

# ***QUARTERLY STATISTICAL & ECONOMIC REPORT, Executive Summary 2nd Quarter 2021***

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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 Mary Blewitt, Binsheng Li, and Paul Oshiro with assistance from other 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 May 24, 2021.

#### 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 first quarter of 2021. Visitor arrivals, wage and salary jobs, State general fund tax revenues, and government contracts awarded all decreased in the quarter compared to the first quarter of 2020. Only private building authorizations increased in the quarter.

In the first quarter of 2021, the total number of visitors arriving by air to Hawaii decreased 1,248,651 or 59.6 percent. Due to longer lengths of stay, the daily visitor census decreased 51.6 percent in the quarter.

In the first quarter of 2021, jobs in the construction sector decreased 0.3 percent or 100 jobs compared with the same quarter of 2020. The government contracts awarded totaled \$193.5 million in the first quarter of 2021. In the first quarter of 2021, the permit value for private construction increased \$17.9 million or 2.3 percent compared with the same quarter of 2020. According to the most recent excise tax base data available, current construction put-in-place increased \$13.5 million or 0.6 percent in the fourth quarter of 2020, compared with the same quarter of the previous year.

In the first quarter of 2021, State general fund tax revenues were down \$192.0 million or 10.7 percent over the same period of 2020. The net individual income tax revenues increased \$97.4 million or 17.4 percent, the state general excise tax revenue decreased \$177.8 million or 18.3 percent, and the transient accommodations tax (TAT) decreased \$136.8 million or 69.4 percent. In 2020, State general fund tax revenues decreased \$901.5 million or 12.3 percent, and state general excise tax revenue decreased \$563.4 million or 15.6 percent, compared to the previous year.

Labor market conditions were all negative. In the first quarter of 2021, Hawaii's non-agricultural wage and salary jobs averaged 547,000 jobs, a decrease of 113,300 jobs or 17.2 percent from the same quarter of 2020.

In this quarter, the private sector lost about 101,800 non-agricultural jobs compared to the first quarter of 2020. All private sectors lost jobs in the quarter. Jobs decreased the most in Accommodation, which lost 22,300 jobs or 51.3 percent; followed by Food Services and Drinking Places, which lost 20,800 jobs or 30.0 percent, Retail Trade, which lost 11,600 jobs or 16.4 percent, Transportation, Warehousing & Utilities, which lost 10,800 jobs or 29.6 percent, Professional & Business Services, which lost 7,400 jobs or 9.9 percent, Other Services, which lost 6,600 jobs or 23.5 percent, and Arts,

Entertainment & Recreation, which lost 6,000 jobs or 44.4 percent in the quarter. The Government sector lost 11,500 jobs or 8.9 percent in the first quarter of 2021 compared to the same quarter of 2020. The Federal Government lost 1,200 jobs or 3.4 percent, the State Government lost 10,000 jobs or 13.4 percent, and the Local Government lost 200 jobs or 1.1 percent, compared to the first quarter of 2020.

In the fourth quarter of 2020, total annualized nominal GDP decreased \$6,235 million or 6.4 percent, from the fourth quarter of 2019. In 2020, total annualized nominal GDP decreased \$5,888 million or 6.1 percent from the same period of the previous year. In the fourth quarter of 2020, total annualized real GDP (in chained 2012 dollars) decreased \$6,934 million or 8.4 percent from the fourth quarter of 2019. In 2020, total annualized real GDP decreased \$6,609 million or 8.0 percent from the previous year.

Turning to personal income, in the fourth quarter of 2020, total non-farm private sector annualized earnings decreased \$4,814.0 million or 11.7 percent from the fourth quarter of 2019. In dollar terms, the largest decrease occurred in accommodation and food services; followed by transportation and warehousing, retail trade, arts, entertainment, and recreation, administration and management services, and other services. Increases were seen in construction and health care and social assistance. During the fourth quarter of 2020, total government earnings decreased \$381.5 million or 2.3 percent from the same quarter of 2019. Earnings from the federal government increased \$164.1 million or 1.8 percent. Earnings from the state and local governments decreased \$545.5 million or 7.3 percent in the quarter.

In the second half of 2020, Honolulu's Consumer Price Index for Urban Consumers (CPI-U) increased 1.6 percent from the same period in 2020. This is 0.4 of a percentage point above the U.S. average CPI-U and is higher than the second half of 2020 Honolulu CPI-U increase of 1.3 percent from the same period of the previous year. In the second half of 2020, the Honolulu CPI-U increased the most in Food and Beverages (6.9 percent), followed by Recreation (4.5 percent), Education and Communication (4.2 percent), and Housing (1.4 percent). The price of Apparel decreased 7.1 percent; the price of Transportation decreased 5.2 percent, and the price of Other Goods and Services decreased 1.8 percent compared to the second half of 2020.

**Table 1. 2021 QUARTERLY ECONOMIC INDICATORS:  
STATE OF HAWAII**

SERIES	1st QUARTER			YEAR-TO-DATE		
	2020	2021	% CHANGE YEAR AGO	2020	2021	% CHANGE YEAR AGO
Civilian labor force, NSA (persons) 1/	674,700	655,300	-2.9	674,700	655,300	-2.9
Civilian employed, NSA	661,450	596,200	-9.9	661,450	596,200	-9.9
Civilian unemployed, NSA	13,250	59,150	346.4	13,250	59,150	346.4
Unemployment rate, NSA (%) 1/ 2/	2.0	9.0	7.0	2.0	9.0	7.0
Total wage and salary jobs, NSA	665,300	(NA)	(NA)	665,300	(NA)	(NA)
Total non-agric. wage & salary jobs	660,300	547,000	-17.2	660,300	547,000	-17.2
Nat. Resources, Mining, Constr.	36,600	36,500	-0.3	36,600	36,500	-0.3
Manufacturing	13,700	11,200	-18.2	13,700	11,200	-18.2
Wholesale Trade	18,000	16,700	-7.2	18,000	16,700	-7.2
Retail Trade	70,700	59,100	-16.4	70,700	59,100	-16.4
Transp., Warehousing, Util.	36,500	25,700	-29.6	36,500	25,700	-29.6
Information	8,800	6,500	-26.1	8,800	6,500	-26.1
Financial Activities	29,800	26,600	-10.7	29,800	26,600	-10.7
Professional & Business Services	74,600	67,200	-9.9	74,600	67,200	-9.9
Educational Services	14,400	11,700	-18.8	14,400	11,700	-18.8
Health Care & Social Assistance	73,800	69,900	-5.3	73,800	69,900	-5.3
Arts, Entertainment & Recreation	13,500	7,500	-44.4	13,500	7,500	-44.4
Accommodation	43,500	21,200	-51.3	43,500	21,200	-51.3
Food Services & Drinking Places	69,400	48,600	-30.0	69,400	48,600	-30.0
Other Services	28,100	21,500	-23.5	28,100	21,500	-23.5
Government	128,700	117,200	-8.9	128,700	117,200	-8.9
Federal	34,900	33,700	-3.4	34,900	33,700	-3.4
State	74,900	64,900	-13.4	74,900	64,900	-13.4
Local	18,800	18,600	-1.1	18,800	18,600	-1.1
Agriculture wage and salary jobs	5,000	(NA)	(NA)	5,000	(NA)	(NA)
State general fund revenues (\$1,000)	1,791,047	1,599,011	-10.7	1,791,047	1,599,011	-10.7
General excise and use tax revenues	971,273	793,430	-18.3	971,273	793,430	-18.3
Income-individual	560,056	657,418	17.4	560,056	657,418	17.4
Declaration estimated taxes	200,257	214,006	6.9	200,257	214,006	6.9
Payment with returns	41,907	61,324	46.3	41,907	61,324	46.3
Withholding tax on wages	571,532	562,169	-1.6	571,532	562,169	-1.6
Refunds ('-' indicates relative to State)	-253,639	-180,081	-29.0	-253,639	-180,081	-29.0
Transient accommodations tax	197,145	60,366	-69.4	197,145	60,366	-69.4
Honolulu County Surcharge 3/	90,433	80,297	-11.2	90,433	80,297	-11.2
Private Building Permits (\$1,000)	784,793	802,667	2.3	784,793	802,667	2.3
Residential	228,653	305,358	33.5	228,653	305,358	33.5
Commercial & industrial	120,465	116,911	-2.9	120,465	116,911	-2.9
Additions & alterations	435,676	380,398	-12.7	435,676	380,398	-12.7
Visitor Days - by air	19,422,405	9,306,233	-52.1	19,422,405	9,306,233	-52.1
Domestic visitor days - by air	14,366,974	9,127,368	-36.5	14,366,974	9,127,368	-36.5
International visitor days - by air	5,055,431	178,865	-96.5	5,055,431	178,865	-96.5
Visitor arrivals by air - by air	2,095,695	847,044	-59.6	2,095,695	847,044	-59.6
Domestic flight visitors - by air	1,483,416	839,457	-43.4	1,483,416	839,457	-43.4
International flight visitors - by air	612,279	7,587	-98.8	612,279	7,587	-98.8
Visitor expend. - arrivals by air (\$1,000)	3,879,416	(NA)	(NA)	3,879,416	(NA)	(NA)
Hotel occupancy rates (%) 2/	70.4	32.4	-38.0	70.4	32.4	-38.0

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](http://www.hawaii.gov/tax/a5_3txcolrpt.htm)> and Hospitality Advisors, LLC.

5/21/2021

## OUTLOOK FOR THE ECONOMY

Hawaii's economy has been greatly impacted by the COVID-19 pandemic. During the April 2020-March 2021 period, the average unemployment rate (not seasonally adjusted) was 13.5 percent. Hawaii lost 130,400 non-agriculture payroll jobs during the April 2020-March 2021 period as compared with the same period a year ago. All industry sectors lost jobs except for federal government jobs. The accommodation and food services & drinking places accounted for 42.2 percent of the total job losses, with a decline of 55,000 jobs. Overall, statewide non-agriculture payroll jobs decreased by 19.8 percent during the April 2020-March 2021 period.

Hawaii's unemployment rate increased from 2.0 percent in the first quarter of 2020 to 19.4 percent in the second quarter of 2020. After this peak, the rate declined to 14.5 percent in the third quarter of 2020, 11.2 percent in the fourth quarter of 2020, and then 9.0 percent in the first quarter of 2021.

Visitor arrivals to the State during the first quarter of 2021 totaled 847,044, a decrease of 59.6 percent from the same quarter in 2020. However, due to the longer average length of stay, the average daily visitor census decreased only 51.6 percent in the first quarter of 2021.

The value of private building permits showed an increase of 2.3 percent or \$17.9 million during the first quarter of 2021. The largest increase occurred in the residential category, which was up by \$76.7 million or 33.5 percent. The value of commercial & industrial building permits declined by 2.9 percent, and the value for additions & alterations permits declined by 12.7 percent during the same period. In the first quarter of 2021, the state government spending on capital investment projects (CIP) decreased by 18.5 percent or \$58.8 million, and government contracts awarded decreased 85.6 percent or \$1,148.8 million over the first quarter of 2020.

At the national level, U.S. real GDP growth fell to a negative 9.0 percent in the second quarter of 2020, following a 0.3 percent increase in the first quarter. Growth then began to gradually improve with negative 2.8 percent growth in the third quarter, negative 2.4 percent in the fourth quarter, and positive 0.4 percent

growth in the first quarter of 2021, as compared to the same quarter in previous year. The Blue Chip Economic Indicators report from May 10, 2021, which is the consensus of 50 economic forecasting organizations, projected that the U.S. economic growth rate for 2021 will increase by 6.6 percent. The report projected a positive 4.4 percent U.S. economic growth for 2022. The Blue Chip forecasts for foreign countries were all positive for 2021. Based on the above developments, DBEDT projects that Hawaii's economic growth rate, as measured by the real gross domestic product (GDP), will increase by 3.5 percent in 2021, 3.0 percent in 2022, 2.3 percent in 2023, and 1.8 percent in 2024.

Hawaii will welcome 6.6 million visitors in 2021, an increase of 144.4 percent from the 2020 level. Visitor arrivals will increase to 8.6 million in 2022, 9.5 million in 2023, and 10.1 million in 2024. Visitor spending will increase 117.8 percent in 2021, then will increase 34.0 percent in 2022, 12.9 percent in 2023, and 7.2 percent in 2024.

Non-agriculture payroll jobs will increase 8.0 percent in 2021, then will increase by 3.4 percent in 2022, 1.6 percent in 2023, and 1.4 percent in 2024.

Overall for 2021, the average annual unemployment rate is forecast to be 7.7 percent, then decrease to 6.3 percent in 2022, 5.6 percent in 2023, and 5.0 percent in 2024. These rates are much higher than Hawaii's average unemployment rate of 2.5 percent from 2017 to 2019.

Nominal personal income is forecast to decrease by 0.9 percent in 2021 and 2.5 percent in 2022, It is then expected to increase 2.8 percent in 2023 and 3.3 percent in 2024.

Hawaii's consumer inflation rate, as measured by the Honolulu Consumer Price Index for All Urban Consumers, is expected to increase 2.5 percent in 2021, increase 2.3 percent in 2022, and increase 2.0 percent per year in 2023 and 2024.

Hawaii's population is expected to increase 0.1 percent in 2021, and increase by 0.2 percent in 2022, 2023, and 2024.

**ACTUAL AND FORECAST OF KEY ECONOMIC INDICATORS FOR HAWAII:  
2019 TO 2024**

Economic Indicators	2019	2020 1/	2021	2022	2023	2024
	Actual		Forecast			
Total population (thousands) 2/	(NA)	1,455	1,457	1,459	1,463	1,466
Visitor arrivals (thousands) 3/	10,387	2,716	6,637	8,553	9,543	10,138
Visitor days (thousands) 3/	90,361	28,702	60,386	76,473	84,499	88,857
Visitor expenditures (million dollars) 3/	17,844	5,111	11,132	14,911	16,833	18,048
Honolulu CPI-U (1982-84=100)	281.6	286.0	293.2	299.9	305.9	312.0
Personal income (million dollars)	80,727	85,446	84,706	82,599	84,875	87,666
Real personal income (millions of 2012\$) 4/	61,855	65,210	63,426	60,774	61,384	62,356
Non-agricultural wage & salary jobs (thousands)	658.5	557.1	601.6	621.9	632.1	641.1
Civilian unemployment rate	2.5	11.6	7.7	6.3	5.6	5.0
Gross domestic product (million dollars)	95,744	89,856	95,045	99,901	104,019	107,780
Real gross domestic product (millions of 2012\$)	82,471	75,863	78,518	80,874	82,734	84,223
Gross domestic product deflator (2012=100)	116.1	118.4	121.0	123.5	125.7	128.0
Annual Percentage Change						
Total population	(NA)	(NA)	0.1	0.2	0.2	0.2
Visitor arrivals	5.0	-73.9	144.4	28.9	11.6	6.2
Visitor days	2.4	-68.2	110.4	26.6	10.5	5.2
Visitor expenditures	1.1	-71.4	117.8	34.0	12.9	7.2
Honolulu CPI-U	1.6	1.6	2.5	2.3	2.0	2.0
Personal income	2.9	5.8	-0.9	-2.5	2.8	3.3
Real personal income	0.7	5.4	-2.7	-4.2	1.0	1.6
Non-agricultural wage & salary jobs	0.0	-15.4	8.0	3.4	1.6	1.4
Civilian unemployment rate 5/	0.1	9.1	-3.9	-1.4	-0.7	-0.7
Gross domestic product	2.8	-6.1	5.8	5.1	4.1	3.6
Real gross domestic product	0.3	-8.0	3.5	3.0	2.3	1.8
Gross domestic product deflator (2012=100)	2.5	2.0	2.2	2.0	1.8	1.8

NA. Not available or not applicable.

1/ Some of the indicators are preliminary such as visitor arrivals, visitor days and expenditures,

2/ Census of Population April 1, 2020 count.

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

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

5/ Absolute change from previous year.

Source: Hawaii State Department of Business, Economic Development & Tourism, May 24, 2021.



## COUNTY ECONOMIC CONDITIONS

Overall economic conditions were mostly negative across the counties in the first quarter of 2021. 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 other counties.

In the first quarter of 2021, the unemployment rate in Honolulu increased 6.2 percentage points from 1.9 percent to 8.1 percent; the unemployment rate in Maui County increased 10.9 percentage points from 1.9 percent to 12.8 percent; the unemployment rate in Hawaii County increased 6.4 percentage points from 2.4 percent to 8.8 percent; and the unemployment rate in Kauai County increased 11.4 percentage points from 2.1 percent to 13.5 percent.

In the first quarter of 2021, Honolulu lost 71,000 non-agricultural wage and salary jobs compared to the same quarter of 2020. Jobs decreased the most in Food Services and Drinking Places, which lost 10,900 jobs or 22.9 percent. This was followed by Accommodation which lost 9,700 jobs or 50.5 percent, Retail Trade which lost 8,500 jobs or 18.0 percent, Transportation, Warehousing & Utilities which lost 7,500 jobs or 28.0 percent, and Other Services which lost 5,200 jobs or 24.2 percent in the quarter. For the private sector, only Natural Resources, Mining & Construction did not lose jobs in the quarter. The Government sector lost 9,600 jobs or 9.7 percent in the quarter.

In the first quarter of 2021, Hawaii County lost 11,900 or 16.8 percent of non-agricultural wage and salary jobs over the same quarter of 2020. Jobs decreased the most in Accommodation, which lost 3,100 jobs or 47.7 percent. This was followed by Food Services and Drinking Places which lost 1,900 jobs or 27.9 percent, Professional & Business Services which lost 1,200 jobs or 17.9 percent, Arts, Entertainment & Recreation which lost 1,100 jobs or 73.3 percent, and Transportation, Warehousing & Utilities which lost 800 jobs or

25.0 percent in the quarter. The Government sector lost 1,200 jobs or 7.8 percent in the quarter.

Maui County lost 20,600 jobs or a 25.7 percent decrease in the first quarter of 2021 over the same quarter of 2020. Jobs decreased the most in Accommodation which lost 6,300 jobs or 48.5 percent. This was followed by Food Services and Drinking Places which lost 5,800 jobs or 55.2 percent, Professional & Business Services which lost 2,100 jobs or 28.8 percent, Transportation, Warehousing & Utilities which lost 1,700 jobs or 35.4 percent, and Retail Trade which lost 1,700 jobs or 17.3 percent in the quarter. The Government sector lost 600 jobs or 6.5 percent in the quarter.

Kauai County lost 9,200 jobs or a 27.8 percent decrease in the first quarter of 2021 over the same quarter of 2020. Jobs decreased the most in Accommodation which lost 3,200 jobs or 68.1 percent. This was followed by Food Services and Drinking Places which lost 2,200 jobs or 47.8 percent, Arts, Entertainment & Recreation which lost 1,000 jobs or 83.3 percent, Transportation, Warehousing & Utilities which lost 600 jobs or 40.0 percent, and Retail Trade which lost 600 jobs or 14.6 percent in the quarter. The Government sector lost 200 jobs or 3.8 percent in the quarter.

In the first quarter of 2021, visitor arrivals by air decreased in all counties. Visitor arrivals by air decreased 58.1 percent in Honolulu, 45.5 percent in Maui, 58.1 percent in Hawaii County, and 90.6 percent in Kauai compared to the same quarter of 2020.

In the first quarter of 2021, private building permits increased in Honolulu and Kauai, but decreased in other counties. In the first quarter of 2021, private building permits increased \$52.3 million or 11.9 percent in Honolulu, increased \$8.4 million or 23.9 percent in Kauai (only residential available), decreased \$42.1 million or 28.9 percent in Maui, and decreased \$0.8 million or 0.5 percent in Hawaii County from the same quarter of the previous year.

**Table 2. 2021 QUARTERLY ECONOMIC INDICATORS:  
CITY AND COUNTY OF HONOLULU**

SERIES	1st QUARTER			YEAR-TO-DATE		
	2020	2021	% CHANGE YEAR AGO	2020	2021	% CHANGE YEAR AGO
Civilian labor force, NSA (persons) 1/	458,650	450,950	-1.7	458,650	450,950	-1.7
Civilian employed	450,100	414,650	-7.9	450,100	414,650	-7.9
Civilian unemployed	8,550	36,300	324.6	8,550	36,300	324.6
Unemployment rate, NSA (%) 1/ 2/	1.9	8.1	6.2	1.9	8.1	6.2
Total wage and salary jobs	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Total non-agric. wage & salary jobs	475,500	404,500	-14.9	475,500	404,500	-14.9
Nat. Resources, Mining, Constr.	26,700	26,700	0.0	26,700	26,700	0.0
Manufacturing	10,700	8,600	-19.6	10,700	8,600	-19.6
Wholesale Trade	14,300	13,400	-6.3	14,300	13,400	-6.3
Retail Trade	47,100	38,600	-18.0	47,100	38,600	-18.0
Transp., Warehousing, Util.	26,800	19,300	-28.0	26,800	19,300	-28.0
Information	7,500	5,500	-26.7	7,500	5,500	-26.7
Financial Activities	23,000	21,500	-6.5	23,000	21,500	-6.5
Professional & Business Services	57,400	53,700	-6.4	57,400	53,700	-6.4
Educational Services	11,600	9,400	-19.0	11,600	9,400	-19.0
Health Care & Social Assistance	54,800	52,000	-5.1	54,800	52,000	-5.1
Arts, Entertainment & Recreation	8,500	4,000	-52.9	8,500	4,000	-52.9
Accommodation	19,200	9,500	-50.5	19,200	9,500	-50.5
Food Services & Drinking Places	47,600	36,700	-22.9	47,600	36,700	-22.9
Other Services	21,300	16,100	-24.4	21,300	16,100	-24.4
Government	99,000	89,400	-9.7	99,000	89,400	-9.7
Federal	32,200	31,200	-3.1	32,200	31,200	-3.1
State	54,700	46,300	-15.4	54,700	46,300	-15.4
Local	12,100	11,900	-1.7	12,100	11,900	-1.7
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)	438,633	490,981	11.9	438,633	490,981	11.9
Residential	71,999	123,217	71.1	71,999	123,217	71.1
Commercial & industrial	14,574	32,168	120.7	14,574	32,168	120.7
Additions & alterations	352,060	335,596	-4.7	352,060	335,596	-4.7
Visitor Days - by air	8,594,611	3,820,637	-55.5	8,594,611	3,820,637	-55.5
Domestic visitor days - by air	5,224,360	3,707,312	-29.0	5,224,360	3,707,312	-29.0
International visitor days - by air	3,370,251	113,325	-96.6	3,370,251	113,325	-96.6
Visitor arrivals by air - by air	1,223,012	391,333	-68.0	1,223,012	391,333	-68.0
Domestic flight visitors - by air	712,552	385,828	-45.9	712,552	385,828	-45.9
International flight visitors - by air	510,460	5,505	-98.9	510,460	5,505	-98.9
Visitor expenditures - by air (\$1,000)	1,590,895	(NA)	(NA)	1,590,895	(NA)	(NA)
Hotel occupancy rates 2/	71.7	31.3	-40.4	71.7	31.3	-40.4

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](http://www.hawaii.gov/tax/a5_3txcolrpt.htm)> and Hospitality Advisors, LLC.

5/21/2021



**Table 3. 2021 QUARTERLY ECONOMIC INDICATORS: HAWAII COUNTY**

SERIES	1st QUARTER			YEAR-TO-DATE		
	2020	2021	% CHANGE YEAR AGO	2020	2021	% CHANGE YEAR AGO
Civilian labor force, NSA (persons) 1/	91,650	89,600	-2.2	91,650	89,600	-2.2
Civilian employed	89,400	81,700	-8.6	89,400	81,700	-8.6
Civilian unemployed	2,250	7,900	251.1	2,250	7,900	251.1
Unemployment rate, NSA (%) 1/ 2/	2.4	8.8	6.4	2.4	8.8	6.4
	-	-	0.0	-	-	0.0
Total wage and salary jobs	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Total non-agric. wage & salary jobs	71,000	59,100	-16.8	71,000	59,100	-16.8
Nat. Resources, Mining, Constr.	3,600	3,600	0.0	3,600	3,600	0.0
Manufacturing	1,400	1,300	-7.1	1,400	1,300	-7.1
Wholesale Trade	1,700	1,600	-5.9	1,700	1,600	-5.9
Retail Trade	9,600	9,000	-6.3	9,600	9,000	-6.3
Transp., Warehousing, Util.	3,200	2,400	-25.0	3,200	2,400	-25.0
Information	600	500	-16.7	600	500	-16.7
Financial Activities	2,600	2,100	-19.2	2,600	2,100	-19.2
Professional & Business Services	6,700	5,500	-17.9	6,700	5,500	-17.9
Educational Services	1,300	1,100	-15.4	1,300	1,100	-15.4
Health Care & Social Assistance	7,900	7,300	-7.6	7,900	7,300	-7.6
Arts, Entertainment & Recreation	1,500	400	-73.3	1,500	400	-73.3
Accommodation	6,500	3,400	-47.7	6,500	3,400	-47.7
Food Services & Drinking Places	6,800	4,900	-27.9	6,800	4,900	-27.9
Other Services	2,200	1,900	-13.6	2,200	1,900	-13.6
Government	15,300	14,100	-7.8	15,300	14,100	-7.8
Federal	1,300	1,100	-15.4	1,300	1,100	-15.4
State	11,200	10,200	-8.9	11,200	10,200	-8.9
Local	2,800	2,800	0.0	2,800	2,800	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)	165,242	164,416	-0.5	165,242	164,416	-0.5
Residential	90,107	96,378	7.0	90,107	96,378	7.0
Commercial & industrial	29,674	36,428	22.8	29,674	36,428	22.8
Additions & alterations	45,461	31,610	-30.5	45,461	31,610	-30.5
Visitor Days - by air	3,269,046	1,834,169	-43.9	3,269,046	1,834,169	-43.9
Domestic visitor days - by air	2,693,913	1,818,573	-32.5	2,693,913	1,818,573	-32.5
International visitor days - by air	575,132	15,596	-97.3	575,132	15,596	-97.3
Visitor arrivals by air - by air	390,138	163,530	-58.1	390,138	163,530	-58.1
Domestic flight visitors - by air	300,239	163,113	-45.7	300,239	163,113	-45.7
International flight visitors - by air	89,898	420	-99.5	89,898	420	-99.5
Visitor expenditures - by air (\$1,000)	625,027	(NA)	(NA)	625,027	(NA)	(NA)
Hotel occupancy rates 2/	70.8	37.2	-33.5	70.8	37.2	-33.5

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/>>,

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Hawaii State Department of Taxation <[http://www.hawaii.gov/tax/a5\\_3txcolrpt.htm](http://www.hawaii.gov/tax/a5_3txcolrpt.htm)> and Hospitality Advisors, LLC.

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**Table 4. 2021 QUARTERLY ECONOMIC INDICATORS: MAUI COUNTY**

SERIES	1st QUARTER			YEAR-TO-DATE		
	2020	2021	% CHANGE YEAR AGO	2020	2021	% CHANGE YEAR AGO
Civilian labor force, NSA (persons) 1/	87,550	81,250	-7.2	87,550	81,250	-7.2
Civilian employed	85,850	70,850	-17.5	85,850	70,850	-17.5
Civilian unemployed	1,700	10,400	511.8	1,700	10,400	511.8
Unemployment rate, NSA (%) 1/ 2/	1.9	12.8	10.9	2	13	10.9
Total wage and salary jobs	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Total non-agric. wage & salary jobs	80,300	59,700	-25.7	80,300	59,700	-25.7
Nat. Resources, Mining, Constr.	4,300	4,200	-2.3	4,300	4,200	-2.3
Manufacturing	1,200	900	-25.0	1,200	900	-25.0
Wholesale Trade	1,600	1,200	-25.0	1,600	1,200	-25.0
Retail Trade	9,800	8,100	-17.3	9,800	8,100	-17.3
Transp., Warehousing, Util.	4,800	3,100	-35.4	4,800	3,100	-35.4
Information	500	400	-20.0	500	400	-20.0
Financial Activities	3,000	2,100	-30.0	3,000	2,100	-30.0
Professional & Business Services	7,300	5,200	-28.8	7,300	5,200	-28.8
Educational Services	1,200	1,000	-16.7	1,200	1,000	-16.7
Health Care & Social Assistance	8,200	7,900	-3.7	8,200	7,900	-3.7
Arts, Entertainment & Recreation	2,300	3,000	30.4	2,300	3,000	30.4
Accommodation	13,000	6,700	-48.5	13,000	6,700	-48.5
Food Services & Drinking Places	10,500	4,700	-55.2	10,500	4,700	-55.2
Other Services	3,400	2,500	-26.5	3,400	2,500	-26.5
Government	9,200	8,600	-6.5	9,200	8,600	-6.5
Federal	900	800	-11.1	900	800	-11.1
State	5,700	5,200	-8.8	5,700	5,200	-8.8
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)	145,645	103,552	-28.9	145,645	103,552	-28.9
Residential	31,274	42,045	34.4	31,274	42,045	34.4
Commercial & industrial	76,217	48,316	-36.6	76,217	48,316	-36.6
Additions & alterations	38,154	13,192	-65.4	38,154	13,192	-65.4
Visitor Days - by air	5,352,612	3,297,175	-38.4	5,352,612	3,297,175	-38.4
Domestic visitor days - by air	4,469,332	3,247,357	-27.3	4,469,332	3,247,357	-27.3
International visitor days - by air	883,281	49,818	-94.4	883,281	49,818	-94.4
Visitor arrivals by air - by air	614,695	334,715	-45.5	614,695	334,715	-45.5
Domestic flight visitors - by air	516,361	332,919	-35.5	516,361	332,919	-35.5
International flight visitors - by air	98,334	1,796	-98.2	98,334	1,796	-98.2
Visitor expenditures - by air (\$1,000)	1,222,027	(NA)	(NA)	1,222,027	(NA)	(NA)
Hotel occupancy rates 2/	67.7	34.3	-33.4	67.7	34.3	-33.4

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>>;

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5/21/2021

**Table 5. 2021 QUARTERLY ECONOMIC INDICATORS: KAUAI COUNTY**

SERIES	1st QUARTER			YEAR-TO-DATE		
	2020	2021	% CHANGE YEAR AGO	2020	2021	% CHANGE YEAR AGO
Civilian labor force, NSA (persons) 1/	36,850	33,550	-9.0	36,850	33,550	-9.0
Civilian employed	36,050	29,000	-19.6	36,050	29,000	-19.6
Civilian unemployed	800	4,550	468.8	800	4,550	468.8
Unemployment rate, NSA (%) 1/ 2/	2.1	13.5	11.4	2.1	13.5	11.4
Total wage and salary jobs	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Total non-agric. wage & salary jobs	33,100	23,900	-27.8	33,100	23,900	-27.8
Nat. Resources, Mining, Constr.	2,000	2,000	0.0	2,000	2,000	0.0
Manufacturing	500	400	-20.0	500	400	-20.0
Wholesale Trade	500	400	-20.0	500	400	-20.0
Retail Trade	4,100	3,500	-14.6	4,100	3,500	-14.6
Transp., Warehousing, Util.	1,500	900	-40.0	1,500	900	-40.0
Information	200	200	0.0	200	200	0.0
Financial Activities	1,200	800	-33.3	1,200	800	-33.3
Professional & Business Services	3,200	2,700	-15.6	3,200	2,700	-15.6
Educational Services	300	300	0.0	300	300	0.0
Health Care & Social Assistance	2,900	2,700	-6.9	2,900	2,700	-6.9
Arts, Entertainment & Recreation	1,200	200	-83.3	1,200	200	-83.3
Accommodation	4,700	1,500	-68.1	4,700	1,500	-68.1
Food Services & Drinking Places	4,600	2,400	-47.8	4,600	2,400	-47.8
Other Services	1,100	1,000	-9.1	1,100	1,000	-9.1
Government	5,200	5,000	-3.8	5,200	5,000	-3.8
Federal	600	500	-16.7	600	500	-16.7
State	3,300	3,200	-3.0	3,300	3,200	-3.0
Local	1,300	1,300	0.0	1,300	1,300	0.0
Agriculture wage and salary jobs	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
General excise & use tax rev. (\$1,000)	(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)	35,273	43,719	23.9	35,273	43,719	23.9
Residential	35,273	43,719	23.9	35,273	43,719	23.9
Commercial & industrial	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Additions & alterations	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Visitor Days - by air	2,206,135	354,252	-83.9	2,206,135	354,252	-83.9
Domestic visitor days - by air	1,979,369	354,126	-82.1	1,979,369	354,126	-82.1
International visitor days - by air	226,766	126	-99.9	226,766	126	-99.9
Visitor arrivals by air - by air	281,681	26,469	-90.6	281,681	26,469	-90.6
Domestic flight visitors - by air	246,601	26,451	-89.3	246,601	26,451	-89.3
International flight visitors - by air	35,079	18	-99.9	35,079	18	-99.9
Visitor expenditures - by air (\$1,000)	441,467	(NA)	(NA)	441,467	(NA)	(NA)
Hotel occupancy rates 2/	68.8	25.2	-43.6	68.8	25.2	-43.6

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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5/21/2021

## A. LABOR FORCE AND JOBS

Hawaii's labor market conditions were all negative in the first quarter of 2021. The civilian labor force and the civilian employment both decreased. Since the civilian employment decreased more than the civilian labor force, the civilian unemployment rate increased in the quarter. The civilian non-agricultural wage and salary jobs also decreased.

In the first quarter of 2021, the civilian labor force averaged 655,300 people, a decrease of 19,400 people or 2.9 percent from the same quarter of 2020 (Table A-1). In 2020, the civilian labor force declined by 21,000 people or 3.1 percent from the previous year.

Civilian employment averaged 596,200 people in the first quarter of 2021, a decrease of 65,250 people or 9.9 percent compared to the same quarter of 2020 (Table A-2). In 2020, average civilian employment decreased 79,950 people or 12.2 percent from the previous year.

In the first quarter of 2021, the number of civilian unemployed averaged 59,150, an increase of 45,900 people or 346.4 percent from the same quarter of 2020 (Table A-3). In 2020, the number of unemployed increased 59,000 people or 359.8 percent from the previous year.

The unemployment rate (not seasonally adjusted) was 9.0 percent in the first quarter of 2021, 7.0 percentage points above the first quarter of 2020 (Table A-4). In 2020, the unemployment rate increased 9.1 percentage points from the previous year's 2.5 percent.

In the first quarter of 2021, Hawaii's non-agricultural wage and salary jobs averaged 547,000 jobs, a decrease of 113,300 jobs or 17.2 percent from the same quarter of 2020 (Table A-6). In 2020, average non-agricultural wage and salary jobs decreased 15.4 percent or 101,400 jobs from the previous year.

The job decrease in the first quarter of 2021 was due to job decreases in both the private sector and the government sector. In this quarter, the private sector lost about 101,800 non-agricultural jobs compared to the first quarter of 2020. All private sectors lost jobs in the quarter. Jobs decreased the most in Accommodation, which lost 22,300 jobs or 51.3 percent (Table A-18); followed by Food Services and Drinking Places, which lost 20,800 jobs or 30.0 percent (Table A-19), Retail Trade, which lost 11,600 jobs or 16.4 percent (Table A-10), Transportation, Warehousing & Utilities, which lost 10,800 jobs or 29.6 percent (Table A-11), Professional & Business Services, which lost 7,400 jobs or 9.9 percent (Table A-14), Other Services, which lost 6,600 jobs or 23.5 percent (Table A-20), and Arts, Entertainment & Recreation, which lost 6,000 jobs or 44.4 percent (Table A-17) in the quarter.

The Government sector lost 11,500 jobs or 8.9 percent (Table A-21) in the first quarter of 2021 compared to the same quarter of 2020. The Federal Government lost 1,200 jobs or 3.4 percent (Table A-22), the State Government lost 10,000 jobs or 13.4 percent (Table A-23), and the Local Government lost 200 jobs or 1.1 percent (Table A-24), compared to the first quarter of 2020.

**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	656,600	658,800	652,000	665,600	658,300
2019 2/ 3/	657,500	658,000	652,900	665,700	658,500
2020 2/ 3/	660,300	515,400	516,200	536,700	557,100
2021	547,000	(NA)	(NA)	Year-to-Date	547,000
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	0.6	0.4	0.4	0.6	0.5
2019 2/ 3/	0.1	-0.1	0.1	0.0	0.0
2020 2/ 3/	0.4	-21.7	-20.9	-19.4	-15.4
2021	-17.2	(NA)	(NA)	Year-to-Date	-17.2

NA Not available.

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

2/ 2019 and 2020 data benchmarked by DLIR in March 2021.

3/ 2019Q2 through 2020Q4, Annual Average 2019 and 2020 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 fourth quarter of 2020, total annualized nominal GDP decreased \$6,235 million or 6.4 percent, from the fourth quarter of 2019. In 2020, total annualized nominal GDP decreased \$5,888 million or 6.1 percent from the same period of the previous year. In the fourth quarter of 2020, total annualized real GDP (in chained 2012 dollars) decreased \$6,934 million or 8.4 percent from the fourth quarter of 2019. In 2020, total annualized real GDP decreased \$6,609 million or 8.0 percent from the previous year (Tables B-1 to B-3).

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

In the fourth quarter of 2020, total nominal annualized personal income (i.e. not adjusted for inflation) increased \$681.7 million or 0.8 percent over that of 2019 (Table B-5). In 2020, total annualized personal income was \$85,445.5 million, an increase of 5.8 percent from the previous year.

In the fourth quarter of 2020, wages and salaries decreased \$4,370.4 million or 10.9 percent over that of 2019. In 2020, wages and salaries decreased 7.9 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, decreased \$850.0 million or 7.6 percent in the fourth quarter of 2020 from the same quarter of 2019 (Table B-9). In 2020, supplements to wages and salaries decreased 5.7 percent from the previous year.

Proprietors' income increased \$117.0 million or 1.7 percent in the fourth quarter of 2020 over that of 2019 (Table B-10). In 2020, proprietors' income was up 0.1 percent from the previous year.

Dividends, interest, and rent decreased \$220.5 million or 1.3 percent in the fourth quarter of 2020 from the same quarter of 2019. In 2020, income in this category was down 0.4 percent from the previous year (Table B-11).

The annualized personal current transfer receipts grew by \$5,363.5 million or 41.8 percent in the fourth quarter of 2020 from the same quarter of 2019 (Table B-12). In 2020, personal current transfer receipts increased 64.2 percent from the previous year.

Contributions to government social insurance, which is subtracted from total personal income, decreased \$642.0 million or 9.7 percent in the fourth quarter of 2020 compared to the fourth quarter of 2019. In 2020, contributions to government social insurance decreased 6.4 percent from the previous year (Table B-13).

In the fourth quarter of 2020, total non-farm private sector annualized earnings decreased \$4,814.0 million or 11.7 percent from the fourth quarter of 2019. In dollar terms, the largest decrease occurred in accommodation and food services; followed by transportation and warehousing, retail trade, arts, entertainment, and recreation, administration and management services, and other services. Increases were seen in construction and health care and social assistance. During the fourth quarter of 2020, total government earnings decreased \$381.5 million or 2.3 percent from the same quarter of 2019. Earnings from the federal government increased \$164.1 million or 1.8 percent. Earnings from the state and local governments decreased \$545.5 million or 7.3 percent in the quarter.

In the second 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 and is higher than the second half of 2019 Honolulu CPI-U increase of 1.3 percent from the same period of the previous year. In the second half of 2020, the Honolulu CPI-U increased the most in Food and Beverages (6.9 percent), followed by Recreation (4.5 percent), Education and Communication (4.2 percent), and Housing (1.4 percent). The price of Apparel decreased 7.1 percent; the price of Transportation decreased 5.2 percent, and the price of Other Goods and Services decreased 1.8 percent compared to the second 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 Sept. 2003, according to NAICS cla

Series 1/	Fourth Quarter 2019	Third Quarter 2020	Fourth Quarter 2020	AnnAver 2019	AnnAver 2020	Percentage change		
						Fourth Quarter 2020		AnnAver 2020
						Fourth Quarter 2019	Third Quarter 2020	AnnAver 2019
PERSONAL INCOME	81,584,760	85,782,985	82,266,468	80,726,523	85,445,502	0.8	-4.1	5.8
Earnings By Place of Work	58,129,872	52,723,560	53,026,548	57,466,336	53,710,604	-8.8	0.6	-6.5
Wages and salaries	40,027,756	35,239,243	35,657,372	39,570,051	36,452,562	-10.9	1.2	-7.9
Supplements to wages and salaries	11,254,648	10,376,287	10,404,665	11,187,748	10,544,629	-7.6	0.3	-5.7
Emp'er contrib. for emp'ee pension & ins. funds	8,107,900	7,501,783	7,535,023	8,077,067	7,599,268	-7.1	0.4	-5.9
Employer contributions for gov't social ins.	3,146,748	2,874,504	2,869,642	3,110,681	2,945,361	-8.8	-0.2	-5.3
Proprietors' income	6,847,468	7,108,030	6,964,511	6,708,537	6,713,413	1.7	-2.0	0.1
Farm proprietors' income	12,124	86,385	92,972	14,489	66,787	666.8	7.6	360.9
Nonfarm proprietors' income	6,835,344	7,021,645	6,871,539	6,694,048	6,646,626	0.5	-2.1	-0.7
Dividends, interest, and rent	17,286,792	16,928,768	17,066,317	17,168,006	17,092,023	-1.3	0.8	-0.4
plus: Personal current transfer receipts	12,818,660	22,113,187	18,182,195	12,672,775	20,803,660	41.8	-17.8	64.2
Social Security benefits	4,599,812	4,777,521	4,817,436	4,541,750	4,766,902	4.7	0.8	5.0
Medicare benefits	2,901,720	3,076,426	3,146,046	2,850,700	3,038,527	8.4	2.3	6.6
Medicaid	2,243,508	2,508,653	2,570,603	2,201,532	2,422,696	14.6	2.5	10.0
State unempl. ins. comp.	144,560	8,018,404	3,051,580	145,840	5,492,799	2,010.9	-61.9	3,666.3
All other personal current transfer receipts	2,929,060	3,732,183	4,596,530	2,932,953	5,082,736	56.9	23.2	73.3
Less: Contributions for gov't social insurance	6,650,564	5,982,530	6,008,592	6,580,594	6,160,784	-9.7	0.4	-6.4
Personal contributions for gov't social ins.	3,503,816	3,108,026	3,138,950	3,469,913	3,215,423	-10.4	1.0	-7.3
Employer contributions for gov't social ins.	3,146,748	2,874,504	2,869,642	3,110,681	2,945,361	-8.8	-0.2	-5.3
Earnings By Industry	58,129,872	52,723,560	53,026,548	57,466,336	53,710,604	-8.8	0.6	-6.5
Farm Earnings	236,324	318,643	328,409	230,919	299,171	39.0	3.1	29.6
Nonfarm Earnings	57,893,548	52,404,917	52,698,139	57,235,417	53,411,433	-9.0	0.6	-6.7
Private earnings	41,206,380	35,929,286	36,392,422	40,701,231	37,008,989	-11.7	1.3	-9.1
Forestry, fishing, & related activities	98,276	106,064	104,653	90,099	99,295	6.5	-1.3	10.2
Mining	32,052	32,900	33,361	31,504	32,104	4.1	1.4	1.9
Utilities	631,888	565,869	557,804	607,714	592,755	-11.7	-1.4	-2.5
Construction	4,535,772	4,682,317	4,860,363	4,508,095	4,672,796	7.2	3.8	3.7
Manufacturing	966,420	811,991	818,267	972,057	864,452	-15.3	0.8	-11.1
Durable goods	332,920	313,853	312,737	332,338	315,628	-6.1	-0.4	-5.0
Nondurable goods	633,500	498,138	505,530	639,719	548,824	-20.2	1.5	-14.2
Wholesale trade	1,445,984	1,284,322	1,281,313	1,462,939	1,330,273	-11.4	-0.2	-9.1
Retail trade	3,453,696	3,039,513	3,124,759	3,415,452	3,142,724	-9.5	2.8	-8.0
Transportation and warehousing	2,689,904	2,319,048	2,063,127	2,609,905	2,272,230	-23.3	-11.0	-12.9
Information	860,332	738,378	770,222	862,570	770,975	-10.5	4.3	-10.6
Finance and insurance	1,813,744	1,818,718	1,903,149	1,773,535	1,861,340	4.9	4.6	5.0
Real estate and rental and leasing	1,921,388	1,879,046	1,946,830	1,899,302	1,877,689	1.3	3.6	-1.1
Prof., scientific, & technical services	3,242,908	3,237,479	3,339,474	3,225,402	3,272,872	3.0	3.2	1.5
Management of companies and enterprises	1,061,040	935,742	947,406	1,068,452	961,143	-10.7	1.2	-10.0
Admin. & waste management services	2,280,564	1,968,892	2,005,601	2,256,386	2,096,182	-12.1	1.9	-7.1
Educational services	859,060	834,193	786,021	851,129	819,246	-8.5	-5.8	-3.7
Health care and social assistance	5,999,504	6,119,814	6,253,784	5,911,118	6,020,717	4.2	2.2	1.9
Arts, entertainment, and recreation	820,652	427,583	514,471	784,028	532,422	-37.3	20.3	-32.1
Accommodation and food services	6,068,036	3,002,221	2,904,728	5,991,548	3,598,973	-52.1	-3.2	-39.9
Other services, except public admin.	2,425,160	2,125,196	2,177,089	2,379,996	2,190,804	-10.2	2.4	-7.9
Government and government enterprises	16,687,168	16,475,631	16,305,717	16,534,186	16,402,444	-2.3	-1.0	-0.8
Federal	9,239,508	9,385,564	9,403,570	9,132,402	9,278,560	1.8	0.2	1.6
Federal, civilian	4,128,224	4,190,635	4,121,941	4,040,782	4,132,128	-0.2	-1.6	2.3
Military	5,111,284	5,194,929	5,281,629	5,091,620	5,146,433	3.3	1.7	1.1
State and local	7,447,660	7,090,067	6,902,147	7,401,784	7,123,884	-7.3	-2.7	-3.8

1/ 2010Q1 to 2020Q3 revised from previous QSER.

Source: U.S. Department of Commerce, Bureau of Economic Analysis, State Quarterly Personal Income, March 24, 2021 <<http://www.bea.gov/iTable/iTable.cfm?reqid=70&step=1&isuri=1&acrdn=3>> accessed March 24, 2021.

**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
2020	258.811	286.008	301.370	314.089	113.298	212.767	(3/)	135.660	147.241	498.753
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
H2	260.065	286.931	307.600	313.361	110.493	212.484	437.550	135.671	149.410	502.693

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 January 13, 2021.

**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
2020	1.2	1.6	4.8	2.0	-1.3	-4.9	(3/)	3.6	2.6	-1.1
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
H2	1.2	1.6	6.9	1.4	-7.1	-5.2	(3/)	4.5	4.2	-0.8

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 January 13, 2021.

## C. TAX REVENUES

The State general fund tax revenues decreased in the first quarter of 2021 compared to the same quarter of 2020.<sup>1</sup> Among the components shown, GET and the Transient Accommodations Tax (TAT) decreased while Net Corporate Income Tax and Net Individual Income Tax increased in the quarter.

In the first quarter of 2021, total tax collections distributed to the State general fund totaled \$1,599.0 million, a decrease of \$192.0 million or 10.7 percent over the same quarter of 2020 (Tables C-1 and C-2). In 2020, State general fund tax revenues decreased \$901.5 million or 12.3 percent over the previous year.

During the first quarter of 2021, GET revenues (excluding the Honolulu County Surcharge) totaled \$793.4 million, a decrease of \$177.8 million or 18.3 percent over the same quarter of 2020 (Table C-3). In 2020, GET revenues decreased \$563.4 million or 15.6 percent from the previous year.

Compared to the first quarter of 2020, Net Individual Income Tax revenues increased \$97.4 million or 17.4 percent to \$657.4 million in the first quarter of 2021 (Table C-4). In the first quarter of 2021, Declaration of Estimated Taxes increased \$13.8 million or 6.9 percent (Table C-5), Payments with Returns increased

\$19.4 million or 46.3 percent (Table C-6), Revenues from Withholding Tax on Wages decreased \$9.4 million or 1.6 percent (Table C-7), and Refunds decreased \$73.6 million or 29.0 percent (Table C-8). In 2020, Net Individual Income Tax collections decreased \$86.2 million or 3.2 percent from the previous year.

Net Corporate Income Tax revenues, which tend to be volatile by nature, changed from negative \$24.9 million in the first quarter of 2020 to negative \$1.4 million in the first quarter of 2021 (Table C-9). In the first quarter of 2021, the Declaration of Estimated Taxes increased 0.1 percent (Table C-10), the Payment with Returns increased \$1.2 million (Table C-11), and the Refunds decreased \$22.2 million or 34.2 percent (Table C-12), compared with the same quarter of 2020. In 2020, Net Corporate Income Tax revenues decreased \$95.9 million or 69.9 percent from the previous year.

In the first quarter of 2021, Transient Accommodations Tax (TAT) revenues decreased \$136.8 million or 69.4 percent compared to the same quarter of 2020 (Table C-13). In 2020, TAT revenues decreased \$355.4 million or 55.8 percent from the previous year.

<sup>1</sup> When interpreting tax figures in conjunction with other quarterly data in this report, it should be kept in mind that the tax data represent collections during the quarter. The transactions on which the taxes were paid did not necessarily take place during the quarter.



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

Year	General Excise and Use Tax	Net Individual Income Tax 1/	Net Corporate Income Tax 2/	Tax Revenues Distributed to State General Fund
In Thousands of Dollars				
1990	1,250,204	743,114	86,269	2,246,752
1991	1,287,818	900,962	70,568	2,397,289
1992	1,299,814	922,206	42,737	2,523,670
1993	1,308,797	951,405	22,239	2,555,912
1994	1,347,945	1,003,479	34,228	2,672,291
1995	1,386,684	918,811	37,336	2,614,713
1996	1,469,766	995,456	51,243	2,799,972
1997	1,433,012	985,000	55,594	2,756,621
1998	1,436,654	1,093,241	50,112	2,889,291
1999	1,454,778	1,053,858	47,692	2,841,290
2000	1,611,446	1,080,371	67,650	3,067,622
2001	1,660,764	1,100,317	48,269	3,172,250
2002	1,679,840	1,059,646	55,373	3,116,029
2003	3/ 1,820,498	1,071,356	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/ 4/ 3,349,822	2,263,183	64,901	6,484,975
2018	3/ 4/ 3,426,525	2,523,786	126,138	6,933,078
2019	3,602,222	2,683,592	137,143	7,316,550
2020	5/ 3,038,781	2,597,385	41,288	6,415,089
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/ 3 Qtr. 473,268	274,359	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/ 4/ 3 Qtr. 901,033	539,171	35,995	1,691,534
	3/ 4/ 4 Qtr. 794,667	551,465	7,520	1,524,187
2018	3/ 4/ 1 Qtr. 959,068	508,708	19,302	1,710,827
	3/ 4/ 2 Qtr. 740,798	858,475	40,839	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
	5/ 4 Qtr. 694,087	593,262	28,637	1,454,433
2021	1 Qtr. 793,430	657,418	-1,423	1,599,011

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/ Net Individual Income Tax revised from previous QSER.  
 4/ Net Corporate Income Tax revised from previous QSER.  
 5/ Tax Revenues Distributed to State General Fund revised from previous QSER.  
 Source: Hawaii State Department of Taxation and <[http://www.hawaii.gov/tax/a5\\_3txcolrpt.htm](http://www.hawaii.gov/tax/a5_3txcolrpt.htm)>.

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

Year	General Excise and Use Tax	Net Individual Income Tax 1/	Net Corporate Income Tax 2/	Tax Revenues Distributed to State General Fund
Percentage Change from the Same Period in Previous Year				
1991	3.0	21.2	-18.2	6.7
1992	0.9	2.4	-39.4	5.3
1993	0.7	3.2	-48.0	1.3
1994	3.0	5.5	53.9	4.6
1995	2.9	-8.4	9.1	-2.2
1996	6.0	8.3	37.2	7.1
1997	-2.5	-1.1	8.5	-1.5
1998	0.3	11.0	-9.9	4.8
1999	1.3	-3.6	-4.8	-1.7
2000	10.8	2.5	41.8	8.0
2001	3.1	1.8	-28.6	3.4
2002	1.1	-3.7	14.7	-1.8
2003	3/ 8.4	1.1	-90.6	3.1
2004	3/ 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	3/ 4/ 4.5	6.8	-27.6	4.3
2018	3/ 4/ 2.3	11.5	94.4	6.9
2019	3/ 4/ 5.1	6.3	8.7	5.5
2020	5/ -15.6	-3.2	-69.9	-12.3
2003	1 Qtr. 15.0	-4.6	(6/)	1.3
	2 Qtr. 13.4	-3.6	-11.8	7.4
	3/ 3 Qtr. 0.0	3.0	91.1	-0.1
	4 Qtr. 6.8	9.3	-103.9	3.9
2004	1 Qtr. 11.2	3.0	(6/)	13.2
	2 Qtr. 6.3	36.6	61.7	16.3
	3/ 3 Qtr. 9.7	18.8	85.9	15.5
	4 Qtr. 10.3	5.1	(6/)	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	(6/)	-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	(6/)	9.0
2011	1 Qtr. 5.8	-32.4	(6/)	-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	(6/)	2.5
2012	1 Qtr. 8.9	-4.6	(6/)	11.1
	2 Qtr. 7.9	22.7	25.6	15.6
	3 Qtr. 12.8	10.1	100.1	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	(6/)	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	(6/)	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	(6/)	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	(6/)	4.8
	2 Qtr. 2.5	2.4	3.3	1.7
	3/ 4/ 3 Qtr. 12.5	5.8	73.9	9.4
	3/ 4/ 4 Qtr. 1.4	8.0	(6/)	1.6
2018	3/ 4/ 1 Qtr. 15.3	-8.6	(6/)	8.6
	3/ 4/ 2 Qtr. -9.9	39.3	-36.8	10.4
	3/ 4/ 3 Qtr. -2.3	7.4	-31.0	0.4
	3/ 4/ 4 Qtr. 6.5	4.7	(6/)	8.6
2019	3/ 4/ 1 Qtr. -4.5	3.1	20.1	-1.3
	3/ 4/ 2 Qtr. 21.3	3.4	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	(6/)	6.1
	2 Qtr. -24.6	-40.5	(6/)	-34.5
	3 Qtr. -24.6	38.9	66.8	-3.2
	5/ 4 Qtr. -19.7	-3.1	115.9	-13.2
2021	1 Qtr. -18.3	17.4	-94.3	-10.7

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/ Net Individual Income Tax revised from previous QSER.  
 4/ Net Corporate Income Tax revised from previous QSER.  
 5/ Tax Revenues Distributed to State General Fund revised from previous QSER.  
 6/ Percentage changes involving negative values not meaningful.  
 Source: Hawaii State Department of Taxation and <[http://www.hawaii.gov/tax/a5\\_3txcolrpt.htm](http://www.hawaii.gov/tax/a5_3txcolrpt.htm)>.



## D. TOURISM

Due to the impact of COVID-19, domestic visitor arrivals and international visitor arrivals both decreased in the first quarter of 2021. 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 1,248,651 or 59.6 percent in the first quarter of 2021, compared to the same quarter of 2020 (Table D-2). The total average daily census was down 110,030 or 51.6 percent in the quarter. In 2020, total visitor arrivals by air decreased 7,556,762 or 73.8 percent, while the average daily census decreased 167,700 or 68.2 percent from the previous year.

In the first quarter of 2021, total visitor arrivals on domestic flights decreased 643,959 or 43.4 percent compared to the same quarter of 2020 (Table D-3). In 2020, domestic arrivals were down 5,191,164 or 71.6 percent from the previous year.

Arrivals on international flights decreased 604,692 or 98.8 percent in the first quarter of 2021 compared to the first quarter of 2020 (Table D-4). In 2020, international arrivals decreased 2,365,598 or 79.1 percent from the previous year.

In terms of major market areas, from the first quarter of 2020 to the same period of 2021, arrivals from the U.S. West decreased 335,885 or 37.0 percent (Table D-5), arrivals from the U.S. East decreased 266,459 or 51.8 percent (Table D-6), and arrivals from Japan decreased 291,318 or 99.0 percent (Table D-7). In 2020, arrivals from the U.S. West were down 3,288,931 or 71.6 percent; arrivals from the U.S. East were down 1,600,460 or 70.3 percent; and Japanese arrivals were down 1,278,962 or 81.1 percent from the previous year.

In the first quarter of 2021, 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 51.6 percent or 110,030 visitors per day in the first quarter of 2021, over the same quarter of 2020 (Table D-8). The domestic average daily census decreased 35.8 percent or 56,464 visitors per day (Table D-9), while the international average daily census decreased 96.4 percent or 53,567 visitors per day (Table D-10). In 2020, the domestic average daily census decreased 118,580 or 65.1 percent; and the international average daily census declined 49,119 or 77.4 percent from 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 45.0 percent or 1,464,726 seats (Table D-12) in the first quarter of 2021, domestic seats decreased 27.8 percent or 658,535 seats (Table D-13); international seats declined 91.3 percent or 806,191 seats (Table D-14), compared to the same quarter of 2020. In 2020, the number of total available seats decreased 60.6 percent or 8,194,218 seats from the previous year.

In the first quarter of 2021, the statewide hotel occupancy rate averaged 32.4 percent, 38.0 percentage points lower than the same quarter of 2020 (Table D-15). In 2020, the statewide hotel occupancy rate averaged 37.1 percent, 43.7 percentage points lower than that of the previous year.

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

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

Year	Visitor Arrivals 1/			Average Daily Visitor Census		
	Total	Domestic	International	Total	Domestic	International
1990	6,723,531	4,315,161	2,408,370	154,517	113,066	41,450
1991	6,518,460	4,068,508	2,449,952	147,323	105,686	41,637
1992	6,473,669	3,791,945	2,681,724	152,249	106,589	45,660
1993	6,070,995	3,570,059	2,500,936	147,498	100,430	47,068
1994	6,364,674	3,813,279	2,551,395	156,630	107,904	48,726
1995	6,546,759	3,743,474	2,803,285	157,098	105,649	51,450
1996	6,723,141	3,794,113	2,929,028	158,297	106,404	51,892
1997	6,761,135	3,890,798	2,870,337	157,187	108,019	49,168
1998	6,595,790	4,014,140	2,581,650	157,389	112,068	45,320
1999	6,741,037	4,255,621	2,485,416	164,439	117,998	46,441
2000	6,948,595	4,446,936	2,501,659	168,637	123,442	45,196
2001	6,303,789	4,224,321	2,079,468	158,247	118,106	40,141
2002	6,389,059	4,358,851	2,030,208	160,195	121,029	39,165
2003	6,380,439	4,531,289	1,849,150	161,048	123,389	37,659
2004	6,912,094	4,892,960	2,019,134	171,481	132,355	39,126
2005	7,416,574	5,313,281	2,103,293	185,445	144,396	41,049
2006	7,528,106	5,550,125	1,977,981	189,441	149,545	39,895
2007	7,496,820	5,582,530	1,914,290	189,412	150,960	38,452
2008	6,713,436	4,901,893	1,811,543	172,487	135,239	37,248
2009	6,420,448	4,672,001	1,748,447	165,082	129,100	35,983
2010	6,916,894	4,957,352	1,959,542	177,949	136,407	41,542
2011	7,174,397	5,127,291	2,047,106	185,824	142,027	43,797
2012	7,867,143	5,403,025	2,464,118	201,267	148,887	52,380
2013	8,003,474	5,405,300	2,598,174	202,876	149,213	53,663
2014	8,196,342	5,486,059	2,710,283	206,217	151,076	55,141
2015	8,563,018	5,782,140	2,780,878	213,934	156,026	57,908
2016	8,821,802	5,968,779	2,853,023	217,675	157,953	59,723
2017	9,277,613	6,239,748	3,037,865	229,063	164,273	64,791
2018	9,761,448	6,736,736	3,024,712	240,341	174,611	65,731
2019	10,243,165	7,253,806	2,989,359	245,733	182,288	63,445
2020 2/	2,686,403	2,062,642	623,761	78,033	63,708	14,326
2001 1 Qtr.	1,715,088	1,079,787	635,301	176,954	126,606	50,348
2 Qtr.	1,673,990	1,129,578	544,413	159,596	120,781	38,816
3 Qtr.	1,647,049	1,091,324	555,725	162,674	119,887	42,787
4 Qtr.	1,267,662	923,632	344,030	134,185	105,365	28,821
2002 1 Qtr.	1,537,636	1,042,844	494,792	162,745	122,622	40,124
2 Qtr.	1,583,029	1,115,788	467,241	153,178	119,430	33,749
3 Qtr.	1,694,239	1,170,113	524,126	167,584	126,274	41,310
4 Qtr.	1,574,155	1,030,106	544,049	157,250	115,809	41,441
2003 1 Qtr.	1,562,878	1,049,338	513,540	163,475	118,886	44,588
2 Qtr.	1,501,363	1,168,919	332,444	150,775	123,760	27,016
3 Qtr.	1,719,130	1,234,881	484,249	171,357	131,942	39,415
4 Qtr.	1,597,067	1,078,150	518,917	158,528	118,874	39,654
2004 1 Qtr.	1,639,213	1,138,607	500,606	171,479	128,237	43,242
2 Qtr.	1,712,588	1,252,707	459,881	164,897	131,766	33,132
3 Qtr.	1,852,939	1,318,363	534,576	180,936	140,130	40,806
4 Qtr.	1,707,354	1,183,283	524,071	168,540	129,234	39,306
2005 1 Qtr.	1,821,151	1,279,704	541,447	192,126	146,732	45,394
2 Qtr.	1,787,046	1,304,549	482,497	172,635	137,683	34,952
3 Qtr.	1,995,901	1,452,425	543,476	196,484	153,816	42,667
4 Qtr.	1,812,476	1,276,603	535,873	180,542	139,332	41,209
2006 1 Qtr.	1,836,867	1,300,840	536,027	198,665	149,596	49,069
2 Qtr.	1,865,545	1,410,404	455,141	180,356	147,415	32,942
3 Qtr.	1,992,088	1,496,473	495,615	195,968	156,511	39,457
4 Qtr.	1,833,607	1,342,409	491,198	182,876	144,638	38,238
2007 1 Qtr.	1,826,527	1,323,255	503,272	193,365	149,663	43,701
2 Qtr.	1,856,609	1,434,445	422,164	184,702	150,976	33,726
3 Qtr.	2,002,719	1,491,746	510,973	195,509	156,793	38,716
4 Qtr.	1,810,966	1,333,085	477,881	184,106	146,380	37,727
2008 1 Qtr.	1,841,516	1,347,836	493,680	196,032	152,981	43,051
2 Qtr.	1,668,379	1,251,941	416,438	166,503	134,204	32,299
3 Qtr.	1,670,428	1,202,383	468,045	167,502	129,701	37,801
4 Qtr.	1,533,113	1,099,733	433,380	160,101	124,250	35,851
2009 1 Qtr.	1,568,857	1,106,530	462,327	169,946	130,386	39,561
2 Qtr.	1,595,081	1,232,085	362,996	161,808	130,589	31,219
3 Qtr.	1,715,358	1,253,208	462,150	169,752	133,326	36,426
4 Qtr.	1,541,152	1,080,178	460,974	158,893	122,142	36,751
2010 1 Qtr.	1,638,407	1,118,852	519,555	177,714	131,507	46,207
2 Qtr.	1,696,892	1,261,393	435,499	169,223	133,002	36,221
3 Qtr.	1,856,948	1,351,315	505,633	186,931	144,558	42,373
4 Qtr.	1,724,647	1,225,792	498,855	177,829	136,417	41,412
2011 1 Qtr.	1,781,445	1,241,338	540,107	196,827	146,802	50,025
2 Qtr.	1,724,205	1,297,685	426,520	173,967	138,108	35,858
3 Qtr.	1,872,833	1,335,712	537,121	186,064	143,099	42,965
4 Qtr.	1,795,914	1,252,556	543,358	186,549	140,159	46,391
2012 1 Qtr.	1,933,991	1,301,730	632,261	210,680	151,796	58,884
2 Qtr.	1,910,870	1,368,575	542,295	191,073	146,486	44,587
3 Qtr.	2,042,534	1,389,278	653,256	201,523	148,332	53,191
4 Qtr.	1,979,748	1,343,442	636,306	201,785	148,940	52,845
2013 1 Qtr.	2,022,871	1,356,149	666,722	216,218	156,744	59,474
2 Qtr.	1,974,892	1,399,913	574,979	194,526	148,513	46,013
3 Qtr.	2,077,453	1,392,557	684,896	205,127	149,990	55,138
4 Qtr.	1,928,258	1,256,681	671,577	195,832	141,761	54,072
2014 1 Qtr.	2,028,633	1,318,882	709,751	217,477	154,902	62,576
2 Qtr.	2,011,759	1,402,026	609,733	198,049	149,363	48,687
3 Qtr.	2,120,639	1,424,360	696,279	204,784	151,815	52,969
4 Qtr.	2,035,311	1,340,791	694,520	204,713	148,289	56,424
2015 1 Qtr.	2,097,862	1,371,980	725,882	224,128	158,420	65,709
2 Qtr.	2,145,806	1,513,399	632,407	208,378	157,721	50,657
3 Qtr.	2,197,037	1,483,636	713,401	212,094	154,700	57,394
4 Qtr.	2,122,312	1,413,124	709,188	211,299	153,335	57,963
2016 1 Qtr.	2,173,406	1,427,670	745,736	226,150	158,576	67,575
2 Qtr.	2,182,867	1,532,889	649,978	210,576	158,125	52,452
3 Qtr.	2,265,810	1,542,019	723,791	217,543	158,635	58,908
4 Qtr.	2,199,720	1,466,202	733,518	216,446	156,484	59,962
2017 1 Qtr.	2,233,387	1,451,371	782,016	235,110	162,699	72,411
2 Qtr.	2,318,012	1,617,920	700,092	224,262	166,207	58,055
3 Qtr.	2,399,481	1,621,643	777,838	228,534	165,431	63,103
4 Qtr.	2,326,733	1,548,814	777,919	228,427	162,740	65,687
2018 1 Qtr.	2,428,102	1,614,588	813,514	252,318	176,689	75,629
2 Qtr.	2,457,716	1,752,412	705,304	238,325	178,577	59,749
3 Qtr.	2,484,272	1,719,849	764,423	238,258	174,031	64,227
4 Qtr.	2,391,358	1,649,887	741,471	232,703	169,234	63,469
2019 1 Qtr.	2,487,105	1,682,020	805,085	251,520	178,065	73,454
2 Qtr.	2,607,041	1,915,973	691,068	244,561	188,140	56,420
3 Qtr.	2,639,669	1,887,558	752,111	247,924	184,744	63,180
4 Qtr.	2,509,350	1,768,255	741,095	239,040	178,173	60,866
2/ 2020 1 Qtr.	2,095,695	1,483,416	612,279	213,433	157,879	55,554
2/ 2 Qtr.	30,748	29,887	861	9,210	9,112	98
2/ 3 Qtr.	63,775	60,501	3,274	20,259	19,674	585
2/ 4 Qtr.	496,186	488,839	7,347	69,956	68,597	1,359
2/ 2021 1 Qtr.	847,044	839,457	7,587	103,403	101,415	1,987

1/ Staying overnight or longer.

2/ 2020 and 2021 data are preliminary.

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

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

Year	Visitor Arrivals 1/			Average Daily Visitor Census		
	Total	Domestic	International	Total	Domestic	International
Percentage Change from the Same Period in Previous Year						
1991	-3.1	-5.7	1.7	-4.7	-6.5	0.5
1992	-0.7	-6.8	9.5	3.3	0.9	9.7
1993	-6.2	-5.9	-6.7	-3.1	-5.8	3.1
1994	4.8	6.8	2.0	6.2	7.4	3.5
1995	2.9	-1.8	9.9	0.3	-2.1	5.6
1996	2.7	1.4	4.5	0.8	0.7	0.9
1997	0.6	2.5	-2.0	-0.7	1.5	-5.2
1998	-2.4	3.2	-10.1	0.1	3.7	-7.8
1999	2.2	6.0	-3.7	4.5	5.3	2.5
2000	3.1	4.5	0.7	2.6	4.6	-2.7
2001	-9.3	-5.0	-16.9	-6.2	-4.3	-11.2
2002	1.4	3.2	-2.4	1.2	2.5	-2.4
2003	-0.1	4.0	-8.9	0.5	1.9	-3.8
2004	8.3	8.0	9.2	6.5	7.3	3.9
2005	7.3	8.6	4.2	8.1	9.1	4.9
2006	1.5	4.5	-6.0	2.2	3.6	-2.8
2007	-0.4	0.6	-3.2	0.0	0.9	-3.6
2008	-10.4	-12.2	-5.4	-8.9	-10.4	-3.1
2009	-4.4	-4.7	-3.5	-4.3	-4.5	-3.4
2010	7.7	6.1	12.1	7.8	5.7	15.4
2011	3.7	3.4	4.5	4.4	4.1	5.4
2012	9.7	5.4	20.4	8.3	4.8	19.6
2013	1.7	0.0	5.4	0.8	0.2	2.4
2014	2.4	1.5	4.3	1.6	1.2	2.8
2015	4.5	5.4	2.6	3.7	3.3	5.0
2016	3.0	3.2	2.6	1.7	1.2	3.1
2017	5.2	4.5	6.5	5.2	4.0	8.5
2018	5.2	8.0	-0.4	4.9	6.3	1.5
2019	4.9	7.7	-1.2	2.2	4.4	-3.5
2020 2/	-73.8	-71.6	-79.1	-68.2	-65.1	-77.4
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
2/ 4 Qtr.	-80.2	-72.4	-99.0	-70.7	-61.5	-97.8
2/ 2021 1 Qtr.	-59.6	-43.4	-98.8	-51.6	-35.8	-96.4

1/ Staying overnight or longer.

2/ 2020 and 2021 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**

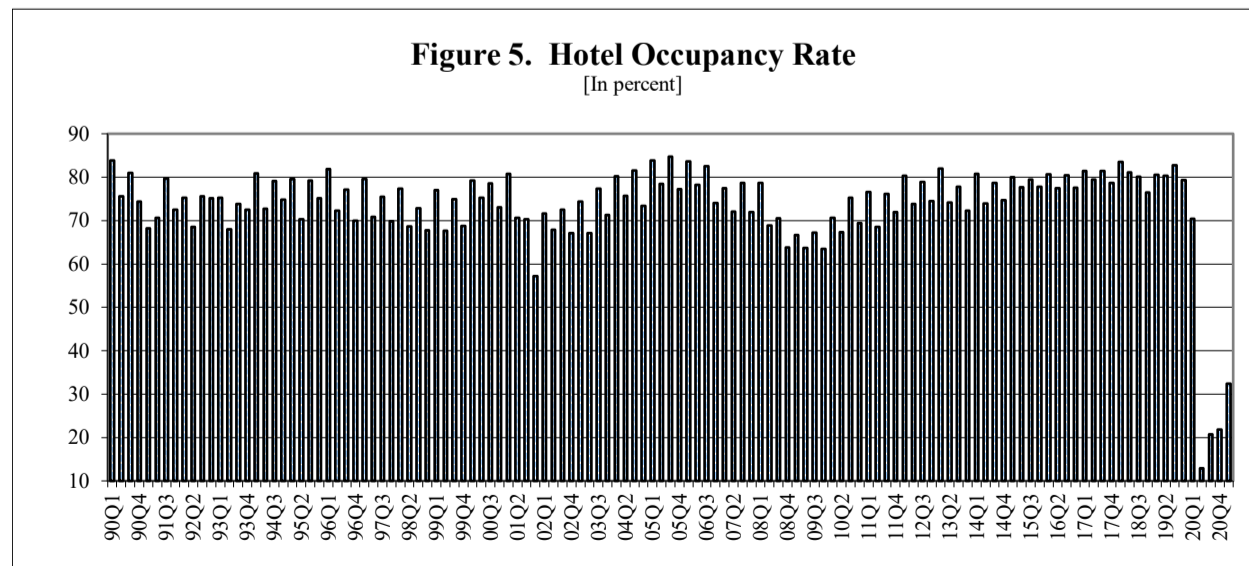
Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	Annual Average
In Percent					
1982	79.0	65.9	70.9	66.7	70.4
1983	75.2	68.1	71.7	66.5	69.7
1984	84.0	75.6	74.6	75.1	76.0
1985	88.1	69.1	75.0	72.5	76.1
1986	87.0	78.8	79.9	76.8	81.7
1987	88.0	77.1	82.1	77.8	81.1
1988	81.7	75.1	81.3	75.1	78.5
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	80.5	80.3	82.8	79.6	80.8
2020 1/	70.4	12.9	20.7	21.9	37.1
2021 1/	32.4	(NA)	(NA)	Year-to-Date	32.4

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 first quarter of 2021. Private building authorizations increased, but construction jobs, government contracts awarded, and state government CIP expenditures decreased in the quarter.

In the first quarter of 2021, the number of jobs in the construction sector decreased 0.3 percent or 100 jobs compared with the same quarter of 2020. In 2020, the construction sector lost 1,300 jobs or 3.5 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 first quarter of 2021, private building authorizations in the state increased \$17.9 million or 2.3 percent, compared with the first quarter of 2020 (Table E-8). In 2020, private building authorizations in the state decreased \$113.0 million or 3.5 percent compared with the previous year.

In the first quarter of 2021, private building authorizations in Honolulu increased \$52.3 million or 11.9 percent, compared with the first quarter of 2020 (Table E-8). In 2020, private building authorizations in Honolulu decreased \$246.6 million or 12.0 percent, compared with the previous year.

In the first quarter of 2021, private building authorizations in Hawaii County decreased \$0.8 million or 0.5 percent, compared with the first quarter of 2020 (Table E-8). In 2020, private building authorizations in Hawaii County increased \$118.8 million or 21.5 percent, compared with the previous year.

In the first quarter of 2021, private building authorizations in Maui decreased \$42.1 million or 28.9 percent, compared with the first quarter of 2020 (Table E-8). In 2020, private building authorizations in Maui decreased \$11.4 million or 2.4 percent compared with the previous year.

In the first quarter of 2021, private building authorizations (residential only) in Kauai County

increased \$8.4 million or 23.9 percent, compared with the first quarter of 2020 (Table E-8). In 2020, private building authorizations in Kauai County increased \$26.2 million or 21.3 percent compared with the previous year.

Government contracts awarded decreased \$1,148.8 million or 85.6 percent, from \$1,432.3 million in the first quarter of 2020 to \$193.5 million in the first quarter of 2021 (Table E-1). In 2020, government contracts awarded increased \$2,487.0 million or 418.8 percent, from \$593.8 million in 2019 to \$3,080.8 million in 2020. 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 \$58.8 million or 18.5 percent in the first quarter of 2021 compared with the same quarter of 2020. In 2020, state government CIP expenditures increased \$22.9 million or 1.6 percent from the previous year (Table E-2).

The Honolulu Construction Cost Index increased 2.6 percent in the first quarter of 2021 compared to the same quarter of 2020 for Single Family Residence (Table E-6) and increased 2.4 percent for High-Rise Building (Table E-7). In 2020, the index for Single Family Residence increased 2.5 percent and 1.7 percent for High-Rise Building as compared to the previous year.

In the first quarter of 2021, Honolulu's median price for single family resales was \$915,000, up \$135,000 or 17.3 percent over the same quarter of 2020 (Table E-11). The median price for condominium units was \$455,000, up \$25,000 or 5.8 percent over the same quarter of 2020 (Table E-12). In the first quarter of 2021, the number of single-family unit resales increased 11.9 percent, and the number of condominium unit resales increased 32.5 percent, compared with the first quarter of 2020 (Tables E-13 and E-14). In 2020, the number of single-family unit resales increased 2.3 percent, and condominium unit resales declined 13.0 percent compared with the previous year.

In the first quarter of 2021, Maui County's single-family unit resales median price was \$952,000, increased 23.6 percent from the same quarter of 2020. The condominium unit resales median price was \$599,000, increased 7.9 percent from the same quarter of 2020 (Tables E-17 and E-18).





**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
2020 4/	1.5	-3.5	-5.5	35.7	-10.4	418.8
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/ 4 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.	8.3	5.6	11.3	44.4	-5.8	61.0
4/ 4 Qtr.	0.6	-7.7	-0.9	-37.1	-1.8	521.3
2021 4/ 5/ 1 Qtr.	(NA)	2.3	33.5	-2.9	-12.7	-85.6

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 2020, 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 19.1 percent or by 78 cases for the first quarter of 2021, from the same quarter of 2020. In 2020, total filings declined 8.1 percent or 138 cases from the previous year.

The number of Chapter 7 filings, the largest category, decreased 13.1 percent or 38 cases in the first quarter of 2021. Chapter 7 filings are intended to liquidate assets and discharge debt. In 2020, Chapter 7 filings increased 1.8 percent or 21 cases from the previous year.

Chapter 11 filings increased from 1 to 8 case in the first quarter of 2021 compared with the first quarter of 2020. In 2020, Chapter 11 filings declined to 7 cases from 13 cases in the previous

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

Chapter 13 filings declined 38.0 percent or 46 cases in the first quarter of 2021, from the same quarter of 2020. In 2020, Chapter 13 filings declined 29.1 percent or 154 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/bkrpctystats/statistics.htm>.

For District of Hawaii monthly statistics, see: [http://www.hib.uscourts.gov/stats/index\\_stats.html](http://www.hib.uscourts.gov/stats/index_stats.html)

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

