11.5	8.7
Total wage and salary jobs, NSA	658,600	539,200	-18.1	660,550	600,750	-9.1
Total non-agric. wage & salary jobs	653,600	535,200	-18.1	655,500	596,300	-9.0
Nat. Resources, Mining, Constr.	37,000	37,300	0.8	36,900	37,400	1.4
Manufacturing	14,000	11,300	-19.3	14,100	12,600	-10.6
Wholesale Trade	18,200	15,800	-13.2	18,300	16,900	-7.7
Retail Trade	70,600	63,300	-10.3	71,100	66,700	-6.2
Transp., Warehousing, Util.	33,800	25,300	-25.1	33,900	29,900	-11.8
Information	8,200	7,500	-8.5	8,700	7,900	-9.2
Financial Activities	29,900	27,500	-8.0	29,800	28,500	-4.4
Professional & Business Services	73,100	66,000	-9.7	73,700	70,200	-4.7
Educational Services	14,100	11,600	-17.7	14,300	13,000	-9.1
Health Care & Social Assistance	72,300	70,900	-1.9	72,500	72,100	-0.6
Arts, Entertainment & Recreation	13,800	7,200	-47.8	13,800	10,400	-24.6
Accommodation	42,400	16,600	-60.8	42,500	29,700	-30.1
Food Services & Drinking Places	69,800	34,400	-50.7	69,900	52,500	-24.9
Other Services	28,400	24,600	-13.4	28,400	26,300	-7.4
Government	128,000	115,900	-9.5	127,700	122,100	-4.4
Federal	33,900	34,000	0.3	34,000	34,300	0.9
State	75,000	63,300	-15.6	74,800	69,100	-7.6
Local	19,000	18,600	-2.1	18,900	18,700	-1.1
Agriculture wage and salary jobs	5,000	4,000	-20.0	5,000	4,500	-10.0
State general fund revenues (\$1,000)	2,100,839	1,378,238	-34.4	3,789,027	3,169,285	-16.4
General excise and use tax revenues	898,376	677,077	-24.6	1,814,731	1,648,350	-9.2
Income-individual	887,762	528,080	-40.5	1,412,013	1,088,136	-22.9
Declaration estimated taxes	397,455	146,291	-63.2	537,845	346,548	-35.6
Payment with returns	165,974	72,013	-56.6	204,805	113,920	-44.4
Withholding tax on wages	524,730	479,038	-8.7	1,071,995	1,050,570	-2.0
Refunds ('-' indicates relative to State)	-200,398	-169,182	-15.6	-402,632	-422,821	5.0
Transient accommodations tax	150,535	47,225	-68.6	317,690	244,370	-23.1
Honolulu County Surcharge 3/	77,835	(NA)	(NA)	155,863	(NA)	(NA)
Private Building Permits (\$1,000)	808,957	693,130	-14.3	1,569,983	1,477,923	-5.9
Residential	323,215	310,584	-3.9	633,147	539,237	-14.8
Commercial & industrial	66,470	133,758	101.2	112,645	254,223	125.7
Additions & alterations	419,272	248,788	-40.7	824,191	684,464	-17.0
Visitor Days - by air	22,255,007	838,075	-96.2	44,891,780	20,260,480	-54.9
Domestic visitor days - by air	17,120,784	829,162	-95.2	33,146,658	15,196,136	-54.2
International visitor days - by air	5,134,223	8,913	-99.8	11,745,122	5,064,344	-56.9
Visitor arrivals by air - by air	2,607,041	30,748	-98.8	5,094,146	2,126,443	-58.3
Domestic flight visitors - by air	1,915,973	29,887	-98.4	3,597,993	1,513,303	-57.9
International flight visitors - by air	691,068	861	-99.9	1,496,153	613,140	-59.0
Visitor expend. - arrivals by air (\$1,000)	4,347,732	(NA)	(NA)	8,828,796	(NA)	(NA)
Hotel occupancy rates (%) 2/	80.3	12.9	-67.4	80.5	49.7	-30.8

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.

8/28/2020

OUTLOOK FOR THE ECONOMY

Hawaii's economy has been greatly impacted by the COVID-19 pandemic. During the April-July 2020 period, the average unemployment rate (not seasonally adjusted) was 18.5 percent. Hawaii lost 115,000 non-agriculture payroll jobs during the April-July period as compared with the same period a year ago. All industry sectors lost jobs except construction and federal civilian jobs. The leisure and hospitality sector accounted for 58.7 percent of the total job loss at 67,500. Natural resource, mining, & construction sector gained 0.5 percent or 200 jobs, federal civilian job count was flat during this period. Overall, statewide non-agriculture payroll jobs decreased by 17.7 percent in the second quarter of 2020.

Hawaii initial unemployment claims started to rise mid-March and peaked at 53,112 during the first week of April and then gradually declined. During the second week of August, initial unemployment claims were still above 5,000 per week. During 2012-2019 period, the weekly initial unemployment claims averaged 1,442 per week.

Visitor arrivals to the State during the second quarter of 2020 totaled 30,748, a decrease of 98.8 percent from the same quarter in 2019. However, these visitors stayed longer in Hawaii with average length of stay at 27.3 days. In 2019 the average length of stay was 8.8 days.

Value of private building permits showed a decrease of 14.3 percent during the second quarter of 2020. The largest decrease occurred in the additions and alterations category which was down by 40.7 percent. Value of residential building permits was down by 3.9 percent and the value for commercial and industrial category was up by 101.2 percent during the same period. Though the value of private building permits was down, state government spending on capital investment projects (CIP) was up by 10.7 percent during the same time period. State government spent an average of nearly \$1.5 billion a year on CIP projects during the last three years (2017-2019).

As of August 25, 2020, federal funds allocated to Hawaii totaled \$8.4 billion. Most of these federal funds has been or will be received as household income and will be spent by Hawaii households. These funds helped mitigate the economic impact from COVID-19.

At the national level, the U.S. economic growth rate was at 0.3 percent during the first quarter and declined by 9.1 percent in the second quarter, as compared to the same quarter

in 2019. The Blue Chip Economic Indicators report from Aug. 10, 2020, which is the consensus of 50 economic forecasting organizations, projected that the U.S. economic growth rate for 2020 will decrease by 5.2 percent. The report projected a positive 3.8 percent U.S. economic growth for 2021. The Blue Chip forecasts for foreign countries were all negative except China and India which showed small growth.

Based on the above development, and the delayed pre-test program for transpacific travel coupled with the August 25th two-week Stay-at-Home, Work-from-Home Order for Oahu, DBEDT projects that Hawaii's economic growth rate, as measured by the real gross domestic product (GDP), will drop by 12.3 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 2.9 million visitors in 2020, a decrease of 71.9 percent from the 2019 level. Visitor arrivals will increase to 7.2 million in 2021, 8.3 million in 2022, and 9.4 million in 2023. Visitor spending will decrease 67.8 percent in 2020, then will increase 109.1 percent in 2021, 18.8 percent in 2022, and 14.7 percent in 2023.

Non-agriculture payroll jobs will shrink by 12.1 percent in 2020, then will increase by 8.5 percent in 2021, 2.0 percent in 2022, and 1.5 percent in 2023.

Overall for 2020, the average annual unemployment rate will be at 10.9 percent, then decrease to 7.2 percent in 2021, 6.6 percent in 2022, and 6.3 percent in 2023. These rates are much higher than the average Hawaii unemployment rate of 2.5 percent 2017 to 2019.

Nominal personal income is expected to decrease by 12.1 percent in 2020, then will increase by 5.3 percent in 2021 and 3.9 percent in 2022. Nominal personal income growth rate will be at 3.0 percent in 2023.

Hawaii's consumer inflation rate, as measured by the Honolulu Consumer Price Index for All Urban Consumers, will increase at rates between 1.4 to 1.8 for the next few years.

Hawaii's population is expected to be unchanged in 2020 and increase only by 0.1 percent in 2021, and 0.3 percent each year thereafter. Though international migration (usually net in-migration) may be halted in 2020, domestic migration (usually net out-migration) is likely to be on hold as well in 2020.

**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	1,416	1,417	1,421	1,425
Visitor arrivals (thousands) 1/	9,889	10,387	2,922	7,242	8,309	9,362
Visitor days (thousands) 1/	88,285	90,892	30,035	62,962	72,135	81,155
Visitor expenditures (million dollars) 1/	17,643	17,844	5,742	12,005	14,267	16,372
Honolulu CPI-U (1982-84=100)	277.1	281.6	285.5	289.8	294.8	300.1
Personal income (million dollars)	78,721	81,442	71,551	75,375	78,298	80,666
Real personal income (millions of 2012\$) 2/	61,931	62,935	54,678	56,915	58,325	59,229
Non-agricultural wage & salary jobs (thousands)	658.3	655.7	576.3	625.2	637.9	647.3
Civilian unemployment rate 3/	2.4	2.7	10.9	7.2	6.6	6.3
Gross domestic product (million dollars)	93,798	97,282	86,479	89,922	93,326	96,092
Real gross domestic product (millions of 2012\$)	82,652	83,509	73,208	74,779	76,266	77,183
Gross domestic product deflator (2012=100)	113.5	116.5	118.1	120.3	122.4	124.5
Annual Percentage Change						
Total population	-0.3	-0.4	0.0	0.1	0.3	0.3
Visitor arrivals 1/	5.2	5.0	-71.9	147.9	14.7	12.7
Visitor days 1/	4.9	3.0	-67.0	109.6	14.6	12.5
Visitor expenditures 1/	5.1	1.1	-67.8	109.1	18.8	14.7
Honolulu CPI-U	1.9	1.6	1.4	1.5	1.7	1.8
Personal income	4.0	3.5	-12.1	5.3	3.9	3.0
Real personal income 2/	2.3	1.6	-13.1	4.1	2.5	1.6
Non-agricultural wage & salary jobs	0.5	-0.4	-12.1	8.5	2.0	1.5
Civilian unemployment rate 3/	0.1	0.3	8.2	-3.8	-0.6	-0.3
Gross domestic product	4.9	3.7	-11.1	4.0	3.8	3.0
Real gross domestic product	2.4	1.0	-12.3	2.1	2.0	1.2
Gross domestic product deflator (2012=100)	2.4	2.6	1.4	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, August 26, 2020.

COUNTY ECONOMIC CONDITIONS

Overall economic conditions were mostly negative across the counties in the second 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 decreased in Honolulu but increased in all other counties.

In the second quarter of 2020, the unemployment rate in Honolulu increased 15.2 percentage points from 2.7 percent to 17.9 percent; the unemployment rate in Maui County increased 27.7 percentage points from 2.7 percent to 30.4 percent; the unemployment rate in Hawaii County increased 16.2 percentage points from 3.6 percent to 19.8 percent; and the unemployment rate in Kauai County increased 25.5 percentage points from 2.7 percent to 28.2 percent.

In the second quarter of 2020, Honolulu lost 77,400 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 25,200 jobs or 52.7 percent. This was followed by Accommodation which lost 11,500 jobs or 60.2 percent, Transportation, Warehousing & Utilities which lost 5,700 jobs or 23.7 percent, Professional & Business Services which lost 5,600 jobs or 9.9 percent, Retail Trade which lost 4,200 jobs or 8.9 percent, and Arts, Entertainment & Recreation which lost 3,800 jobs or 44.2 percent in the quarter. For the private sector, in the second quarter of 2020, only Natural Resources, Mining & Construction, added 800 jobs or 3.0 percent. The Government sector lost 9,400 jobs or 9.5 percent in the quarter.

In the second quarter of 2020, Hawaii County lost 11,600 or 16.5 percent of non-agricultural wage and salary jobs over the same quarter of 2019. Jobs decreased the most in Accommodation, which lost 3,000 jobs or 51.7 percent. This was followed by Food Services and Drinking Places which lost 2,400 jobs or 34.8 percent, Retail Trade which lost 1,400 jobs or 14.6 percent, Transportation, Warehousing & Utilities which lost 1,300 jobs or 37.1 percent, and Arts, Entertainment & Recreation which lost 500 jobs or

29.4 percent in the quarter. The Government sector lost 1,400 jobs or 9.2 percent in the quarter.

Maui County lost 22,000 jobs or a 27.5 percent decrease in the second quarter of 2020 over the same quarter of 2019. Jobs decreased the most in Accommodation which lost 8,200 jobs or 63.6 percent. This was followed by Food Services and Drinking Places which lost 5,900 jobs or 56.7 percent, Arts, Entertainment & Recreation which lost 2,000 jobs or 87.0 percent, Transportation, Warehousing & Utilities which lost 1,200 jobs or 26.1 percent, Professional & Business Services which lost 900 jobs or 12.5 percent, and Retail Trade which lost 800 jobs or 8.2 percent in the quarter. The Government sector lost 1,000 jobs or 10.8 percent in the quarter.

Kauai County lost 8,200 jobs or a 24.7 percent decrease in the second quarter of 2020 over the same quarter of 2019. Jobs decreased most in Accommodation which lost 3,300 jobs or 70.2 percent. Food Services and Drinking Places lost 1,900 jobs or 41.3 percent, Retail Trade lost 700 jobs or 17.5 percent, Transportation, Warehousing & Utilities which lost 500 jobs or 29.4 percent, and Professional & Business Services which lost 400 jobs or 12.9 percent in the quarter. The Government sector lost 400 jobs or 7.7 percent in the quarter.

In the second quarter of 2020, visitor arrivals by air decreased in all counties. Visitor arrivals by air decreased 98.6 percent in Honolulu, 99.5 percent in Maui, 98.9 percent in Hawaii County, and 99.5 percent in Kauai compared to the same quarter of 2019.

In the second quarter of 2020, private building permits decreased in Honolulu but increased in all other counties. In the second quarter of 2020, private building permits decreased \$169.1 million or 32.2 percent in Honolulu, increased \$1.1 million or 0.8 percent in Maui, increased \$45.9 million or 38.0 percent in Hawaii County, and increased \$6.2 million or 20.5 percent in Kauai (only residential available) from the same quarter of the previous year.

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

SERIES	2nd QUARTER			YEAR-TO-DATE		
	2019	2020	% CHANGE YEAR AGO	2019	2020	% CHANGE YEAR AGO
Civilian labor force, NSA (persons) 1/	448,900	416,850	-7.1	450,600	435,750	-3.3
Civilian employed	436,700	342,000	-21.7	438,650	392,700	-10.5
Civilian unemployed	12,200	74,850	513.5	12,000	43,050	258.8
Unemployment rate, NSA (%) 1/ 2/	2.7	17.9	15.2	2.7	10.2	7.5
Total wage and salary jobs	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Total non-agric. wage & salary jobs	470,400	393,000	-16.5	471,600	432,800	-8.2
Nat. Resources, Mining, Constr.	26,800	27,600	3.0	26,800	27,600	3.0
Manufacturing	10,900	8,700	-20.2	11,000	9,800	-10.9
Wholesale Trade	14,400	12,100	-16.0	14,400	13,100	-9.0
Retail Trade	47,100	42,900	-8.9	47,500	44,700	-5.9
Transp., Warehousing, Util.	24,100	18,400	-23.7	24,100	21,600	-10.4
Information	6,900	6,300	-8.7	7,400	6,700	-9.5
Financial Activities	23,000	21,300	-7.4	22,900	21,900	-4.4
Professional & Business Services	56,500	50,900	-9.9	57,000	54,100	-5.1
Educational Services	11,400	9,300	-18.4	11,500	10,400	-9.6
Health Care & Social Assistance	53,600	52,800	-1.5	53,700	53,600	-0.2
Arts, Entertainment & Recreation	8,600	4,800	-44.2	8,600	6,600	-23.3
Accommodation	19,100	7,600	-60.2	19,100	13,400	-29.8
Food Services & Drinking Places	47,800	22,600	-52.7	47,900	35,600	-25.7
Other Services	21,700	18,700	-13.8	21,700	20,100	-7.4
Government	98,500	89,100	-9.5	98,200	93,700	-4.6
Federal	31,400	31,500	0.3	31,400	31,700	1.0
State	54,700	45,700	-16.5	54,600	50,000	-8.4
Local	12,400	11,900	-4.0	12,200	12,000	-1.6
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)	525,065	356,013	-32.2	1,049,212	794,646	-24.3
Residential	141,610	116,011	-18.1	306,012	188,010	-38.6
Commercial & industrial	24,551	56,870	131.6	45,535	71,444	56.9
Additions & alterations	358,904	183,132	-49.0	697,665	535,192	-23.3
Visitor Days - by air	10,542,300	551,403	-94.8	20,679,990	9,146,014	-55.8
Domestic visitor days - by air	6,503,020	542,539	-91.7	12,346,942	5,766,899	-53.3
International visitor days - by air	4,039,280	8,863	-99.8	8,333,048	3,379,115	-59.4
Visitor arrivals by air - by air	1,558,205	22,133	-98.6	3,025,236	1,245,145	-58.8
Domestic flight visitors - by air	931,694	21,287	-97.7	1,729,888	733,839	-57.6
International flight visitors - by air	626,511	846	-99.9	1,295,348	511,306	-60.5
Visitor expenditures - by air (\$1,000)	2,042,498	(NA)	(NA)	4,024,579	(NA)	(NA)
Hotel occupancy rates 2/	83.6	12.2	-71.4	83.3	50.3	-33.0

NA Not available.

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

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

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

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

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

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

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

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Table 3. 2020 QUARTERLY ECONOMIC INDICATORS: HAWAII COUNTY

SERIES	2ndQUARTER			YEAR-TO-DATE		
	2019	2020	% CHANGE YEAR AGO	2019	2020	% CHANGE YEAR AGO
Civilian labor force, NSA (persons) 1/	91,250	87,100	-4.5	90,900	89,400	-1.7
Civilian employed	87,950	70,200	-20.2	87,700	79,450	-9.4
Civilian unemployed	3,300	17,300	424.2	3,200	10,150	217.2
Unemployment rate, NSA (%) 1/ 2/	3.6	19.8	16.2	3.5	11.5	8.0
Total wage and salary jobs	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Total non-agric. wage & salary jobs	70,400	58,800	-16.5	70,700	65,100	-7.9
Nat. Resources, Mining, Constr.	3,800	3,600	-5.3	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	1,800	0.0
Retail Trade	9,600	8,200	-14.6	9,700	8,900	-8.2
Transp., Warehousing, Util.	3,500	2,200	-37.1	3,500	2,800	-20.0
Information	600	500	-16.7	600	600	0.0
Financial Activities	2,600	2,300	-11.5	2,700	2,500	-7.4
Professional & Business Services	6,400	6,100	-4.7	6,400	6,400	0.0
Educational Services	1,300	1,200	-7.7	1,300	1,300	0.0
Health Care & Social Assistance	7,800	7,600	-2.6	7,800	7,700	-1.3
Arts, Entertainment & Recreation	1,700	1,200	-29.4	1,600	1,500	-6.3
Accommodation	5,800	2,800	-51.7	5,800	4,500	-22.4
Food Services & Drinking Places	6,900	4,500	-34.8	6,900	5,800	-15.9
Other Services	2,100	2,100	0.0	2,200	2,100	-4.5
Government	15,200	13,800	-9.2	15,200	14,600	-3.9
Federal	1,300	1,200	-7.7	1,300	1,300	0.0
State	11,200	9,800	-12.5	11,200	10,600	-5.4
Local	2,700	2,800	3.7	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)	121,073	167,021	38.0	246,370	332,263	34.9
Residential	67,833	81,810	20.6	133,677	171,917	28.6
Commercial & industrial	21,975	50,992	132.0	36,434	80,666	121.4
Additions & alterations	31,266	34,219	9.4	76,259	79,680	4.5
Visitor Days - by air	3,001,375	132,103	-95.6	6,544,208	3,401,148	-48.0
Domestic visitor days - by air	2,649,194	132,083	-95.0	5,543,368	2,825,996	-49.0
International visitor days - by air	352,180	20	-100.0	1,000,840	575,152	-42.5
Visitor arrivals by air - by air	433,485	4,579	-98.9	880,361	394,717	-55.2
Domestic flight visitors - by air	347,218	4,574	-98.7	678,626	304,813	-55.1
International flight visitors - by air	86,266	5	-100.0	201,735	89,903	-55.4
Visitor expenditures - by air (\$1,000)	509,080	(NA)	(NA)	1,155,480	(NA)	(NA)
Hotel occupancy rates 2/	74.9	19.5	-55.4	76.9	50.2	-26.7

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.

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

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

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Table 4. 2020 QUARTERLY ECONOMIC INDICATORS: MAUI COUNTY

SERIES	2nd QUARTER			YEAR-TO-DATE		
	2019	2020	% CHANGE YEAR AGO	2019	2020	% CHANGE YEAR AGO
Civilian labor force, NSA (persons) 1/	86,500	84,500	-2.3	86,700	85,750	-1.1
Civilian employed	84,150	58,650	-30.3	84,350	71,750	-14.9
Civilian unemployed	2,300	25,900	1,026.1	2,350	14,050	497.9
Unemployment rate, NSA (%) 1/ 2/	2.7	30.4	27.7	2.7	16.5	13.8
Total wage and salary jobs	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Total non-agric. wage & salary jobs	79,900	57,900	-27.5	80,200	68,900	-14.1
Nat. Resources, Mining, Constr.	4,300	4,100	-4.7	4,200	4,100	-2.4
Manufacturing	1,200	1,100	-8.3	1,200	1,100	-8.3
Wholesale Trade	1,600	1,500	-6.3	1,600	1,600	0.0
Retail Trade	9,800	9,000	-8.2	9,900	9,500	-4.0
Transp., Warehousing, Util.	4,600	3,400	-26.1	4,600	4,100	-10.9
Information	600	400	-33.3	600	500	-16.7
Financial Activities	3,100	2,900	-6.5	3,100	3,000	-3.2
Professional & Business Services	7,200	6,300	-12.5	7,300	6,800	-6.8
Educational Services	1,200	1,000	-16.7	1,200	1,100	-8.3
Health Care & Social Assistance	8,000	7,700	-3.8	8,100	8,000	-1.2
Arts, Entertainment & Recreation	2,300	300	-87.0	2,300	1,200	-47.8
Accommodation	12,900	4,700	-63.6	12,900	8,800	-31.8
Food Services & Drinking Places	10,400	4,500	-56.7	10,500	7,500	-28.6
Other Services	3,400	2,700	-20.6	3,400	3,000	-11.8
Government	9,300	8,300	-10.8	9,300	8,800	-5.4
Federal	900	800	-11.1	900	900	0.0
State	5,700	4,900	-14.0	5,700	5,300	-7.0
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)	132,538	133,619	0.8	213,621	279,264	30.7
Residential	83,492	76,287	-8.6	132,677	107,560	-18.9
Commercial & industrial	19,944	25,896	29.8	30,675	102,113	232.9
Additions & alterations	29,102	31,437	8.0	50,268	69,591	38.4
Visitor Days - by air	6,175,191	101,464	-98.4	12,522,352	5,454,077	-56.4
Domestic visitor days - by air	5,557,017	101,434	-98.2	10,596,355	4,570,766	-56.9
International visitor days - by air	618,174	30	-100.0	1,925,996	883,311	-54.1
Visitor arrivals by air - by air	807,482	3,787	-99.5	1,548,226	618,482	-60.1
Domestic flight visitors - by air	707,492	3,772	-99.5	1,293,743	520,133	-59.8
International flight visitors - by air	99,990	15	-100.0	254,483	98,349	-61.4
Visitor expenditures - by air (\$1,000)	1,314,434	(NA)	(NA)	2,685,089	(NA)	(NA)
Hotel occupancy rates 2/	78.6	10.3	-68.3	78.5	49.2	-29.3

NA Not available.

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

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

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

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

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

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Table 5. 2020 QUARTERLY ECONOMIC INDICATORS: KAUAI COUNTY

SERIES	2nd QUARTER			YEAR-TO-DATE		
	2019	2020	% CHANGE YEAR AGO	2019	2020	% CHANGE YEAR AGO
Civilian labor force, NSA (persons) 1/	36,550	36,150	-1.1	36,350	36,400	0.1
Civilian employed	35,550	25,850	-27.3	35,400	30,750	-13.1
Civilian unemployed	1,000	10,300	930.0	1,000	5,650	465.0
Unemployment rate, NSA (%) 1/ 2/	2.7	28	25.5	2.8	15.5	12.7
Total wage and salary jobs	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Total non-agric. wage & salary jobs	33,200	25,000	-24.7	33,100	29,100	-12.1
Nat. Resources, Mining, Constr.	2,100	2,000	-4.8	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	4,000	3,300	-17.5	4,000	3,600	-10.0
Transp., Warehousing, Util.	1,700	1,200	-29.4	1,600	1,400	-12.5
Information	200	200	0.0	200	200	0.0
Financial Activities	1,200	1,000	-16.7	1,200	1,100	-8.3
Professional & Business Services	3,100	2,700	-12.9	3,100	2,900	-6.5
Educational Services	200	200	0.0	200	300	50.0
Health Care & Social Assistance	2,900	2,700	-6.9	2,900	2,800	-3.4
Arts, Entertainment & Recreation	1,200	900	-25.0	1,200	1,100	-8.3
Accommodation	4,700	1,400	-70.2	4,700	3,000	-36.2
Food Services & Drinking Places	4,600	2,700	-41.3	4,600	3,700	-19.6
Other Services	1,100	1,100	0.0	1,100	1,100	0.0
Government	5,200	4,800	-7.7	5,200	5,000	-3.8
Federal	600	500	-16.7	500	600	20.0
State	3,300	3,000	-9.1	3,300	3,100	-6.1
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)	30,280	36,476	20.5	60,780	71,749	18.0
Residential	30,280	36,476	20.5	60,780	71,749	18.0
Commercial & industrial	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Additions & alterations	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Visitor Days - by air	2,536,142	53,106	-97.9	5,145,231	2,259,241	-56.1
Domestic visitor days - by air	2,411,552	53,106	-97.8	4,659,993	2,032,475	-56.4
International visitor days - by air	124,589	0	-100.0	485,238	226,766	-53.3
Visitor arrivals by air - by air	353,076	1,932	-99.5	686,539	283,612	-58.7
Domestic flight visitors - by air	321,731	1,932	-99.4	600,755	248,533	-58.6
International flight visitors - by air	31,346	0	-100.0	85,784	35,079	-59.1
Visitor expenditures - by air (\$1,000)	481,720	(NA)	(NA)	963,648	(NA)	(NA)
Hotel occupancy rates 2/	70.7	13.8	-56.9	72.1	46.1	-26.0

NA Not available.

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A. LABOR FORCE AND JOBS

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

In the second quarter of 2020, the civilian labor force averaged 624,600 people, a decrease of 38,550 people or 5.8 percent from the same quarter of 2019 (Table A-1). In the first half of 2020, the civilian labor force declined by 17,250 people or 2.6 percent from the same period of the previous year.

Civilian employment totaled 496,350 people in the second quarter of 2020, a decrease of 148,050 people or 23.0 percent compared to the same quarter of 2019 (Table A-2). In the first half of 2020, average civilian employment decreased 71,550 people or 11.1 percent from the same period of the previous year.

In the second quarter of 2020, the number of civilian unemployed averaged 128,250, an increase of 109,450 people or 582.2 percent from the same quarter of 2019 (Table A-3). In the first half of 2020, the number of unemployed increased 54,300 people or 292.7 percent from the same period of the previous year.

The unemployment rate (not seasonally adjusted) was 20.5 percent in the second quarter of 2020, 17.7 percentage points above the second quarter of 2019 (Table A-4). In the first half of 2020, the unemployment rate increased 8.7 percentage points from the same period of the previous year to 11.5 percent.

In the second quarter of 2020, Hawaii's non-agricultural wage and salary jobs averaged 535,200 jobs, a decrease of 118,400 jobs or 18.1 percent from the same quarter of 2019 (Table A-6). In the first half of 2020, average non-agricultural wage and salary jobs decreased 9.0 percent or 59,200 jobs from the same period of the previous year.

The job decrease in the second 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 106,300 non-agricultural jobs compared to the second quarter of 2019. Jobs decreased the most in Food Services and Drinking Places, which lost 35,400 jobs or 50.7 percent (Table A-19); followed by Accommodation, which lost 25,800 jobs or 60.8 percent (Table A-18), Transportation, Warehousing & Utilities, which lost 8,500 jobs or 25.1 percent (Table A-11), Retail Trade, lost 7,300 jobs or 10.3 percent (Table A-10), Professional & Business Services, lost 7,100 jobs or 9.7 percent (Table A-14), and Arts, Entertainment & Recreation, lost 6,600 jobs or 47.8 percent (Table A-17) in the quarter.

For the private sector, in the second quarter of 2020, only Natural Resources, Mining & Construction, added 300 jobs or 0.8 percent (Table A-7) in the quarter.

The Government sector lost 12,100 jobs or 9.5 percent (Table A-21) in the second quarter of 2020 compared to the same quarter of 2019. The Federal Government added 100 jobs or 0.3 percent (Table A-22), the State Government lost 11,700 jobs or 15.6 percent (Table A-23), and the Local Government lost 400 jobs or 2.1 percent (Table A-24), compared to the second 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	535,200	(NA)	Year-to-Date	596,250
Percentage Change from the Same Period in Previous Year					
1991	3.4	1.6	1.9	1.1	2.0
1992	1.0	1.4	0.5	-0.1	0.7
1993	-0.6	-0.2	-1.2	-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	(NA)	Year-to-Date	-9.1

NA Not available.

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/ Q1 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 first quarter of 2020, total annualized nominal GDP increased \$995 million or 1.0 percent, from the first quarter of 2019. In 2019, total annualized nominal GDP increased \$3,484 million or 3.7 percent from the previous year. In the first quarter of 2020, total annualized real GDP (in chained 2012 dollars) decreased \$1,081 million or 1.3 percent from the first quarter of 2019. In 2019, total annualized real GDP increased \$858 million or 1.0 percent from the previous year (Table B-1 to B-3).

Hawaii's total personal income increased during the first quarter of 2020 over the same quarter of 2019; all major components of personal income increased in the quarter. In dollar terms, the largest increases occurred in personal current transfer receipts; followed by dividends, interest, and rent, proprietors' income, supplements to wages and salaries, and wages and salaries (Table B-4).

In the first quarter of 2020, total nominal annualized personal income (i.e. not adjusted for inflation) increased \$1,677.0 million or 2.1 percent over that of 2019 (Table B-5). In 2019, total annualized personal income was \$81,442.4 million, an increase of 3.5 percent from the previous year.

In the first quarter of 2020, wages and salaries increased \$147.9 million or 0.4 percent over that of 2019. This was the 39th consecutive quarterly year-over-year increase since the third quarter of 2010. In 2019, wages and salaries increased 3.4 percent from 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, increased \$172.6 million or 1.6 percent in the first quarter of 2020 from the same quarter of 2019 (Table B-9). In 2019, supplements to wages and salaries increased 3.4 percent from the previous year.

Proprietors' income increased \$264.7 million or 4.1 percent in the first quarter of 2020 over that of 2019 (Table B-10). In 2019, proprietors' income was up 4.1 percent from the previous year.

Dividends, interest, and rent increased \$431.2 million or 2.4 percent in the first quarter of 2020 from the same quarter of 2019. In 2019, income in this category was up 2.2 percent from the previous year (Table B-11).

The annualized personal current transfer receipts grew by \$729.7 million or 5.8 percent in the first quarter of 2020 from the same quarter of 2019 (Table B-12). In 2019, personal current transfer receipts increased 5.3 percent from the previous year.

Contributions to government social insurance, which is subtracted from total personal income, increased \$69.1 million or 1.1 percent in the first quarter of 2020 compared to the first quarter of 2019. In 2019, contributions to government social insurance increased 3.7 percent from the previous year (Table B-13).

In the first quarter of 2020, total non-farm private sector annualized earnings increased \$186.6 million or 0.5 percent from the first quarter of 2019. In dollar terms, the largest increase occurred in health care and social assistance; followed by finance and insurance, administrative & waste management services, retail trade, and transportation and warehousing. During the first quarter of 2020, total government earnings increased \$352.7 million or 2.2 percent from the same quarter of 2019. Earnings from the federal government increased \$312.3 million or 3.5 percent. Earnings from the state and local governments increased \$40.5 million or 0.6 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	Fourth Quarter 2019	First Quarter 2020	AnnAver 2019	Percentage change		
					First Quarter 2020		Ann Aver
					First Quarter 2019	Fourth Quarter 2019	2019 from 2018
PERSONAL INCOME	80,708,154	82,402,700	82,385,115	81,442,352	2.1	0.0	3.5
Earnings By Place of Work	57,096,578	58,135,170	57,681,788	57,408,129	1.0	-0.8	3.5
Wages and salaries	39,483,700	40,071,510	39,631,592	39,618,190	0.4	-1.1	3.4
Supplements to wages and salaries	11,098,240	11,326,994	11,270,847	11,175,155	1.6	-0.5	3.4
Emp'er contrib. for emp'ee pension & ins. funds	7,995,925	8,189,880	8,160,448	8,068,018	2.1	-0.4	3.5
Employer contributions for gov't social ins.	3,102,315	3,137,114	3,110,399	3,107,137	0.3	-0.9	3.4
Proprietors' income	6,514,638	6,736,666	6,779,349	6,614,785	4.1	0.6	4.1
Farm proprietors' income	51,260	65,544	80,960	60,323	57.9	23.5	91.9
Nonfarm proprietors' income	6,463,378	6,671,122	6,698,389	6,554,462	3.6	0.4	3.6
Dividends, interest, and rent	17,662,479	17,982,670	18,093,637	17,878,167	2.4	0.6	2.2
plus: Personal current transfer receipts	12,503,771	12,919,207	13,233,474	12,724,998	5.8	2.4	5.3
Social Security benefits	4,504,567	4,620,463	4,732,473	4,560,023	5.1	2.4	6.9
Medicare benefits	2,843,943	3,043,601	3,087,877	2,949,768	8.6	1.5	10.7
Medicaid	2,054,662	2,147,873	2,128,763	2,116,860	3.6	-0.9	-4.5
State unempl. ins. comp.	146,300	141,656	204,077	142,488	39.5	44.1	1.1
All other personal current transfer receipts	2,954,299	2,965,614	3,080,284	2,955,861	4.3	3.9	5.5
Less: Contributions for gov't social insurance	6,554,674	6,634,347	6,623,784	6,568,943	1.1	-0.2	3.7
Personal contributions for gov't social ins.	3,452,359	3,497,233	3,513,385	3,461,806	1.8	0.5	4.0
Employer contributions for gov't social ins.	3,102,315	3,137,114	3,110,399	3,107,137	0.3	-0.9	3.4
Earnings By Industry	57,096,578	58,135,170	57,681,788	57,408,129	1.0	-0.8	3.5
Farm Earnings	287,827	313,757	333,662	302,762	15.9	6.3	17.4
Nonfarm Earnings	56,808,751	57,821,413	57,348,126	57,105,367	0.9	-0.8	3.4
Private earnings	40,493,661	41,209,785	40,680,310	40,684,575	0.5	-1.3	3.5
Forestry, fishing, & related activities	105,350	124,896	120,315	113,315	14.2	-3.7	17.1
Mining	30,521	34,687	34,228	34,087	12.1	-1.3	13.4
Utilities	588,387	630,557	627,699	601,923	6.7	-0.5	-0.4
Construction	4,673,440	4,605,995	4,697,573	4,601,212	0.5	2.0	2.8
Manufacturing	977,175	972,604	961,366	975,181	-1.6	-1.2	-1.4
Durable goods	346,731	352,557	343,997	347,973	-0.8	-2.4	2.3
Nondurable goods	630,444	620,047	617,369	627,208	-2.1	-0.4	-3.3
Wholesale trade	1,539,886	1,531,372	1,533,075	1,549,128	-0.4	0.1	7.1
Retail trade	3,388,485	3,439,544	3,460,147	3,406,494	2.1	0.6	2.4
Transportation and warehousing	2,491,177	2,599,641	2,551,312	2,532,902	2.4	-1.9	4.8
Information	923,165	834,410	820,932	825,188	-11.1	-1.6	-6.8
Finance and insurance	1,773,332	1,867,295	1,893,010	1,824,185	6.7	1.4	8.4
Real estate and rental and leasing	1,954,764	1,976,295	1,981,645	1,953,516	1.4	0.3	4.8
Prof., scientific, & technical services	3,237,164	3,254,095	3,235,271	3,245,210	-0.1	-0.6	3.9
Management of companies and enterprises	1,090,199	1,077,398	1,096,365	1,068,886	0.6	1.8	6.2
Admin. & waste management services	2,276,009	2,329,068	2,349,475	2,305,055	3.2	0.9	-12.0
Educational services	851,974	867,984	868,647	856,497	2.0	0.1	4.4
Health care and social assistance	5,915,311	6,109,708	6,046,760	5,978,903	2.2	-1.0	6.5
Arts, entertainment, and recreation	770,615	824,909	778,885	792,409	1.1	-5.6	7.7
Accommodation and food services	5,537,943	5,693,598	5,253,857	5,631,033	-5.1	-7.7	6.1
Other services, except public admin.	2,368,764	2,435,729	2,369,748	2,389,454	0.0	-2.7	5.3
Government and government enterprises	16,315,090	16,611,628	16,667,816	16,420,792	2.2	0.3	3.3
Federal	9,025,805	9,284,774	9,338,067	9,132,813	3.5	0.6	3.9
Federal, civilian	3,987,894	4,161,330	4,184,240	4,061,782	4.9	0.6	4.1
Military	5,037,911	5,123,444	5,153,827	5,071,031	2.3	0.6	3.7
State and local	7,289,285	7,326,854	7,329,749	7,287,979	0.6	0.0	2.6

1/ 2019Q1 to 2019Q4 revised from previous QSER.

Source: U.S. Department of Commerce, Bureau of Economic Analysis, State Quarterly Personal Income, June 23, 2020 <<http://www.bea.gov/iTable/iTable.cfm?reqid=70&step=1&isuri=1&acrdn=3>> accessed June 23, 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 hereafter.

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/ds>> accessed July 14, 2020.

C. TAX REVENUES

The State general fund tax revenues decreased in the second quarter of 2020 compared to the same quarter of 2019.¹ The Net Individual Income Tax decreased the most; followed by the GET, and Transient Accommodations Tax (TAT).

In the second quarter of 2020, total tax collections distributed to the State general fund totaled \$1,378.2 million, a decrease of \$722.6 million or 34.4 percent over the same quarter of 2019 (Tables C-1 and C-2). In the first half of 2020, State general fund tax revenues decreased \$619.7 million or 16.4 percent over the same period of the previous year.

During the second quarter of 2020, GET revenues (excluding the Honolulu County Surcharge) totaled \$677.1 million, a decrease of \$221.3 million or 24.6 percent over the same quarter of 2019 (Table C-3). In the first half of 2020, GET revenues decreased \$166.4 million or 9.2 percent from the same period of the previous year.

Compared to the second quarter of 2019, Net Individual Income Tax revenues decreased \$359.7 million or 40.5 percent to \$528.1 million in the second quarter of 2020 (Table C-4). In the second quarter of 2020, Declaration of Estimated Taxes decreased \$251.2 million or 63.2 percent (Table C-5), Payments with Returns decreased \$94.0 million or 56.6 percent

(Table C-6), Revenues from Withholding Tax on Wages decreased \$45.7 million or 8.7 percent (Table C-7), and Refunds decreased \$31.2 million or 15.6 percent (Table C-8). In the first half of 2020, Net Individual Income Tax collections decreased \$323.9 million or 22.9 percent from the same period of the previous year.

Net Corporate Income Tax revenues, which tend to be volatile by nature, decreased from \$80.2 million in the second quarter of 2019 to negative \$6.2 million in the second quarter of 2020 (Table C-9). In the second quarter of 2020, the Declaration of Estimated Taxes decreased \$51.3 million or 57.6 percent (Table C-10), the Payment with Returns declined \$5.5 million or 55.7 percent (Table C-11), and the Refunds increased \$29.6 million or 158.3 percent (Table C-12), compared with the same quarter of 2019. In the first half of 2020, Net Corporate Income Tax revenues decreased \$128.7 million from \$97.7 million in the first half of 2019 to negative \$31.1 million in the first half of 2020.

In the second quarter of 2020, Transient Accommodations Tax (TAT) revenues decreased \$103.3 million or 68.6 percent compared to the same quarter of 2019 (Table C-13). In the first half of 2020, TAT revenues decreased \$73.3 million or 23.1 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 3/	2,844,741	1,651,212	112,695	5,259,149
2013 3/	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 3/	1 Qtr. 757,923	351,323	14,909	1,282,926
3/	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. 677,077	528,080	-6,158	1,378,238

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/ Tax Revenues Distrib. to State General Fund 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 3/	9.9	13.0	476.5	12.8
2013 3/	2.2	5.7	20.1	3.7
2014 3/	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	(4/)	1.3
2003 2 Qtr.	13.4	-3.6	-11.8	7.4
2003 3 Qtr.	0.0	3.0	91.1	-0.1
2003 4 Qtr.	6.8	9.3	(4/)	3.9
2004 1 Qtr.	11.2	3.0	(4/)	13.2
2004 2 Qtr.	6.3	36.6	61.7	16.3
2004 3 Qtr.	9.7	18.8	85.9	15.5
2004 4 Qtr.	10.3	5.1	(4/)	9.8
2005 1 Qtr.	14.5	29.4	3.2	20.7
2005 2 Qtr.	14.8	20.5	27.3	17.3
2005 3 Qtr.	11.6	11.0	342.7	16.2
2005 4 Qtr.	13.7	9.7	-44.0	11.4
2006 1 Qtr.	10.1	5.1	-89.3	4.9
2006 2 Qtr.	6.0	21.2	18.2	11.8
2006 3 Qtr.	4.5	-0.1	-66.0	-2.1
2006 4 Qtr.	13.8	7.7	20.2	11.2
2007 1 Qtr.	3.8	-4.1	586.7	0.9
2007 2 Qtr.	12.6	-0.4	-23.4	4.3
2007 3 Qtr.	6.7	4.8	19.8	6.5
2007 4 Qtr.	4.3	0.4	-83.6	2.5
2008 1 Qtr.	2.4	-1.4	59.7	2.0
2008 2 Qtr.	-3.2	-6.0	-0.9	-4.9
2008 3 Qtr.	1.3	1.0	-37.3	1.3
2008 4 Qtr.	-9.1	4.3	136.6	-4.3
2009 1 Qtr.	-13.1	-21.1	-36.9	-16.2
2009 2 Qtr.	-9.6	-33.7	-42.2	-18.0
2009 3 Qtr.	-11.8	-6.7	-27.3	-9.4
2009 4 Qtr.	-7.4	-11.8	(4/)	-6.9
2010 1 Qtr.	4.6	61.4	103.2	25.0
2010 2 Qtr.	-1.2	32.0	53.6	10.7
2010 3 Qtr.	5.8	-53.7	-85.9	-13.6
2010 4 Qtr.	5.4	11.4	(4/)	9.0
2011 1 Qtr.	5.8	-32.4	(4/)	-10.4
2011 2 Qtr.	13.9	2.7	23.2	12.6
2011 3 Qtr.	7.1	139.2	508.6	33.7
2011 4 Qtr.	8.5	-4.4	(4/)	2.5
2012 1 Qtr.	8.9	-4.6	(4/)	11.1
2012 2 Qtr.	7.9	22.7	25.6	15.6
2012 3 Qtr.	12.8	10.1	(4/)	10.8
2012 3/ 4 Qtr.	10.0	19.3	-100.6	13.4
2013 3/ 1 Qtr.	6.6	27.0	-55.6	8.1
2013 3/ 2 Qtr.	7.5	2.0	12.0	8.0
2013 3/ 3 Qtr.	-5.4	4.3	85.0	-2.7
2013 3/ 4 Qtr.	0.5	-2.1	10,135.3	1.2
2014 3/ 1 Qtr.	-1.5	-1.3	(4/)	0.3
2014 3/ 2 Qtr.	-2.1	0.9	-34.3	-5.4
2014 3/ 3 Qtr.	8.0	-0.2	-60.6	2.9
2014 3/ 4 Qtr.	6.3	17.9	16.1	9.9
2015 1 Qtr.	4.8	33.8	(4/)	12.2
2015 2 Qtr.	4.4	9.6	-80.9	2.8
2015 3 Qtr.	10.2	14.8	221.9	18.1
2015 4 Qtr.	2.3	-0.3	-54.6	1.4
2016 1 Qtr.	4.6	6.8	(4/)	4.1
2016 2 Qtr.	3.7	5.4	535.7	8.9
2016 3 Qtr.	-3.6	-2.1	-63.1	-3.0
2016 4 Qtr.	3.9	2.5	327.5	4.8
2017 1 Qtr.	1.7	12.2	(4/)	4.8
2017 2 Qtr.	2.5	2.4	3.3	1.7
2017 3 Qtr.	12.5	6.6	73.9	9.4
2017 4 Qtr.	1.4	11.7	(4/)	1.6
2018 1 Qtr.	15.3	-7.7	(4/)	8.6
2018 2 Qtr.	-9.9	40.5	-36.8	10.4
2018 3 Qtr.	-2.3	6.7	-31.0	0.4
2018 4 Qtr.	6.5	1.2	(4/)	8.6
2019 1 Qtr.	-4.5	2.1	20.1	-1.3
2019 2 Qtr.	21.3	2.6	137.9	12.4
2019 3 Qtr.	4.9	13.8	18.1	9.1
2019 4 Qtr.	2.1	6.1	-69.7	1.2
2020 1 Qtr.	6.0	6.8	(4/)	6.1
2020 2 Qtr.	-24.6	-40.5	(4/)	-34.4

1/ Declaration of estimated taxes, plus payments with returns, plus withholding tax on wages, less refunds.
 Individual income tax rates changed effective January 1, 1999, 2001 and 2002.
 2/ Declaration of estimated taxes, plus payments with returns, less refunds.
 3/ Tax Revenues Distributed to State General Fund revised from previous QSER.
 4/ Percentage changes involving negative values not meaningful.
 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 second 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 2,581,666 or 98.8 percent in the second quarter of 2020, compared to the same quarter of 2019 (Tables D-1 and D-2). The total average daily census was down 235,572 or 96.2 percent in the quarter. In the first half of 2020, total visitor arrivals by air decreased 2,988,608 or 58.4 percent, while the average daily census decreased 138,072 or 55.4 percent from the same period of the previous year.

In the second quarter of 2020, total visitor arrivals on domestic flights decreased 1,880,095 or 98.4 percent compared to the same quarter of 2019 (Table D-3). In the first half of 2020, domestic arrivals were down 2,087,569 or 58.0 percent from the same period of the previous year.

Arrivals on international flights decreased 711,571 or 99.9 percent in the second quarter of 2020 compared to the second quarter of 2019 (Table D-4). In the first half of 2020, international arrivals decreased 901,039 or 59.5 percent from the same period of the previous year.

In terms of major market areas, from the second quarter of 2019 to the same period of 2020, arrivals from the U.S. West decreased 1,212,952 or 98.5 percent (Table D-5), arrivals from the U.S. East decreased 582,776 or 98.4 percent (Table D-6), and arrivals from Japan decreased 359,234 or 99.98 percent (Table D-7). In the first half of 2020, arrivals from the U.S. West were down 1,334,713 or 59.0 percent; arrivals from the U.S. East were down 647,305 or 55.3 percent; and Japanese arrivals were down 439,952 or 59.9 percent from the same period of the previous year.

In the second 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 96.2 percent or 235,572 visitors per day in the second quarter of 2020, over the same quarter of 2019 (Table D-8). The domestic average daily census decreased 95.1 percent or 178,375 visitors per day (Table D-9), while the international average daily census decreased 99.8 percent or 57,197 visitors per day (Table D-10). In the first half of 2020, the domestic average daily census decreased 99,760 or 54.4 percent; and the international average daily census declined 38,312 or 57.9 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 14.2 percent or \$640.5 million from the same quarter of 2019 (Table D-11). In 2019, visitor expenditures increased \$237.8 million or 1.4 percent from the previous year.

Total airline capacity, as measured by the number of available seats flown to Hawaii, decreased 91.1 percent or 3,108,589 seats (Table D-12) in the second quarter of 2020, domestic seats decreased 89.3 percent or 2,242,338 seats (Table D-13); international seats declined 96.1 percent or 854,812 seats (Table D-14), compared to the same quarter of 2019. In the first half of 2020, the number of total available seats decreased 47.3 percent or 3,193,069 seats from the same period of the previous year.

In the second quarter of 2020, the statewide hotel occupancy rate averaged 12.9 percent, 67.4 percentage points lower than the same quarter of 2019 (Table D-15). In the first half of 2020, the statewide hotel occupancy rate averaged 49.7 percent, 30.8 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

1/ Staying overnight or longer.

2/ 2019 revised from previous QSER. 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

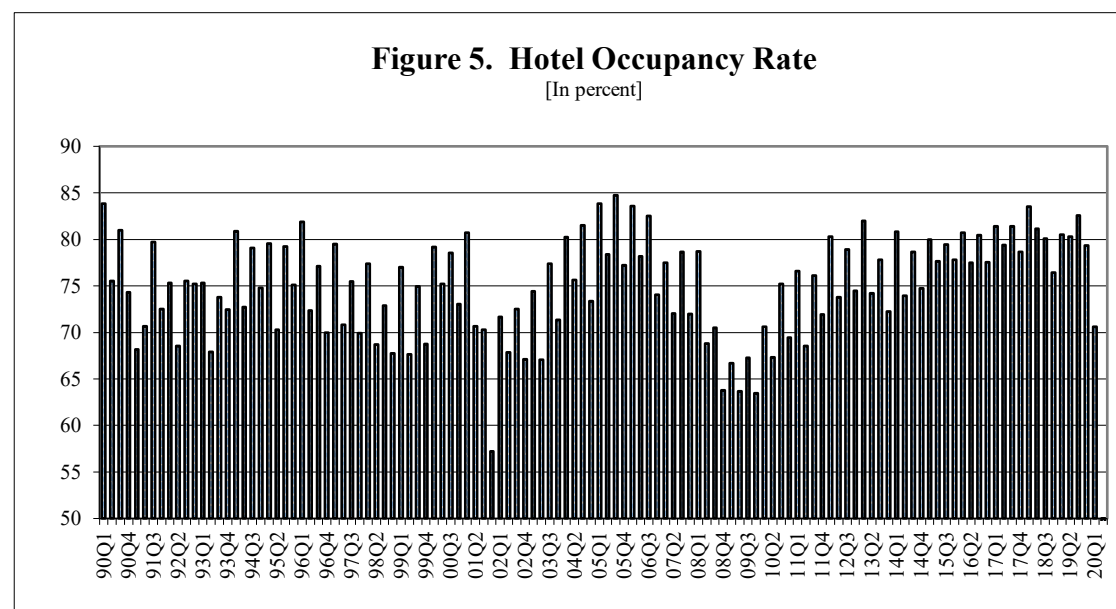
Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	Annual Average
In Percent					
1982	79.0	65.9	70.9	66.7	70.4
1983	75.2	68.1	71.7	66.5	69.7
1984	84.0	75.6	74.6	75.1	76.0
1985	88.1	69.1	75.0	72.5	76.1
1986	87.0	78.8	79.9	76.8	81.7
1987	88.0	77.1	82.1	77.8	81.1
1988	81.7	75.1	81.3	75.1	78.5
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	82.6	79.4	81.2
2020 1/	70.6	12.9	(NA)	Year-to-Date	49.7

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 mixed in the second quarter of 2020. Private building authorizations decreased, but government contracts awarded and construction jobs increased in the quarter.

Construction has been one of the steady contributors to job growth in Hawaii over the past few years. In the second quarter of 2020, the number of jobs in the construction sector increased 0.8 percent or 300 jobs compared with the same quarter of 2019. Construction was the only private sector that added jobs in the second quarter of 2020 compared with the same quarter of 2019. In 2019, the construction sector lost 100 jobs or 0.3 percent (Table A-7) from 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 second quarter of 2020, private building authorizations in the state decreased \$115.8 million or 14.3 percent, compared with the second quarter of 2019 (Table E-8). In the first half of 2020, private building authorizations in the state decreased \$92.1 million or 5.9 percent compared with the same period in 2019.

In the second quarter of 2020, private building authorizations in Honolulu decreased \$169.1 million or 32.2 percent, compared with the second quarter of 2019 (Table E-8). In the first half of 2020, private building authorizations in Honolulu decreased \$254.6 million or 24.3 percent, compared with the same period of the previous year.

In the second quarter of 2020, private building authorizations in Hawaii County increased \$45.9 million or 38.0 percent, compared with the second quarter of 2019 (Table E-8). In the first half of 2020, private building authorizations in Hawaii County increased \$85.9 million or 34.9 percent, compared with the same period of the previous year.

In the second quarter of 2020, private building authorizations in Maui increased \$1.1 million or 0.8 percent, compared with the second quarter of 2019 (Table E-8). In the first half of 2020, private building authorizations in Maui increased \$65.6 million or 30.7 percent compared with the same period in 2019.

In the second quarter of 2020, private building authorizations (residential only) in Kauai County increased \$6.2 million or 20.5 percent, compared with the second quarter of 2019 (Table E-8). In the first half of 2020, private building authorizations in Kauai County increased \$11.0 million or 18.0 percent compared with the same period of the previous year.

Government contracts awarded increased \$453.3 million, from \$129.1 million in the second quarter of 2019 to \$582.4 million in the second quarter of 2020. (Table E-1). In the first half of 2020, government contracts awarded increased \$1,639.7 million, from \$285.0 million to \$1,924.7 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 increased \$45.6 million or 10.7 percent in the second quarter of 2020 compared with the same quarter of 2019. In the first half of 2020, state government CIP expenditures increased \$68.5 million or 9.5 percent from the same period of the previous year (Table E-2).

The Honolulu Construction Cost Index increased 3.1 percent in the second quarter of 2020 compared to the same quarter of 2019 for Single Family Residence (Table E-6) and increased 2.3 percent for High-Rise Building (Table E-7). In 2019, the index for Single Family Residence increased 3.1 percent and 2.8 percent for High-Rise Building as compared to the previous year.

In the second quarter of 2020, Honolulu's median price for single family resales was \$790,500, up \$15,500 or 2.0 percent over the same quarter of 2019 (Table E-11). The median price for condominium units was \$425,000, up \$2,500 or 0.6 percent over the same quarter of 2019 (Table E-12). In the second quarter of 2020, the number of single-family unit resales decreased 17.3 percent, and the number of condominium unit resales decreased 38.1 percent, compared with the second quarter of 2019 (Tables E-13 and E-14). In the first half of 2020, the number of single-family unit resales decreased 4.8 percent, and condominium unit resales declined 22.0 percent compared with the same period of the previous year.

In the first half of 2020, Maui County's single-family unit resales median price was \$765,173 and the condominium unit resales median price was \$569,050 (Tables E-17 and E-18).

F. OTHER INDICATORS

The total number of bankruptcy filings in Hawaii declined 12.0 percent or by 52 cases for the second quarter of 2020, from the same quarter of 2019. In the first half of 2020, total filings decreased 7.1 percent or 60 cases from the same period of the previous year.

The number of Chapter 7 filings, the largest category, increased 6.8 percent or 19 cases in the second quarter of 2020. Chapter 7 filings are intended to liquidate assets and discharge debt. In the first half of 2020, Chapter 7 filings were up 1.9 percent or 11 cases from the same period of the previous year.

Chapter 11 filings increased from 1 to 4 cases in the second quarter of 2020 compared with the second quarter of 2019. In the first half of 2020, Chapter 11 filings increased to 5 cases from 4

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

Chapter 13 filings declined 48.7 percent or 74 cases in the second quarter of 2020, from the same quarter of 2019. In the first half of 2020, Chapter 13 filings declined 26.8 percent or 73 cases from the same period of the previous year. Chapter 13 bankruptcy allows debtors to work out repayment arrangements with creditors.

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

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

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

