

# ***QUARTERLY STATISTICAL & ECONOMIC REPORT, Executive Summary 1st Quarter 2021***

***TABLE of CONTENTS, Exec Summary***

<b>Part I. Economic Trends and Outlook</b>	
State of the Economy	3
2020 Quarterly Economic Indicators:	
Table 1. State	4
Outlook of the Economy	5
Actual & Forecast Key Economic Indicators for Hawaii: 2019-2024	6
County Economic Conditions	7
2020 Quarterly Economic Indicators:	
Table 2. City & County of Honolulu	8
Table 3. Hawaii County	9
Table 4. Maui County	10
Table 5. Kauai County	11
<b>Part II. Economic Overview and Data</b>	
A. Labor Force and Jobs	12
A-6. Non-Ag Wage and Salary Jobs	13
B. Income and Prices	14
B-4. Personal Income by Major Sources	15
B-14. Honolulu and U.S. CPI-U	16
C. Tax Revenues	18
C-1. General Fund Tax Rev. & Major Comp.	19
D. Tourism	21
D-1. Visitor Arrivals & Aver. Daily Visitor Census- By Air	22
D-15. Hotel Occupancy Rate	24
E. Construction	25
E-1. Estim. Value of Completed Construction, New Priv. Bldg Auth & Gov't Contracts Awarded	26
F. Other Indicators	28

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



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

Technical notes and source descriptions have been kept to a minimum. However, the staff of the Research and Economic Analysis Division would be happy to respond to any inquiries of a technical nature that readers may have (586-2466). The quarterly information contained in this report reflects data received by the Research Division on or before February 25, 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.

This report has been catalogued as follows:

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

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

Quarterly.

Hawaii-Statistics.

HA4007.H359

## STATE OF THE ECONOMY

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

In the fourth quarter of 2020, the total number of visitors arriving by air to Hawaii decreased 2,013,165 or 80.2 percent. Due to longer lengths of stay, the daily visitor census decreased 70.7 percent in the quarter.

In the fourth quarter of 2020, jobs in the construction sector decreased 1.9 percent or 700 jobs compared with the same quarter of 2019. The government contracts awarded increased \$746.4 million from \$143.2 million in the fourth quarter of 2019 to \$889.5 million in the fourth quarter of 2020. In the fourth quarter of 2020, the permit value for private construction decreased \$65.4 million or 7.7 percent compared with the same quarter of 2019. According to the most recent excise tax base data available, current construction put-in-place increased \$202.7 million or 8.3 percent in the third quarter of 2020, compared with the same quarter of the previous year.

In the fourth quarter of 2020, State general fund tax revenues were down \$196.2 million or 11.7 percent over the same period of 2019. The net individual income tax revenues decreased \$19.1 million or 3.1 percent, the state general excise tax revenue decreased \$170.3 million or 19.7 percent, and the transient accommodations tax (TAT) decreased \$119.0 million or 83.5 percent. In 2020, State general fund tax revenues decreased \$877.0 million or 12.0 percent, and state general excise tax revenue decreased \$593.4 million or 15.6 percent, compared to the previous year.

Labor market conditions were all negative. In the fourth quarter of 2020, Hawaii's non-agricultural wage and salary jobs averaged 561,500 jobs, a decrease of 101,400 jobs or 15.3 percent from the same quarter of 2019.

In this quarter, the private sector lost about 92,400 non-agricultural jobs compared to the fourth quarter of 2019. All private sector industries lost jobs in the quarter. Jobs decreased the most in Accommodation, which lost 26,300 jobs or 61.9 percent; followed by Food Services and Drinking Places, which lost 23,900 jobs or 33.9 percent, Transportation, Warehousing & Utilities, which lost 8,800 jobs or 25.3 percent, Professional & Business Services, lost 8,500 jobs or 11.3 percent, Arts, Entertainment & Recreation, lost 3,700 jobs or 27.4

percent, Retail Trade, lost 3,200 jobs or 4.5 percent, and Other Services, lost 3,200 jobs or 11.3 percent in the quarter. The Government sector lost 9,000 jobs or 7.0 percent in the fourth quarter of 2020 compared to the same quarter of 2019. The Federal Government lost 600 jobs or 1.7 percent, the State Government lost 8,600 jobs or 11.4 percent, and the Local Government added 100 jobs or 0.5 percent, compared to the fourth quarter of 2019.

In the third quarter of 2020, total annualized nominal GDP decreased \$6,160 million or 6.4 percent, from the third quarter of 2019. In the first three quarters of 2020, total annualized nominal GDP decreased \$5,772 million or 6.1 percent from the same period of the previous year. In the third quarter of 2020, total annualized real GDP (in chained 2012 dollars) decreased \$6,784 million or 8.2 percent from the third quarter of 2019. In the first three quarters of 2020, total annualized real GDP decreased \$6,500 million or 7.9 percent from the same period of the previous year.

In the third quarter of 2020, total non-farm private sector annualized earnings decreased \$3,879.7 million or 9.5 percent from the third quarter of 2019. In dollar terms, the largest decrease occurred in accommodation and food services; followed by other services, arts, entertainment, and recreation, transportation and warehousing, and retail trade. During the third quarter of 2020, total government earnings increased \$162.7 million or 1.0 percent from the same quarter of 2019. Earnings from the federal government increased \$187.0 million or 2.0 percent. Earnings from the state and local governments decreased \$24.3 million or 0.3 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. This is 0.4 of a percentage point above 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 0.8 percent compared to the second half of 2019.

**Table 1. 2020 QUARTERLY ECONOMIC INDICATORS:  
STATE OF HAWAII**

SERIES	4th QUARTER			YEAR-TO-DATE		
	2019	2020	% CHANGE YEAR AGO	2019	2020	% CHANGE YEAR AGO
Civilian labor force, NSA (persons) 1/	666,300	651,350	-2.2	665,000	645,550	-2.9
Civilian employed, NSA	649,700	578,700	-10.9	647,000	569,300	-12.0
Civilian unemployed, NSA	16,650	72,650	336.3	18,050	76,300	322.7
Unemployment rate, NSA (%) 1/ 2/	2.5	11.2	8.7	2.7	12.0	9.3
Total wage and salary jobs, NSA	666,900	565,500	-15.2	660,200	576,950	-12.6
Total non-agric. wage & salary jobs	662,900	561,500	-15.3	655,700	572,700	-12.7
Nat. Resources, Mining, Constr.	37,700	37,000	-1.9	37,200	37,300	0.3
Manufacturing	14,000	11,100	-20.7	14,000	11,900	-15.0
Wholesale Trade	18,200	15,300	-15.9	18,200	16,100	-11.5
Retail Trade	71,500	68,300	-4.5	71,100	66,600	-6.3
Transp., Warehousing, Util.	34,800	26,000	-25.3	34,200	27,500	-19.6
Information	8,700	7,600	-12.6	8,700	7,700	-11.5
Financial Activities	30,000	28,500	-5.0	29,900	28,300	-5.4
Professional & Business Services	74,900	66,400	-11.3	74,100	68,100	-8.1
Educational Services	14,500	11,500	-20.7	14,200	12,100	-14.8
Health Care & Social Assistance	74,300	71,700	-3.5	73,000	71,900	-1.5
Arts, Entertainment & Recreation	13,500	9,800	-27.4	13,700	9,600	-29.9
Accommodation	42,500	16,200	-61.9	42,600	21,200	-50.2
Food Services & Drinking Places	70,500	46,600	-33.9	70,200	48,100	-31.5
Other Services	28,300	25,100	-11.3	28,300	25,700	-9.2
Government	129,400	120,400	-7.0	126,300	120,500	-4.6
Federal	35,000	34,400	-1.7	34,300	34,500	0.6
State	75,400	66,800	-11.4	72,900	67,100	-8.0
Local	19,100	19,200	0.5	19,100	18,900	-1.0
Agriculture wage and salary jobs	4,000	4,000	0.0	4,500	4,250	-5.6
State general fund revenues (\$1,000)	1,675,155	1,478,925	-11.7	7,316,550	6,439,580	-12.0
General excise and use tax revenues	864,355	694,087	-19.7	3,602,222	3,038,781	-15.6
Income-individual	612,379	593,262	-3.1	2,683,592	2,597,385	-3.2
Declaration estimated taxes	67,179	89,712	33.5	775,842	797,685	2.8
Payment with returns	50,039	49,116	-1.8	279,659	299,395	7.1
Withholding tax on wages	552,222	524,125	-5.1	2,152,647	2,096,764	-2.6
Refunds ('-' indicates relative to State)	-57,061	-69,690	22.1	-524,556	-596,460	13.7
Transient accommodations tax	142,453	23,444	-83.5	637,375	282,016	-55.8
Honolulu County Surcharge 3/	78,570	70,677	-10.0	320,151	310,387	-3.0
Private Building Permits (\$1,000)	852,697	787,346	-7.7	3,221,446	3,108,490	-3.5
Residential	311,452	308,614	-0.9	1,211,631	1,144,971	-5.5
Commercial & industrial	150,148	94,503	-37.1	352,717	478,577	35.7
Additions & alterations	391,097	384,229	-1.8	1,657,098	1,484,943	-10.4
Visitor Days - by air	21,991,651	6,435,969	-70.7	89,692,422	28,560,253	-68.2
Domestic visitor days - by air	16,391,948	6,310,961	-61.5	66,535,081	23,317,090	-65.0
International visitor days - by air	5,599,703	125,008	-97.8	23,157,341	5,243,163	-77.4
Visitor arrivals by air - by air	2,509,350	496,186	-80.2	10,243,165	2,686,403	-73.8
Domestic flight visitors - by air	1,768,255	488,839	-72.4	7,253,806	2,062,642	-71.6
International flight visitors - by air	741,095	7,347	-99.0	2,989,359	623,761	-79.1
Visitor expend. - arrivals by air (\$1,000)	4,395,474	(NA)	(NA)	17,657,697	(NA)	(NA)
Hotel occupancy rates (%) 2/	79.6	21.9	-57.7	80.8	37.1	-43.7

NA Not available.

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

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

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

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

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

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

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

2/17/2021

## OUTLOOK FOR THE ECONOMY

Hawaii's economy has been greatly impacted by the COVID-19 pandemic. During the April-December 2020 period, the average unemployment rate (not seasonally adjusted) was 15.1 percent. Hawaii lost 110,600 non-agriculture payroll jobs during the April-December 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 52.6 percent of the total job loss at 58,200. Overall, statewide non-agriculture payroll jobs decreased by 16.9 percent in the April-December 2020 period.

Hawaii's unemployment rate increased from 2.6 percent in the first quarter of 2020 to 20.3 percent in the second quarter of 2020, decreased to 13.9 percent in the third quarter of 2020, and then decreased further to 11.2 percent in the fourth quarter of 2020..

Visitor arrivals to the State during the fourth quarter of 2020 totaled 496,186, a decrease of 80.2 percent from the same quarter in 2019. However, due to the longer average length of stay, the average daily visitor census decreased only 70.7 percent in the fourth quarter of 2020.

The value of private building permits showed a decrease of 7.7 percent or \$65.4 million during the fourth quarter of 2020. The largest decrease occurred in the commercial & industrial category which was down by \$55.6 million or 37.1 percent. The value of residential building permits was down by 0.9 percent, and the value for additions & alterations category declined by 1.8 percent during the same period. In the fourth quarter of 2020, the state government spending on capital investment projects (CIP) increased by 100.2 percent or \$298.2 million, and government contracts awarded in the fourth quarter of 2020 increased \$746.4 million over the fourth quarter of 2019.

At the national level, the U.S. economic growth rate was at 0.3 percent during the first quarter, fell to a negative 9.0 percent in the second quarter, improved to negative 2.8 percent in the third quarter, and improved further to negative 2.5 percent in the fourth quarter as compared to the same quarter in 2019. The

Blue Chip Economic Indicators report from February 12, 2020, which is the consensus of 50 economic forecasting organizations, projected that the U.S. economic growth rate for 2021 will increase by 4.9 percent. The report projected a positive 3.8 percent U.S. economic growth for 2022. The Blue Chip forecasts for foreign countries were all positive in 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 2.7 percent in 2021, then will increase by 3.3 percent in 2022, 2.3 percent in 2023, and 1.8 percent in 2024.

Hawaii will welcome 5.5 million visitors in 2021, an increase of 102.9 percent from the 2020 level. Visitor arrivals will increase to 8.3 million in 2022, 9.2 million in 2023, and 9.8 million in 2024. Visitor spending will increase 90.9 percent in 2021, then will increase 48.6 percent in 2022, 12.7 percent in 2023, and 11.1 percent in 2024.

Non-agriculture payroll jobs will increase 6.2 percent in 2021, then will increase by 3.1 percent in 2022, 1.6 percent in 2023, and 1.3 percent in 2024.

Overall for 2021, the average annual unemployment rate is forecast to be 8.2 percent, then decrease to 6.9 percent in 2022, 6.2 percent in 2023, and 5.7 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 expected to decrease by 2.9 percent in 2021, then increase 1.8 percent in 2022, increase 3.1 percent in 2023, and increase 3.3 percent in 2024.

Hawaii's consumer inflation rate, as measured by the Honolulu Consumer Price Index for All Urban Consumers, will increase at about 2.0 percent per year for the next few years.

Hawaii's population is expected to decrease 0.1 percent in 2021, and increase by 0.1 percent in 2022, and 0.2 percent in 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)	1,416	1,407	1,406	1,408	1,411	1,414
Visitor arrivals (thousands) 2/	10,387	2,716	5,510	8,282	9,210	9,837
Visitor days (thousands) 2/	90,361	28,702	52,372	72,840	80,772	86,645
Visitor expenditures (million dollars) 2/	17,844	5,111	9,757	14,501	16,349	18,163
Honolulu CPI-U (1982-84=100)	281.6	286.0	291.6	297.5	303.8	309.9
Personal income (million dollars)	80,727	86,773	84,270	85,777	88,405	91,330
Real personal income (millions of 2012\$) 3/	61,855	66,224	63,399	63,510	64,263	65,172
Non-agricultural wage & salary jobs (thousands)	655.7	572.7	608.5	627.5	637.5	645.7
Civilian unemployment rate	2.7	12.0	8.2	6.9	6.2	5.7
Gross domestic product (million dollars)	95,744	89,850	94,118	99,352	103,521	107,315
Real gross domestic product (millions of 2012\$)	82,471	75,967	77,994	80,589	82,442	83,926
Gross domestic product deflator (2012=100)	116.1	118.2	120.7	123.0	125.2	127.3
Annual Percentage Change						
Total population	-0.3	-0.6	-0.1	0.1	0.2	0.2
Visitor arrivals	5.2	-73.9	102.9	50.3	11.2	6.8
Visitor days	4.9	-68.2	82.5	39.1	10.9	7.3
Visitor expenditures	5.1	-71.4	90.9	48.6	12.7	11.1
Honolulu CPI-U	1.9	1.6	2.0	2.0	2.1	2.0
Personal income	3.6	7.5	-2.9	1.8	3.1	3.3
Real personal income	1.8	7.1	-4.3	0.2	1.2	1.4
Non-agricultural wage & salary jobs	0.5	-12.7	6.2	3.1	1.6	1.3
Civilian unemployment rate 4/	0.1	9.3	-3.8	-1.3	-0.7	-0.5
Gross domestic product	2.5	-6.2	4.8	5.6	4.2	3.7
Real gross domestic product	0.3	-7.9	2.7	3.3	2.3	1.8
Gross domestic product deflator (2012=100)	2.3	1.9	2.0	1.9	1.8	1.7

1/ Some of the indicators are preliminary or estimated such as visitor expenditures, personal income, and gross domestic product.

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

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

4/ Absolute change from previous year.

Source: Hawaii State Department of Business, Economic Development & Tourism, February 25, 2021.

## COUNTY ECONOMIC CONDITIONS

Overall economic conditions were mostly negative across the counties in the fourth quarter of 2020. The unemployment rate increased in all counties compared with the same quarter of 2019, while total non-agricultural wage and salary jobs and total visitor arrivals by air declined. The value of private building permits increased in Hawaii County but decreased in all other counties.

In the fourth quarter of 2020, the unemployment rate in Honolulu increased 7.4 percentage points from 2.4 percent to 9.8 percent compared with the same quarter of 2019; the unemployment rate in Maui County increased 14.7 percentage points from 2.5 percent to 17.2 percent; the unemployment rate in Hawaii County increased 7.6 percentage points from 3.2 percent to 10.8 percent; and the unemployment rate in Kauai County increased 12.6 percentage points from 2.6 percent to 15.2 percent.

In the fourth quarter of 2020, Honolulu lost 63,800 non-agricultural wage and salary jobs compared to the same quarter of 2019. Jobs decreased the most in Food Services and Drinking Places, which lost 17,100 jobs or 35.0 percent. This was followed by Accommodation which lost 10,500 jobs or 55.3 percent, Professional & Business Services which lost 6,500 jobs or 11.2 percent, and Transportation, Warehousing & Utilities which lost 6,000 jobs or 24.0 percent in the quarter. For the private sector, only Natural Resources, Mining & Construction did not lose jobs in the quarter. The Government sector lost 7,400 jobs or 7.4 percent in the quarter.

In the fourth quarter of 2020, Hawaii County lost 10,300 or 14.4 percent of non-agricultural wage and salary jobs over the same quarter of 2019. Jobs decreased the most in Accommodation, which lost 3,600 jobs or 61.0 percent. This was followed by Food Services and Drinking Places which lost 1,100 jobs or 15.9 percent, Transportation, Warehousing & Utilities which lost 1,100 jobs or 32.4 percent, Professional & Business Services which lost 900 jobs or 13.2 percent, and Retail Trade which lost 800 jobs or

8.2 percent in the quarter. The Government sector lost 1,100 jobs or 7.1 percent in the quarter.

Maui County lost 19,900 jobs or a 24.8 percent decrease in the fourth quarter of 2020 over the same quarter of 2019. Jobs decreased the most in Accommodation which lost 8,800 jobs or 68.8 percent. This was followed by Food Services and Drinking Places which lost 4,400 jobs or 43.1 percent, Arts, Entertainment & Recreation which lost 1,600 jobs or 72.7 percent, Transportation, Warehousing & Utilities which lost 1,400 jobs or 29.2 percent, and Professional & Business Services which lost 900 jobs or 12.3 percent in the quarter. The Government sector lost 400 jobs or 4.3 percent in the quarter.

Kauai County lost 7,500 jobs or a 22.5 percent decrease in the fourth quarter of 2020 over the same quarter of 2019. Jobs decreased the most in Accommodation which lost 3,500 jobs or 72.9 percent. This was followed by Food Services and Drinking Places which lost 1,200 jobs or 26.7 percent, Retail Trade which lost 600 jobs or 15.0 percent, and Transportation, Warehousing & Utilities which lost 500 jobs or 31.3 percent in the quarter. The Government sector lost 200 jobs or 3.8 percent in the quarter.

In the fourth quarter of 2020, visitor arrivals by air decreased in all counties. Visitor arrivals by air decreased 84.9 percent in Honolulu, 76.2 percent in Maui, 80.3 percent in Hawaii County, and 86.9 percent in Kauai compared to the same quarter of 2019.

In the fourth quarter of 2020, private building permits increased in Hawaii County, but decreased in all other counties. In the fourth quarter of 2020, private building permits decreased \$112.6 million or 20.2 percent in Honolulu, decreased \$15.9 million or 49.0 percent in Kauai (only residential available), decreased \$11.7 million or 8.8 percent in Maui, but increased \$74.8 million or 57.4 percent in Hawaii County from the same quarter of the previous year.

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

SERIES	4th QUARTER			YEAR-TO-DATE		
	2019	2020	% CHANGE YEAR AGO	2019	2020	% CHANGE YEAR AGO
Civilian labor force, NSA (persons) 1/	452,050	445,300	-1.5	450,550	437,000	-3.0
Civilian employed	441,400	401,700	-9.0	438,950	391,800	-10.7
Civilian unemployed	10,600	43,600	311.3	11,600	45,200	289.7
Unemployment rate, NSA (%) 1/ 2/	2.4	9.8	7.4	2.6	10.5	7.9
Total wage and salary jobs	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Total non-agric. wage & salary jobs	477,600	413,800	-13.4	471,800	418,800	-11.2
Nat. Resources, Mining, Constr.	27,500	27,500	0.0	27,000	27,500	1.9
Manufacturing	10,900	8,500	-22.0	11,000	9,200	-16.4
Wholesale Trade	14,300	11,700	-18.2	14,400	12,400	-13.9
Retail Trade	47,700	46,500	-2.5	47,400	45,000	-5.1
Transp., Warehousing, Util.	25,000	19,000	-24.0	24,400	20,000	-18.0
Information	7,400	6,400	-13.5	7,400	6,500	-12.2
Financial Activities	23,000	22,300	-3.0	23,000	21,900	-4.8
Professional & Business Services	57,800	51,300	-11.2	57,200	52,600	-8.0
Educational Services	11,700	9,100	-22.2	11,400	9,600	-15.8
Health Care & Social Assistance	55,100	53,500	-2.9	54,100	53,600	-0.9
Arts, Entertainment & Recreation	8,300	6,200	-25.3	8,500	6,100	-28.2
Accommodation	19,000	8,500	-55.3	19,100	9,900	-48.2
Food Services & Drinking Places	48,800	31,700	-35.0	48,200	32,300	-33.0
Other Services	21,700	19,300	-11.1	21,700	19,700	-9.2
Government	99,500	92,100	-7.4	97,200	92,400	-4.9
Federal	32,300	31,900	-1.2	31,700	31,800	0.3
State	54,900	48,100	-12.4	53,100	48,400	-8.9
Local	12,400	12,200	-1.6	12,400	12,100	-2.4
Agriculture wage and salary jobs	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
General excise & use tax rev. (\$1,000)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Income-individual	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Declaration estimated taxes	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Payment with returns	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Withholding tax on wages	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Refunds	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Transient accommodations tax	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Honolulu County Surcharge 3/	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Private Building Permits (\$1,000)	556,811	444,255	-20.2	2,063,293	1,816,672	-12.0
Residential	179,028	111,117	-37.9	593,090	431,405	-27.3
Commercial & industrial	55,212	11,554	-79.1	147,179	163,912	11.4
Additions & alterations	322,570	321,585	-0.3	1,323,024	1,221,355	-7.7
Visitor Days - by air	10,003,395	2,630,062	-73.7	41,827,689	12,894,588	-69.2
Domestic visitor days - by air	5,993,504	2,552,322	-57.4	24,762,012	9,383,923	-62.1
International visitor days - by air	4,009,891	77,740	-98.1	17,065,677	3,510,666	-79.4
Visitor arrivals by air - by air	1,496,368	225,519	-84.9	6,154,248	1,515,013	-75.4
Domestic flight visitors - by air	854,444	220,494	-74.2	3,513,070	995,915	-71.7
International flight visitors - by air	641,924	5,025	-99.2	2,641,178	519,098	-80.3
Visitor expenditures - by air (\$1,000)	2,026,491	(NA)	(NA)	8,139,808	(NA)	(NA)
Hotel occupancy rates 2/	82.6	22.7	-59.9	84.1	39.0	-45.1

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.

2/24/2021



**Table 3. 2020 QUARTERLY ECONOMIC INDICATORS: HAWAII COUNTY**

SERIES	4th QUARTER			YEAR-TO-DATE		
	2019	2020	% CHANGE YEAR AGO	2019	2020	% CHANGE YEAR AGO
Civilian labor force, NSA (persons) 1/	91,550	89,300	-2.5	91,150	89,050	-2.3
Civilian employed	88,650	79,650	-10.2	88,000	78,850	-10.4
Civilian unemployed	2,950	9,650	227.1	3,150	10,300	227.0
Unemployment rate, NSA (%) 1/ 2/	3.2	10.8	7.6	3.4	11.7	8.3
Total wage and salary jobs	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Total non-agric. wage & salary jobs	71,500	61,200	-14.4	70,700	62,600	-11.5
Nat. Resources, Mining, Constr.	3,700	3,500	-5.4	3,800	3,600	-5.3
Manufacturing	1,400	1,100	-21.4	1,300	1,200	-7.7
Wholesale Trade	1,800	1,700	-5.6	1,800	1,700	-5.6
Retail Trade	9,700	8,900	-8.2	9,700	8,800	-9.3
Transp., Warehousing, Util.	3,400	2,300	-32.4	3,500	2,500	-28.6
Information	600	500	-16.7	600	500	-16.7
Financial Activities	2,700	2,300	-14.8	2,700	2,400	-11.1
Professional & Business Services	6,800	5,900	-13.2	6,600	6,100	-7.6
Educational Services	1,300	1,200	-7.7	1,300	1,200	-7.7
Health Care & Social Assistance	8,000	7,600	-5.0	7,900	7,700	-2.5
Arts, Entertainment & Recreation	1,700	1,700	0.0	1,700	1,500	-11.8
Accommodation	5,900	2,300	-61.0	5,800	3,300	-43.1
Food Services & Drinking Places	6,900	5,800	-15.9	6,900	5,700	-17.4
Other Services	2,200	2,000	-9.1	2,200	2,100	-4.5
Government	15,400	14,300	-7.1	15,000	14,300	-4.7
Federal	1,200	1,200	0.0	1,300	1,300	0.0
State	11,400	10,300	-9.6	11,000	10,300	-6.4
Local	2,800	2,900	3.6	2,700	2,800	3.7
Agriculture wage and salary jobs	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
General excise & use tax rev. (\$1,000)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Income-individual	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Declaration estimated taxes	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Payment with returns	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Withholding tax on wages	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Refunds	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Transient accommodations tax	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Honolulu County Surcharge 3/	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Private Building Permits (\$1,000)	130,375	205,160	57.4	552,078	670,865	21.5
Residential	70,346	114,098	62.2	277,418	359,280	29.5
Commercial & industrial	20,072	53,577	166.9	83,524	167,275	100.3
Additions & alterations	39,957	37,485	-6.2	191,136	144,310	-24.5
Visitor Days - by air	3,355,069	1,189,842	-64.5	12,978,052	4,978,899	-61.6
Domestic visitor days - by air	2,853,177	1,188,183	-58.4	11,065,497	4,402,087	-60.2
International visitor days - by air	501,892	1,659	-99.7	1,912,556	576,811	-69.8
Visitor arrivals by air - by air	439,961	86,844	-80.3	1,763,904	492,325	-72.1
Domestic flight visitors - by air	340,250	86,739	-74.5	1,361,151	402,317	-70.4
International flight visitors - by air	99,711	105	-99.9	402,753	90,008	-77.7
Visitor expenditures - by air (\$1,000)	600,120	(NA)	(NA)	2,315,912	(NA)	(NA)
Hotel occupancy rates 2/	76.4	22.3	-54.1	77.0	38.0	-39.0

NA Not available.

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

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

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2/24/2021

**Table 4. 2020 QUARTERLY ECONOMIC INDICATORS: MAUI COUNTY**

SERIES	4th QUARTER			YEAR-TO-DATE		
	2019	2020	% CHANGE YEAR AGO	2019	2020	% CHANGE YEAR AGO
Civilian labor force, NSA (persons) 1/	86,250	81,850	-5.1	86,750	83,850	-3.3
Civilian employed	84,150	67,800	-19.4	84,450	68,850	-18.5
Civilian unemployed	2,100	14,050	569.0	2,250	15,000	566.7
Unemployment rate, NSA (%) 1/ 2/	2.5	17.2	14.7	2.6	18.0	15.4
Total wage and salary jobs	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Total non-agric. wage & salary jobs	80,300	60,400	-24.8	80,200	63,800	-20.4
Nat. Resources, Mining, Constr.	4,400	4,000	-9.1	4,300	4,100	-4.7
Manufacturing	1,100	1,000	-9.1	1,200	1,100	-8.3
Wholesale Trade	1,600	1,400	-12.5	1,600	1,500	-6.3
Retail Trade	10,100	9,600	-5.0	9,900	9,400	-5.1
Transp., Warehousing, Util.	4,800	3,400	-29.2	4,700	3,700	-21.3
Information	600	400	-33.3	600	400	-33.3
Financial Activities	3,100	3,000	-3.2	3,100	3,000	-3.2
Professional & Business Services	7,300	6,400	-12.3	7,300	6,600	-9.6
Educational Services	1,200	1,000	-16.7	1,200	1,000	-16.7
Health Care & Social Assistance	8,200	7,900	-3.7	8,100	8,000	-1.2
Arts, Entertainment & Recreation	2,200	600	-72.7	2,300	900	-60.9
Accommodation	12,800	4,000	-68.8	12,900	6,000	-53.5
Food Services & Drinking Places	10,200	5,800	-43.1	10,400	6,600	-36.5
Other Services	3,300	2,800	-15.2	3,400	2,900	-14.7
Government	9,300	8,900	-4.3	9,200	8,800	-4.3
Federal	900	900	0.0	900	900	0.0
State	5,800	5,300	-8.6	5,600	5,300	-5.4
Local	2,600	2,700	3.8	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)	133,132	121,425	-8.8	483,008	471,647	-2.4
Residential	29,699	66,893	125.2	218,056	204,980	-6.0
Commercial & industrial	74,864	29,372	-60.8	122,014	147,389	20.8
Additions & alterations	28,569	25,159	-11.9	142,938	119,278	-16.6
Visitor Days - by air	6,194,892	2,059,722	-66.8	24,777,892	7,738,199	-68.8
Domestic visitor days - by air	5,290,661	2,014,415	-61.9	21,414,026	6,809,582	-68.2
International visitor days - by air	904,232	45,307	-95.0	3,363,866	928,618	-72.4
Visitor arrivals by air - by air	758,065	180,112	-76.2	3,111,131	806,366	-74.1
Domestic flight visitors - by air	645,797	177,814	-72.5	2,650,787	705,718	-73.4
International flight visitors - by air	112,268	2,298	-98.0	460,345	100,647	-78.1
Visitor expenditures - by air (\$1,000)	1,315,895	(NA)	(NA)	5,292,993	(NA)	(NA)
Hotel occupancy rates 2/	76.0	20.1	-55.9	77.7	33.9	-43.8

NA Not available.

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

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

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

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

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2/24/2021

**Table 5. 2020 QUARTERLY ECONOMIC INDICATORS: KAUAI COUNTY**

SERIES	4th QUARTER			YEAR-TO-DATE		
	2019	2020	% CHANGE YEAR AGO	2019	2020	% CHANGE YEAR AGO
Civilian labor force, NSA (persons) 1/	36,450	34,900	-4.3	36,550	35,650	-2.5
Civilian employed	35,450	29,600	-16.5	35,550	29,850	-16.0
Civilian unemployed	950	5,300	457.9	1,000	5,800	480.0
Unemployment rate, NSA (%) 1/ 2/	2.6	15	12.6	2.7	16.3	13.6
Total wage and salary jobs	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Total non-agric. wage & salary jobs	33,300	25,800	-22.5	33,200	27,200	-18.1
Nat. Resources, Mining, Constr.	2,000	2,000	0.0	2,100	2,000	-4.8
Manufacturing	500	300	-40.0	500	400	-20.0
Wholesale Trade	500	500	0.0	500	500	0.0
Retail Trade	4,000	3,400	-15.0	4,000	3,500	-12.5
Transp., Warehousing, Util.	1,600	1,100	-31.3	1,700	1,200	-29.4
Information	200	200	0.0	200	200	0.0
Financial Activities	1,300	900	-30.8	1,200	1,000	-16.7
Professional & Business Services	3,100	2,700	-12.9	3,100	2,800	-9.7
Educational Services	200	200	0.0	200	200	0.0
Health Care & Social Assistance	3,000	2,700	-10.0	2,900	2,800	-3.4
Arts, Entertainment & Recreation	1,200	1,200	0.0	1,200	1,100	-8.3
Accommodation	4,800	1,300	-72.9	4,700	2,000	-57.4
Food Services & Drinking Places	4,500	3,300	-26.7	4,600	3,500	-23.9
Other Services	1,100	1,000	-9.1	1,100	1,100	0.0
Government	5,200	5,000	-3.8	5,100	5,000	-2.0
Federal	500	500	0.0	600	500	-16.7
State	3,300	3,100	-6.1	3,200	3,100	-3.1
Local	1,300	1,400	7.7	1,300	1,300	0.0
Agriculture wage and salary jobs	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
General excise & use tax rev. (\$1,000)	(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)	32,379	16,506	-49.0	123,067	149,305	21.3
Residential	32,379	16,506	-49.0	123,067	149,305	21.3
Commercial & industrial	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Additions & alterations	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Visitor Days - by air	2,438,295	556,344	-77.2	10,108,788	2,948,566	-70.8
Domestic visitor days - by air	2,254,606	556,041	-75.3	9,293,547	2,721,498	-70.7
International visitor days - by air	183,689	302	-99.8	815,242	227,069	-72.1
Visitor arrivals by air - by air	330,802	43,492	-86.9	1,370,029	330,954	-75.8
Domestic flight visitors - by air	293,797	43,467	-85.2	1,211,260	295,850	-75.6
International flight visitors - by air	37,005	25	-99.9	158,769	35,104	-77.9
Visitor expenditures - by air (\$1,000)	452,967	(NA)	(NA)	1,908,984	(NA)	(NA)
Hotel occupancy rates 2/	73.1	20.9	-52.2	72.8	33.0	-39.7

NA Not available.

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2/24/2021

## A. LABOR FORCE AND JOBS

Hawaii's labor market conditions were all negative in the fourth quarter of 2020. The civilian unemployment rate increased due to the number of unemployed civilians increasing, combined with the size of the labor force decreasing. The civilian non-agricultural wage and salary jobs also decreased.

In the fourth quarter of 2020, the civilian labor force averaged 651,350 people, a decrease of 14,950 people or 2.2 percent from the same quarter of 2019 (Table A-1). In 2020, the civilian labor force declined by 19,450 people or 2.9 percent from the previous year.

Civilian employment totaled 578,700 people in the fourth quarter of 2020, a decrease of 71,000 people or 10.9 percent compared to the same quarter of 2019 (Table A-2). In 2020, average civilian employment decreased 77,650 people or 12.0 percent from the previous year.

In the fourth quarter of 2020, the number of civilian unemployed averaged 72,650, an increase of 56,000 people or 336.3 percent from the same quarter of 2019 (Table A-3). In 2020, the number of unemployed increased 58,300 people or 322.7 percent from the previous year.

The unemployment rate (not seasonally adjusted) was 11.2 percent in the fourth quarter of 2020, 8.7 percentage points above the fourth quarter of 2019 (Table A-4). In 2020, the unemployment rate increased 9.3 percentage points from the previous year to 12.0 percent.

In the fourth quarter of 2020, Hawaii's non-agricultural wage and salary jobs averaged 561,500 jobs, a decrease of 101,400 jobs or 15.3 percent from the same quarter of 2019 (Table A-6). In 2020, average non-agricultural wage and salary jobs decreased 12.7 percent or 83,000 jobs from the previous year.

The job decrease in the fourth quarter of 2020 was due to job decreases in both the private sector and the government sector. In this quarter, the private sector lost about 92,400 non-agricultural jobs compared to the fourth quarter of 2019. All private sector industries lost jobs in the quarter. Jobs decreased the most in Accommodation, which lost 26,300 jobs or 61.9 percent (Table A-18); followed by Food Services and Drinking Places, which lost 23,900 jobs or 33.9 percent (Table A-19), Transportation, Warehousing & Utilities, which lost 8,800 jobs or 20.7 percent (Table A-11), Professional & Business Services, lost 8,500 jobs or 11.3 percent (Table A-14), Arts, Entertainment & Recreation, lost 3,700 jobs or 27.4 percent (Table A-17), Retail Trade, lost 3,200 jobs or 4.5 percent (Table A-10), and Other Services, lost 3,200 jobs or 11.3 percent (Table A-20) in the quarter.

The Government sector lost 9,000 jobs or 7.0 percent (Table A-21) in the fourth quarter of 2020 compared to the same quarter of 2019. The Federal Government lost 600 jobs or 1.7 percent (Table A-22), the State Government lost 8,600 jobs or 11.4 percent (Table A-23), and the Local Government added 100 jobs or 0.5 percent (Table A-24), compared to the fourth quarter of 2019.

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

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	Annual Average
Not Seasonally Adjusted Data. Number of Jobs 1/					
1990	520,000	528,600	525,900	539,300	528,400
1991	537,900	537,300	536,000	545,200	539,100
1992	543,100	544,700	538,700	544,800	542,800
1993	540,000	543,500	532,000	539,500	538,800
1994	535,200	538,000	530,500	540,600	536,100
1995	536,000	536,300	526,200	533,300	532,900
1996	531,400	531,500	526,100	534,500	530,900
1997	533,200	533,600	526,600	533,900	531,800
1998	530,000	533,100	528,100	535,000	531,500
1999	528,700	535,100	532,900	545,100	535,400
2000	542,900	552,900	549,900	562,100	551,900
2001	555,700	559,400	554,750	552,450	555,550
2002	549,050	557,450	555,550	567,650	557,450
2003	564,650	567,300	564,650	576,750	568,350
2004	574,550	582,500	581,950	597,750	584,200
2005	592,650	602,450	601,800	613,000	602,500
2006	609,700	618,050	616,450	627,850	618,000
2007	622,400	626,300	621,750	632,900	625,850
2008	626,300	624,900	614,050	615,850	620,300
2009	600,150	595,850	583,800	590,400	592,550
2010	584,500	588,700	582,400	596,600	588,000
2011	590,700	593,700	590,100	604,200	594,700
2012	597,300	607,300	605,600	620,400	607,700
2013	612,900	619,300	616,200	631,200	619,900
2014	624,400	627,700	624,300	637,400	628,500
2015	633,600	637,700	634,800	649,800	639,000
2016	643,100	646,500	645,100	655,800	647,600
2017	652,500	656,100	649,600	661,600	655,000
2018 2/	656,600	658,800	652,000	665,600	658,300
2019 2/	657,500	653,600	648,700	662,900	655,700
2020 3/	657,300	535,100	536,800	561,500	572,700
Percentage Change from the Same Period in Previous Year					
1991	3.4	1.6	1.9	1.1	2.0
1992	1.0	1.4	0.5	-0.1	0.7
1993	-0.6	-0.2	-1.2	-1.0	-0.7
1994	-0.9	-1.0	-0.3	0.2	-0.5
1995	0.1	-0.3	-0.8	-1.4	-0.6
1996	-0.9	-0.9	0.0	0.2	-0.4
1997	0.3	0.4	0.1	-0.1	0.2
1998	-0.6	-0.1	0.3	0.2	-0.1
1999	-0.2	0.4	0.9	1.9	0.7
2000	2.7	3.3	3.2	3.1	3.1
2001	2.4	1.2	0.9	-1.7	0.7
2002	-1.2	-0.3	0.1	2.8	0.3
2003	2.8	1.8	1.6	1.6	2.0
2004	1.8	2.7	3.1	3.6	2.8
2005	3.2	3.4	3.4	2.6	3.1
2006	2.9	2.6	2.4	2.4	2.6
2007	2.1	1.3	0.9	0.8	1.3
2008	0.6	-0.2	-1.2	-2.7	-0.9
2009	-4.2	-4.6	-4.9	-4.1	-4.5
2010	-2.6	-1.2	-0.2	1.1	-0.8
2011	1.1	0.8	1.3	1.3	1.1
2012	1.1	2.3	2.6	2.7	2.2
2013	2.6	2.0	1.8	1.7	2.0
2014	1.9	1.4	1.3	1.0	1.4
2015	1.5	1.6	1.7	1.9	1.7
2016	1.5	1.4	1.6	0.9	1.3
2017	1.5	1.5	0.7	0.9	1.1
2018 2/	0.6	0.4	0.4	0.6	0.5
2019 2/	0.1	-0.8	-0.5	-0.4	-0.4
2020 3/	0.0	-18.1	-17.2	-15.3	-12.7

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

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

3/ Q3 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 third quarter of 2020, total annualized nominal GDP decreased \$6,160 million or 6.4 percent, from the third quarter of 2019. In the first three quarters of 2020, total annualized nominal GDP decreased \$5,772 million or 6.1 percent from the same period of the previous year. In the third quarter of 2020, total annualized real GDP (in chained 2012 dollars) decreased \$6,784 million or 8.2 percent from the third quarter of 2019. In the first three quarters of 2020, total annualized real GDP decreased \$6,500 million or 7.9 percent from the same period of the previous year (Tables B-1 to B-3).

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

In the third quarter of 2020, total nominal annualized personal income (i.e. not adjusted for inflation) increased \$6,612.2 million or 8.2 percent over that of 2019 (Table B-5). In the first three quarters of 2020, total annualized personal income was \$87,053.2 million, an increase of 8.2 percent from the same period of the previous year.

In the third quarter of 2020, wages and salaries decreased \$3,300.7 million or 8.3 percent over that of 2019. In the first three quarters of 2020, wages and salaries decreased 6.0 percent from the same period of the previous year (Table B-8).

Supplements to wages and salaries, consisting of employer payments to retirement plans, private group health insurance plans, private workers compensation plans, and other such benefits, decreased \$625.0 million or 5.6 percent in the third quarter of 2020 from the same quarter of 2019 (Table B-9). In the first three quarters of 2020, supplements to wages and salaries decreased 4.7 percent from the same period of the previous year.

Proprietors' income increased \$292.1 million or 4.3 percent in the third quarter of 2020 over that of 2019 (Table B-10). In the first three quarters of 2020, proprietors' income was down 0.8 percent from the same period of the previous year.

Dividends, interest, and rent decreased \$230.3 million or 1.3 percent in the third quarter of 2020 from

the same quarter of 2019. In the first three quarters of 2020, income in this category was down 0.1 percent from the same period of the previous year (Table B-11).

The annualized personal current transfer receipts grew by \$10,029.4 million or 78.6 percent in the third quarter of 2020 from the same quarter of 2019 (Table B-12). In the first three quarters of 2020, personal current transfer receipts increased 73.5 percent from the same period of the previous year.

Contributions to government social insurance, which is subtracted from total personal income, decreased \$446.8 million or 6.8 percent in the third quarter of 2020 compared to the third quarter of 2019. In the first three quarters of 2020, contributions to government social insurance decreased 4.5 percent from the same period of the previous year (Table B-13).

In the third quarter of 2020, total non-farm private sector annualized earnings decreased \$3,879.7 million or 9.5 percent from the third quarter of 2019. In dollar terms, the largest decrease occurred in accommodation and food services; followed by other services, arts, entertainment, and recreation, transportation and warehousing, and retail trade. During the third quarter of 2020, total government earnings increased \$162.7 million or 1.0 percent from the same quarter of 2019. Earnings from the federal government increased \$187.0 million or 2.0 percent. Earnings from the state and local governments decreased \$24.3 million or 0.3 percent in the quarter (Table B-4).

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 0.8 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 September 2003, according to NAICS classification only]

Series 1/	Third Quarter 2019	First Quarter 2020	Second Quarter 2020	Third Quarter 2020	Ann Aver 2019	YTD 2019	YTD 2020	Percentage change			
								Third Quarter 2020		Ann Aver	YTD 2020
								Third Quarter 2019	Second Quarter 2020	2019 from 2018	YTD 2019
PERSONAL INCOME	80,868,124	81,928,286	91,750,803	87,480,363	80,726,523	80,440,444	87,053,151	8.2	-4.7	2.9	8.2
Earnings By Place of Work	57,487,960	58,185,481	50,848,481	53,854,291	57,466,336	57,245,157	54,296,084	-6.3	5.9	3.2	-5.2
Wages and salaries	39,557,312	40,141,217	34,724,554	36,256,619	39,570,051	39,417,483	37,040,797	-8.3	4.4	3.3	-6.0
Supplements to wages and salaries	11,173,488	11,197,524	10,188,478	10,548,446	11,187,748	11,165,448	10,644,816	-5.6	3.5	1.6	-4.7
Emp'er contrib. for emp'ee pension & ins. fur	8,064,460	8,029,562	7,322,941	7,607,560	8,077,067	8,066,789	7,653,354	-5.7	3.9	1.0	-5.1
Employer contributions for gov't social ins.	3,109,028	3,167,962	2,865,537	2,940,886	3,110,681	3,098,659	2,991,462	-5.4	2.6	3.2	-3.5
Proprietors' income	6,757,160	6,846,740	5,935,449	7,049,226	6,708,537	6,662,227	6,610,472	4.3	18.8	4.8	-0.8
Farm proprietors' income	21,164	11,333	77,851	90,880	14,489	15,277	60,021	329.4	16.7	(2/)	292.9
Nonfarm proprietors' income	6,735,996	6,835,407	5,857,598	6,958,346	6,694,048	6,646,949	6,550,450	3.3	18.8	4.5	-1.5
Dividends, interest, and rent	17,205,076	17,323,745	17,049,261	16,974,784	17,168,006	17,128,411	17,115,930	-1.3	-0.4	1.5	-0.1
plus: Personal current transfer receipts	12,756,100	13,102,980	29,813,082	22,785,465	12,672,775	12,624,147	21,900,509	78.6	-23.6	4.3	73.5
Social Security benefits	4,558,400	4,719,914	4,752,738	4,777,327	4,541,750	4,522,396	4,749,993	4.8	0.5	6.4	5.0
Medicare benefits	2,872,232	2,928,003	3,003,633	3,076,426	2,850,700	2,833,693	3,002,687	7.1	2.4	6.5	6.0
Medicaid	2,249,980	2,229,928	2,378,404	2,491,073	2,201,532	2,187,540	2,366,468	10.7	4.7	-0.7	8.2
State unempl. ins. comp.	145,264	206,998	10,694,212	7,981,668	145,840	146,267	6,294,293	5,394.6	-25.4	0.7	4,203.3
All other personal current transfer receipts	2,930,224	3,018,137	8,984,095	4,458,971	2,932,953	2,934,251	5,487,068	52.2	-50.4	3.0	87.0
Less: Contributions for gov't social insurance	6,581,012	6,683,920	5,960,021	6,134,177	6,580,594	6,557,271	6,259,373	-6.8	2.9	3.8	-4.5
Personal contributions for gov't social ins.	3,471,984	3,515,958	3,094,484	3,193,291	3,469,913	3,458,612	3,267,911	-8.0	3.2	4.3	-5.5
Employer contributions for gov't social ins.	3,109,028	3,167,962	2,865,537	2,940,886	3,110,681	3,098,659	2,991,462	-5.4	2.6	3.2	-3.5
Earnings By Industry	57,487,960	58,185,481	50,848,481	53,854,291	57,466,336	57,245,157	54,296,084	-6.3	5.9	3.2	-5.2
Farm Earnings	240,012	241,061	309,964	323,393	230,919	229,117	291,473	34.7	4.3	10.6	27.2
Nonfarm Earnings	57,247,948	57,944,420	50,538,517	53,530,898	57,235,417	57,016,040	54,004,612	-6.5	5.9	3.1	-5.3
Private earnings	40,675,016	41,290,046	34,368,930	36,795,305	40,701,231	40,532,848	37,484,760	-9.5	7.1	2.8	-7.5
Forestry, fishing, & related activities	87,500	96,334	89,685	103,479	90,099	87,373	96,499	18.3	15.4	6.0	10.4
Mining	32,544	31,641	30,514	30,988	31,504	31,321	31,048	-4.8	1.6	9.3	-0.9
Utilities	583,556	633,230	612,665	618,367	607,714	599,656	621,421	6.0	0.9	1.1	3.6
Construction	4,488,676	4,545,712	4,601,109	4,550,754	4,508,095	4,498,869	4,565,858	1.4	-1.1	3.7	1.5
Manufacturing	978,112	977,528	847,094	873,417	972,057	973,936	899,346	-10.7	3.1	-2.8	-7.7
Durable goods	333,008	330,251	306,176	337,297	332,338	332,144	324,575	1.3	10.2	0.2	-2.3
Nondurable goods	645,104	647,277	540,918	536,120	639,719	641,792	574,772	-16.9	-0.9	-4.2	-10.4
Wholesale trade	1,452,768	1,452,051	1,300,302	1,282,892	1,462,939	1,468,591	1,345,082	-11.7	-1.3	3.6	-8.4
Retail trade	3,413,600	3,474,780	2,929,630	3,161,921	3,415,452	3,402,704	3,188,777	-7.4	7.9	2.7	-6.3
Transportation and warehousing	2,646,444	2,690,433	2,006,108	2,309,566	2,609,905	2,583,239	2,335,369	-12.7	15.1	6.3	-9.6
Information	839,928	832,414	738,559	736,774	862,570	863,316	769,249	-12.3	-0.2	-6.7	-10.9
Finance and insurance	1,744,968	1,844,482	1,875,572	1,932,718	1,773,535	1,760,132	1,884,257	10.8	3.0	5.9	7.1
Real estate and rental and leasing	1,891,184	1,949,869	1,731,937	1,906,848	1,899,302	1,891,940	1,862,885	0.8	10.1	4.6	-1.5
Prof., scientific, & technical services	3,195,528	3,267,991	3,243,819	3,322,312	3,225,402	3,219,567	3,278,041	4.0	2.4	3.5	1.8
Management of companies and enterprises	1,067,252	996,967	959,483	942,843	1,068,452	1,070,923	966,431	-11.7	-1.7	4.8	-9.8
Admin. & waste management services	2,253,428	2,388,813	2,018,716	2,028,013	2,256,386	2,248,327	2,145,181	-10.0	0.5	-13.8	-4.6
Educational services	854,940	857,944	799,504	878,858	851,129	848,485	845,435	2.8	9.9	4.1	-0.4
Health care and social assistance	5,938,232	6,047,183	5,667,458	6,006,344	5,911,118	5,881,656	5,906,995	1.1	6.0	5.0	0.4
Arts, entertainment, and recreation	775,392	769,000	411,080	433,291	784,028	771,820	537,790	-44.1	5.4	5.3	-30.3
Accommodation and food services	6,046,172	6,022,964	2,461,456	3,667,820	5,991,548	5,966,052	4,050,747	-39.3	49.0	5.3	-32.1
Other services, except public admin.	2,384,792	2,410,710	2,044,239	2,008,100	2,379,996	2,364,941	2,154,350	-15.8	-1.8	4.7	-8.9
Government and government enterprises	16,572,932	16,654,374	16,169,587	16,735,593	16,534,186	16,483,192	16,519,851	1.0	3.5	3.8	0.2
Federal	9,160,164	9,130,249	9,189,886	9,347,159	9,132,402	9,096,700	9,222,431	2.0	1.7	4.4	1.4
Federal, civilian	4,051,436	4,114,773	4,096,153	4,166,255	4,040,782	4,011,635	4,125,727	2.8	1.7	4.2	2.8
Military	5,108,728	5,015,476	5,093,733	5,180,904	5,091,620	5,085,065	5,096,704	1.4	1.7	4.5	0.2
State and local	7,412,768	7,524,125	6,979,701	7,388,434	7,401,784	7,386,492	7,297,420	-0.3	5.9	3.2	-1.2

1/ 2020Q1 to 2020Q2 revised from previous QSER.

2/ Percentage change involving negative values not meaningful.

Source: U.S. Department of Commerce, Bureau of Economic Analysis, State Quarterly Personal Income, December 17, 2020 <<http://www.bea.gov/iTable/iTable.cfm?reqid=70&step=1&isuri=1&acrdn=3>> accessed December 17, 2020.

**Table B-14. HONOLULU and U.S. CONSUMER PRICE INDEX,  
ALL URBAN CONSUMERS (CPI-U)**  
[1982-84=100. Data are not seasonally adjusted]

Period	U.S.	Honolulu 1/								
		All Items	Food & Beverages	Housing	Apparel	Transportation	Medical Care	Recreation 2/	Educ. & Comm. 2/	Other Goods & Services
1990	130.7	138.1	137.8	141.5	107.0	131.1	154.2	(2/)	(2/)	160.4
1991	136.2	148.0	145.9	152.8	110.5	139.3	171.3	(2/)	(2/)	175.7
1992	140.3	155.1	148.5	161.7	114.2	147.4	182.6	(2/)	(2/)	189.0
1993	144.5	160.1	152.9	166.5	116.5	150.5	197.4	(2/)	(2/)	200.1
1994	148.2	164.5	153.4	171.6	118.7	156.4	206.0	(2/)	(2/)	209.6
1995	152.4	168.1	156.8	174.7	117.5	162.4	209.8	(2/)	(2/)	216.8
1996	156.9	170.7	156.8	176.8	118.5	167.0	215.0	(2/)	(2/)	226.5
1997	160.5	171.9	159.2	177.1	117.3	166.2	217.3	(2/)	(2/)	239.0
1998	163.0	171.5	159.1	176.0	112.2	162.5	226.1	100.8	99.1	256.1
1999	166.6	173.3	162.9	175.8	105.4	162.2	231.3	101.9	104.5	275.6
2000	172.2	176.3	164.8	177.9	103.5	169.6	239.8	102.8	106.5	279.7
2001	177.1	178.4	169.5	179.1	101.0	174.5	(3/)	101.6	104.6	289.3
2002	179.9	180.3	171.9	181.2	102.6	170.9	(3/)	99.5	107.8	302.2
2003	184.0	184.5	174.9	186.2	98.5	176.4	(3/)	100.4	112.5	307.6
2004	188.9	190.6	180.2	194.3	101.2	182.4	275.9	102.3	113.5	312.4
2005	195.3	197.8	185.9	205.2	102.5	191.6	(3/)	97.8	114.3	321.0
2006	201.6	209.4	194.2	222.5	104.4	202.1	(3/)	101.1	114.0	332.1
2007	207.342	219.504	204.942	238.428	104.145	205.027	(3/)	102.572	113.967	347.499
2008	215.303	228.861	216.625	248.700	105.277	213.998	317.955	105.290	117.118	365.441
2009	214.537	230.048	224.317	249.735	112.811	200.296	321.599	105.239	122.843	395.186
2010	218.056	234.869	224.774	251.968	116.423	214.411	320.153	107.484	128.483	415.526
2011	224.939	243.622	232.656	260.606	118.394	229.223	324.180	110.473	132.248	433.536
2012	229.594	249.474	242.786	265.473	121.481	231.275	334.441	113.961	137.276	440.428
2013	232.957	253.924	250.922	269.885	119.011	233.133	345.184	116.818	139.423	447.178
2014	236.736	257.589	256.023	273.499	111.141	236.373	351.763	119.586	143.488	457.958
2015	237.017	260.165	267.041	276.047	108.893	216.756	378.876	121.840	147.869	478.634
2016	240.007	265.283	272.051	283.565	111.736	211.645	400.408	124.872	149.785	484.820
2017	245.120	272.014	277.301	294.510	115.762	217.646	407.384	125.781	144.410	488.990
2018	251.107	277.078	281.796	300.679	110.259	227.694	(3/)	128.651	142.193	497.228
2019	255.657	281.585	287.622	307.889	114.795	223.689	(3/)	130.977	143.547	504.378
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/dsrrv>> accessed January 13, 2021.

## C. TAX REVENUES

The State general fund tax revenues decreased in the fourth quarter of 2020 compared to the same quarter of 2019.<sup>1</sup> The General Excise Tax and Transient Accommodations Tax (TAT) declined while the Net Individual Income Tax and Net Corporate Income Tax revenues increased in the fourth quarter of 2020 compared to the same quarter of 2019.

In the fourth quarter of 2020, total tax collections distributed to the State general fund totaled \$1,478.9 million, a decrease of \$196.2 million or 11.7 percent over the same quarter of 2019 (Tables C-1 and C-2). In 2020, State general fund tax revenues decreased \$877.0 million or 12.0 percent over the previous year.

During the fourth quarter of 2020, GET revenues (excluding the Honolulu County Surcharge) totaled \$694.1 million, a decrease of \$170.3 million or 19.7 percent over the same quarter of 2019 (Table C-3). In 2020, GET revenues decreased \$563.4 million or 15.6 percent from the previous year.

Compared to the fourth quarter of 2019, Net Individual Income Tax revenues decreased \$19.1 million or 3.1 percent to \$593.3 million in the fourth quarter of 2020 (Table C-4). In the fourth quarter of 2020, Declaration of Estimated Taxes increased \$22.5 million or 33.5 percent

(Table C-5), Payments with Returns decreased \$0.9 million or 1.8 percent (Table C-6), Revenues from Withholding Tax on Wages decreased \$28.1 million or 5.1 percent (Table C-7), and Refunds increased \$12.6 million or 22.1 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, increased from \$13.3 million in the fourth quarter of 2019 to \$28.6 million in the fourth quarter of 2020 (Table C-9). In the fourth quarter of 2020, the Declaration of Estimated Taxes increased \$3.9 million or 7.5 percent (Table C-10), the Payment with Returns increased \$4.0 million (Table C-11), and the Refunds decreased \$7.5 million or 20.0 percent (Table C-12), compared with the same quarter of 2019. In 2020, Net Corporate Income Tax revenues decreased \$95.9 million or 69.9 percent from the previous year.

In the fourth quarter of 2020, Transient Accommodations Tax (TAT) revenues decreased \$119.0 million or 83.5 percent compared to the same quarter of 2019 (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	1,660,763	1,100,317	48,269	3,172,250	
2002	1,679,840	1,059,646	55,373	3,116,029	
2003	1,820,498	1,071,360	5,189	3,211,431	
2004	1,991,539	1,235,721	75,171	3,652,686	
2005	2,263,393	1,447,744	132,589	4,252,231	
2006	2,457,379	1,576,674	86,975	4,522,261	
2007	2,623,514	1,579,138	80,014	4,683,086	
2008	2,567,821	1,564,708	76,602	4,608,569	
2009	2,296,288	1,267,602	36,683	4,018,215	
2010	2,379,942	1,375,120	52,815	4,312,342	
2011	2,588,488	1,460,621	19,548	4,662,521	
2012	2,844,741	1,651,212	112,695	5,259,149	
2013	2,907,622	1,745,615	135,338	5,451,640	
2014	2,979,776	1,820,693	65,746	5,535,709	
2015	3,141,489	2,054,098	76,462	5,998,615	
2016	3,205,733	2,118,219	89,697	6,215,407	
2017	3,349,822	2,285,956	42,128	6,484,975	
2018	3,426,525	2,535,656	114,268	6,933,078	
2019	3,602,222	2,683,592	137,143	7,316,550	
2020	3,038,781	2,597,385	41,288	6,439,580	
2002	1 Qtr.	395,795	266,388	18,655	761,922
	2 Qtr.	400,462	255,030	25,751	757,798
	3 Qtr.	473,241	266,331	4,267	820,290
	4 Qtr.	410,341	271,897	6,700	776,019
2003	1 Qtr.	455,018	254,081	-25,417	772,047
	2 Qtr.	454,098	245,799	22,712	813,686
	3 Qtr.	473,268	274,363	8,154	819,182
	4 Qtr.	438,113	297,117	-260	806,515
2004	1 Qtr.	506,097	261,760	12,022	874,018
	2 Qtr.	482,899	335,713	36,737	946,670
	3 Qtr.	519,129	325,902	15,156	946,218
	4 Qtr.	483,415	312,346	11,257	885,780
2005	1 Qtr.	579,475	338,591	12,413	1,054,797
	2 Qtr.	554,585	404,642	46,779	1,110,743
	3 Qtr.	579,607	361,900	67,092	1,099,688
	4 Qtr.	549,727	342,612	6,305	987,002
2006	1 Qtr.	638,194	355,719	1,330	1,106,472
	2 Qtr.	587,788	490,365	55,282	1,241,830
	3 Qtr.	605,813	361,508	22,781	1,076,795
	4 Qtr.	625,584	369,081	7,582	1,097,164
2007	1 Qtr.	662,362	341,183	9,136	1,116,467
	2 Qtr.	662,003	488,514	42,336	1,295,154
	3 Qtr.	646,384	379,033	27,297	1,146,614
	4 Qtr.	652,765	370,408	1,245	1,124,851
2008	1 Qtr.	678,489	336,354	14,593	1,138,545
	2 Qtr.	641,149	459,040	41,946	1,231,862
	3 Qtr.	655,075	382,982	17,117	1,161,528
	4 Qtr.	593,107	386,333	2,945	1,076,634
2009	1 Qtr.	589,891	265,502	-9,201	954,075
	2 Qtr.	579,506	304,239	24,259	1,010,064
	3 Qtr.	577,836	357,169	12,451	1,051,792
	4 Qtr.	549,055	340,692	-9,229	1,002,283
2010	1 Qtr.	616,777	428,586	18,696	1,192,489
	2 Qtr.	572,766	401,662	37,267	1,117,994
	3 Qtr.	611,575	165,284	1,752	908,912
	4 Qtr.	578,824	379,587	-4,900	1,092,946
2011	1 Qtr.	652,857	289,893	-8,202	1,068,341
	2 Qtr.	652,551	412,388	45,923	1,259,112
	3 Qtr.	655,038	395,424	10,662	1,215,241
	4 Qtr.	628,042	362,916	-28,835	1,119,826
2012	1 Qtr.	711,092	276,663	33,542	1,186,786
	2 Qtr.	703,779	506,048	57,658	1,455,995
	3 Qtr.	738,753	435,471	21,335	1,346,738
	4 Qtr.	691,117	433,030	160	1,269,630
2013	1 Qtr.	757,923	351,323	14,909	1,282,926
	2 Qtr.	756,693	516,183	64,584	1,572,719
	3 Qtr.	698,689	454,022	39,471	1,311,027
	4 Qtr.	694,316	424,087	16,374	1,284,968
2014	1 Qtr.	746,724	346,914	-11,265	1,286,988
	2 Qtr.	740,811	520,787	42,441	1,487,285
	3 Qtr.	754,466	453,178	15,558	1,348,688
	4 Qtr.	737,774	499,814	19,012	1,412,748
2015	1 Qtr.	782,302	464,230	9,632	1,444,563
	2 Qtr.	773,665	570,972	8,118	1,529,142
	3 Qtr.	831,149	520,447	50,082	1,593,064
	4 Qtr.	754,374	498,450	8,630	1,431,846
2016	1 Qtr.	818,316	495,998	-17,278	1,504,155
	2 Qtr.	802,314	601,965	51,601	1,665,290
	3 Qtr.	801,115	509,507	18,476	1,545,715
	4 Qtr.	783,988	510,748	36,898	1,500,247
2017	1 Qtr.	831,893	556,351	-31,911	1,575,636
	2 Qtr.	822,229	616,196	53,298	1,693,618
	3 Qtr.	901,033	543,027	32,139	1,691,534
	4 Qtr.	794,667	570,382	-11,397	1,524,187
2018	1 Qtr.	959,068	513,448	14,562	1,710,827
	2 Qtr.	740,798	865,605	33,708	1,869,488
	3 Qtr.	880,361	579,322	22,188	1,697,744
	4 Qtr.	846,297	577,281	43,810	1,655,019
2019	1 Qtr.	916,354	524,252	17,491	1,688,188
	2 Qtr.	898,376	887,762	80,188	2,100,839
	3 Qtr.	923,136	659,199	26,198	1,852,368
	4 Qtr.	864,355	612,379	13,267	1,675,155
2020	1 Qtr.	971,273	560,056	-24,900	1,791,047
	2 Qtr.	677,373	528,181	-6,157	1,376,238
	3 Qtr.	696,048	915,885	43,710	1,793,371
	4 Qtr.	694,087	593,262	28,637	1,478,925

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.  
Source: Hawaii State Department of Taxation and <[http://www.hawaii.gov/tax/a5\\_3txcolp1.htm](http://www.hawaii.gov/tax/a5_3txcolp1.htm)>.

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

Year	General Excise and Use Tax	Net Individual Income Tax 1/	Net Corporate Income Tax 2/	Tax Revenues Distributed to State General Fund	
Percentage Change from the Same Period in Previous Year					
1991	3.0	21.2	-18.2	6.7	
1992	0.9	2.4	-39.4	5.3	
1993	0.7	3.2	-48.0	1.3	
1994	3.0	5.5	53.9	4.6	
1995	2.9	-8.4	9.1	-2.2	
1996	6.0	8.3	37.2	7.1	
1997	-2.5	-1.1	8.5	-1.5	
1998	0.3	11.0	-9.9	4.8	
1999	1.3	-3.6	-4.8	-1.7	
2000	10.8	2.5	41.8	8.0	
2001	3.1	1.8	-28.6	3.4	
2002	1.1	-3.7	14.7	-1.8	
2003	8.4	1.1	-90.6	3.1	
2004	9.4	15.3	1,348.7	13.7	
2005	13.7	17.2	76.4	16.4	
2006	8.6	8.9	-34.4	6.4	
2007	6.8	0.2	-8.0	3.6	
2008	-2.1	-0.9	-4.3	-1.6	
2009	-10.6	-19.0	-52.1	-12.8	
2010	3.6	8.5	44.0	7.3	
2011	8.8	6.2	-63.0	8.1	
2012	9.9	13.0	476.5	12.8	
2013	2.2	5.7	20.1	3.7	
2014	2.5	4.3	-51.4	1.5	
2015	5.4	12.8	16.3	8.4	
2016	2.0	3.1	17.3	3.6	
2017	4.5	7.9	-53.0	4.3	
2018	2.3	10.9	171.2	6.9	
2019	5.1	5.8	20.0	5.5	
2020	-15.6	-3.2	-69.9	-12.0	
2003	1 Qtr.	15.0	-4.6	(3/)	1.3
	2 Qtr.	13.4	-3.6	-11.8	7.4
	3 Qtr.	0.0	3.0	91.1	-0.1
	4 Qtr.	6.8	9.3	-103.9	3.9
2004	1 Qtr.	11.2	3.0	(3/)	13.2
	2 Qtr.	6.3	36.6	61.7	16.3
	3 Qtr.	9.7	18.8	85.9	15.5
	4 Qtr.	10.3	5.1	(3/)	9.8
2005	1 Qtr.	14.5	29.4	3.2	20.7
	2 Qtr.	14.8	20.5	27.3	17.3
	3 Qtr.	11.6	11.0	342.7	16.2
	4 Qtr.	13.7	9.7	-44.0	11.4
2006	1 Qtr.	10.1	5.1	-89.3	4.9
	2 Qtr.	6.0	21.2	18.2	11.8
	3 Qtr.	4.5	-0.1	-66.0	-2.1
	4 Qtr.	13.8	7.7	20.2	11.2
2007	1 Qtr.	3.8	-4.1	586.7	0.9
	2 Qtr.	12.6	-0.4	-23.4	4.3
	3 Qtr.	6.7	4.8	19.8	6.5
	4 Qtr.	4.3	0.4	-83.6	2.5
2008	1 Qtr.	2.4	-1.4	59.7	2.0
	2 Qtr.	-3.2	-6.0	-0.9	-4.9
	3 Qtr.	1.3	1.0	-37.3	1.3
	4 Qtr.	-9.1	4.3	136.6	-4.3
2009	1 Qtr.	-13.1	-21.1	-36.9	-16.2
	2 Qtr.	-9.6	-33.7	-42.2	-18.0
	3 Qtr.	-11.8	-6.7	-27.3	-9.4
	4 Qtr.	-7.4	-11.8	(3/)	-6.9
2010	1 Qtr.	4.6	61.4	103.2	25.0
	2 Qtr.	-1.2	32.0	53.6	10.7
	3 Qtr.	5.8	-53.7	-85.9	-13.6
	4 Qtr.	5.4	11.4	(3/)	9.0
2011	1 Qtr.	5.8	-32.4	(3/)	-10.4
	2 Qtr.	13.9	2.7	23.2	12.6
	3 Qtr.	7.1	139.2	508.6	33.7
	4 Qtr.	8.5	-4.4	(3/)	2.5
2012	1 Qtr.	8.9	-4.6	(3/)	11.1
	2 Qtr.	7.9	22.7	25.6	15.6
	3 Qtr.	12.8	10.1	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	(3/)	0.3
	2 Qtr.	-2.1	0.9	-34.3	-5.4
	3 Qtr.	8.0	-0.2	-60.6	2.9
	4 Qtr.	6.3	17.9	16.1	9.9
2015	1 Qtr.	4.8	33.8	(3/)	12.2
	2 Qtr.	4.4	9.6	-80.9	2.8
	3 Qtr.	10.2	14.8	221.9	18.1
	4 Qtr.	2.3	-0.3	-54.6	1.4
2016	1 Qtr.	4.6	6.8	(3/)	4.1
	2 Qtr.	3.7	5.4	535.7	8.9
	3 Qtr.	-3.6	-2.1	-63.1	-3.0
	4 Qtr.	3.9	2.5	327.5	4.8
2017	1 Qtr.	1.7	12.2	(3/)	4.8
	2 Qtr.	2.5	2.4	3.3	1.7
	3 Qtr.	12.5	6.6	73.9	9.4
	4 Qtr.	1.4	11.7	(3/)	1.6
2018	1 Qtr.	15.3	-7.7	(3/)	8.6
	2 Qtr.	-9.9	40.5	-36.8	10.4
	3 Qtr.	-2.3	6.7	-31.0	0.4
	4 Qtr.	6.5	1.2	(3/)	8.6
2019	1 Qtr.	-4.5	2.1	20.1	-1.3
	2 Qtr.	21.3	2.6	137.9	12.4
	3 Qtr.	4.9	13.8	18.1	9.1
	4 Qtr.	2.1	6.1	-69.7	1.2
2020	1 Qtr.	6.0	6.8	(3/)	6.1
	2 Qtr.	-24.6	-40.5	(3/)	-34.5
	3 Qtr.	-24.6	38.9	66.8	-3.2
	4 Qtr.	-19.7	-3.1	115.9	-11.7

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/ 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 fourth quarter of 2020. The daily visitor census decreased less than the decrease of visitor arrivals in the quarter.

The total number of visitor arrivals by air decreased 2,013,165 or 80.2 percent in the fourth quarter of 2020, compared to the same quarter of 2019 (Tables D-1 and D-2). The total average daily census was down 169,083 or 70.7 percent in the quarter. In 2020, total visitor arrivals by air decreased 7,556,762 or 73.8 percent, and average daily census decreased 167,699 or 68.2 percent.

In the fourth quarter of 2020, total visitor arrivals on domestic flights decreased 1,279,417 or 72.4 percent compared to the same quarter of 2019 (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 733,748 or 99.0 percent in the fourth quarter of 2020 compared to the fourth quarter of 2019 (Table D-4). In 2020, international arrivals decreased 2,365,598 or 79.1 percent from 2019.

In terms of major market areas, from the fourth quarter of 2019 to the same period of 2020, arrivals from the U.S. West decreased 804,935 or 70.1 percent (Table D-5), arrivals from the U.S. East decreased 382,494 or 74.4 percent (Table D-6), and arrivals from Japan decreased 400,133 or 99.4 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 fourth quarter of 2020, the length of stay per visitor increased. Due to the longer length of stay, the average total daily visitor census decreased less than the decrease in visitor arrivals in the quarter. The total average daily visitor

census was down 70.7 percent or 169,083 visitors per day in the fourth quarter of 2020, over the same quarter of 2019 (Table D-8). The domestic average daily census decreased 61.5 percent or 109,576 visitors per day (Table D-9), while the international average daily census decreased 97.8 percent or 59,508 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 62.7 percent or 2,125,559 seats (Table D-12) in the fourth quarter of 2020, domestic seats decreased 51.0 percent or 1,246,020 seats (Table D-13); international seats declined 92.8 percent or 879,539 seats (Table D-14), compared to the same quarter of 2019. In 2020, the number of total available seats decreased 60.6 percent or 8,194,218 seats from the previous year.

In the fourth quarter of 2020, the statewide hotel occupancy rate averaged 21.9 percent, 57.7 percentage points lower than the same quarter of 2019 (Table D-15). In 2020, the statewide hotel occupancy rate averaged 37.1 percent, 43.7 percentage points lower than 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

1/ Staying overnight or longer.

2/ 2020 data are preliminary.

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

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

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

1/ Staying overnight or longer.

2/ 2020 data are preliminary.

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

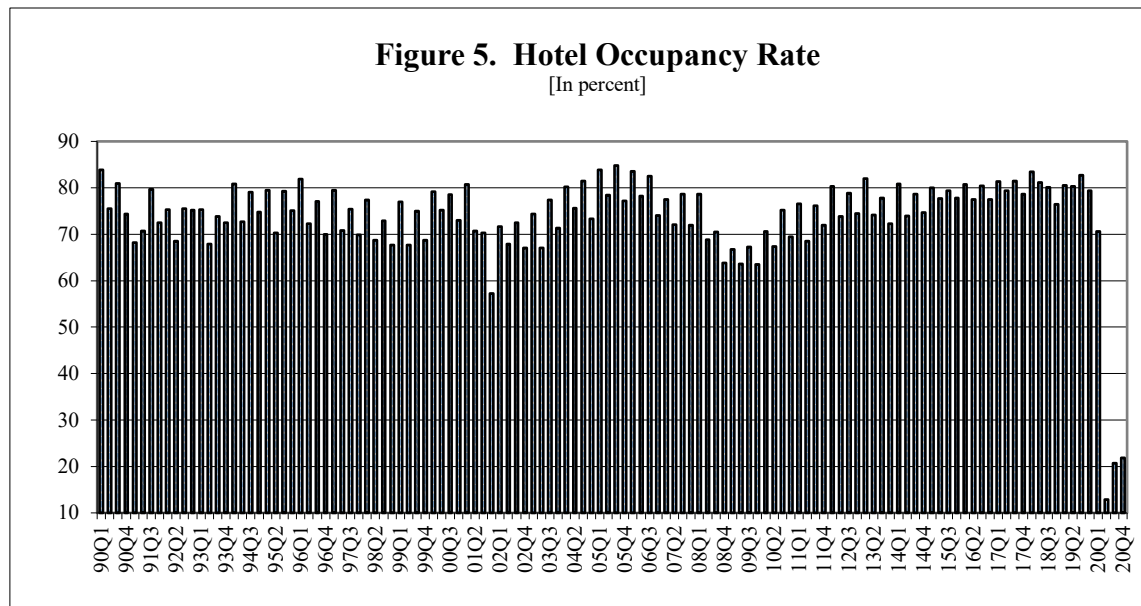
**Table D-15. HOTEL OCCUPANCY RATE**

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	Annual Average
In Percent					
1982	79.0	65.9	70.9	66.7	70.4
1983	75.2	68.1	71.7	66.5	69.7
1984	84.0	75.6	74.6	75.1	76.0
1985	88.1	69.1	75.0	72.5	76.1
1986	87.0	78.8	79.9	76.8	81.7
1987	88.0	77.1	82.1	77.8	81.1
1988	81.7	75.1	81.3	75.1	78.5
1989	85.9	73.9	81.0	75.7	79.0
1990	83.9	75.5	81.0	74.3	78.8
1991	68.2	70.7	79.7	72.5	72.4
1992	75.3	68.6	75.5	75.2	72.7
1993	75.3	67.9	73.8	72.5	72.0
1994	80.9	72.7	79.1	74.8	76.5
1995	79.5	70.3	79.2	75.1	75.8
1996	81.9	72.3	77.1	70.0	75.2
1997	79.5	70.8	75.5	69.9	73.9
1998	77.4	68.7	72.9	67.7	71.5
1999	77.0	67.7	75.0	68.7	72.1
2000	79.2	75.2	78.5	73.1	76.0
2001	80.7	70.7	70.3	57.2	69.2
2002	71.7	67.9	72.5	67.1	69.7
2003	74.4	67.1	77.4	71.3	72.6
2004	80.2	75.7	81.5	73.4	77.7
2005	83.8	78.4	84.8	77.2	81.1
2006	83.6	78.2	82.5	74.1	79.5
2007	77.5	72.0	78.6	72.0	75.0
2008	78.7	68.8	70.5	63.8	70.4
2009	66.7	63.7	67.3	63.5	64.8
2010	70.6	67.3	75.2	69.5	70.7
2011	76.6	68.6	76.1	71.9	73.2
2012	80.3	73.8	78.9	74.5	76.9
2013	82.0	74.2	77.8	72.3	76.5
2014	80.8	74.0	78.7	74.7	77.0
2015	80.0	77.7	79.4	77.8	78.7
2016	80.7	77.5	80.5	77.5	79.0
2017	81.4	79.4	81.4	78.6	80.2
2018	83.5	81.1	80.1	76.4	80.3
2019 1/	80.5	80.3	82.8	79.6	80.8
2020 1/	70.6	12.9	20.7	21.9	37.1

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 fourth quarter of 2020. Private building authorizations and construction jobs decreased, however, government contracts awarded and state government CIP expenditures increased in the quarter.

In the fourth quarter of 2020, the number of jobs in the construction sector decreased 1.9 percent or 700 jobs compared with the same quarter of 2019. In 2020, the construction sector added 100 jobs or 0.3 percent (Table A-7) from the previous year. Before the previous 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 fourth quarter of 2020, private building authorizations in the state decreased \$65.4 million or 7.7 percent, compared with the fourth quarter of 2019 (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 fourth quarter of 2020, private building authorizations in Honolulu decreased \$112.6 million or 20.2 percent, compared with the fourth quarter of 2019 (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 fourth quarter of 2020, private building authorizations in Hawaii County increased \$74.8 million or 57.4 percent, compared with the fourth quarter of 2019 (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 fourth quarter of 2020, private building authorizations in Maui decreased \$11.7 million or 8.8 percent, compared with the fourth quarter of 2019 (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 fourth quarter of 2020, private building authorizations (residential only) in Kauai County decreased \$15.9 million or 49.0 percent, compared with the fourth quarter of 2019 (Table E-8). In 2020, private building authorizations in Kauai County increased \$26.2 million or 21.3 percent compared with 2019.

Government contracts awarded increased \$746.4 million or 521.3 percent, from \$143.2 million in the fourth quarter of 2019 to \$889.5 million in the fourth quarter of 2020 (Table E-1). In 2020, government contracts awarded increased \$208.1 million or 13.2 percent, from \$1,572.0 million in 2019 to \$1,780.1 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 increased \$298.2 million or 100.2 percent in the fourth quarter of 2020 compared with the same quarter of 2019. 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 2.7 percent in the fourth quarter of 2020 compared to the same quarter of 2019 for Single Family Residence (Table E-6) and 2.2 percent for High-Rise Building (Table E-7). Comparing 2019 to 2020, the index for Single Family Residence increased 2.5 percent and 1.7 percent for High-Rise Building.

In the fourth quarter of 2020, Honolulu's median price for single family resales was \$870,000, up \$70,000 or 8.7 percent over the same quarter of 2019 (Table E-11). The median price for condominium units was \$440,000, up \$12,000 or 2.8 percent over the same quarter of 2019 (Table E-12). In the fourth quarter of 2020, the number of single-family unit resales increased 13.0 percent, and the number of condominium unit resales increased 5.0 percent, compared with the fourth quarter of 2019 (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 2020, Maui County's single-family unit resales median price was \$795,575 and condominium unit resales median price was \$570,000 (Tables E-17 and E-18).

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

Year	Contracting tax base 1/	Private Building Authorization 4/			Government	
		Total Private Authorizations	Residential 4/	Commercial & Industrial 2/	Additions & Alterations	Contracts Awarded
In Millions of Dollars						
1982	1,294.9	683.1	299.2	242.9	141.1	391.6
1983	1,353.4	685.2	296.2	203.2	185.9	275.0
1984	1,242.9	581.5	327.7	104.0	149.9	388.7
1985	1,367.7	888.9	500.1	208.8	180.1	248.9
1986	1,808.0	1,025.2	455.5	267.4	302.3	422.7
1987	2,003.1	1,161.9	507.0	344.4	310.5	370.9
1988	2,487.6	1,546.5	689.2	541.2	316.1	665.0
1989	3,112.8	1,882.4	910.7	561.8	409.9	725.2
1990	4,003.7	2,101.8	952.3	698.0	451.5	825.5
1991	4,334.1	2,151.8	1,192.0	556.2	403.7	729.4
1992	4,012.7	1,751.9	811.1	532.3	408.5	1,159.1
1993	3,803.6	1,505.4	742.1	308.0	455.3	651.8
1994	3,322.3	1,612.9	849.3	370.3	393.4	693.0
1995	3,133.5	1,531.3	745.5	368.3	417.5	490.2
1996	3,285.1	1,117.8	487.0	252.8	378.0	885.5
1997	2,944.4	1,179.2	542.5	264.5	372.2	615.6
1998	3,016.0	1,054.3	485.5	205.6	363.2	685.1
1999	2,991.2	1,320.2	628.8	306.2	385.3	584.8
2000 3/	3,613.5	1,512.6	800.1	246.2	466.2	810.9
2001	3,766.4	1,585.7	882.4	329.1	374.2	715.7
2002 4/	4,275.0	1,772.0	1,112.9	254.2	404.9	768.3
2003 4/	4,536.3	2,361.2	1,345.1	507.5	508.6	633.4
2004 4/	4,921.5	2,726.5	1,767.7	303.3	655.6	1,384.6
2005 4/	6,024.0	3,492.0	2,259.3	433.5	799.1	725.1
2006 4/	7,223.3	3,770.1	1,811.8	732.0	1,226.2	853.8
2007 4/	8,072.9	3,585.4	1,855.4	703.9	1,026.2	869.5
2008 4/	7,987.1	2,906.6	1,381.6	427.1	1,097.9	952.8
2009 4/	6,641.7	1,998.9	799.2	284.8	914.9	778.6
2010 4/	5,589.8	1,980.3	779.0	377.5	823.8	1,057.6
2011 4/	5,837.4	1,858.8	687.9	285.9	884.9	430.7
2012 4/	7,006.1	2,643.8	837.2	271.1	1,535.5	772.9
2013 4/	7,330.0	2,720.5	1,025.0	296.5	1,399.0	1,194.2
2014 4/	7,024.0	3,315.1	985.9	498.5	1,830.6	1,096.6
2015 4/	8,112.2	3,963.6	1,651.3	702.9	1,609.4	1,554.6
2016 4/	8,288.2	3,240.6	1,448.0	211.0	1,581.7	1,673.3
2017 4/	8,384.4	3,127.8	1,504.7	395.9	1,227.3	1,191.6
2018 4/	9,455.6	3,268.3	1,395.8	402.2	1,470.3	1,948.5
2019 4/	9,602.4	3,221.4	1,211.6	352.7	1,657.1	593.8
2020 4/	(NA)	3,108.5	1,145.0	478.6	1,484.9	3,080.8
1998 1 Qtr.	757.1	260.4	118.2	50.4	91.9	155.3
2 Qtr.	706.3	246.7	121.3	48.4	76.9	127.5
3 Qtr.	793.6	296.0	123.5	55.1	117.3	218.7
4 Qtr.	759.0	251.3	122.6	51.7	77.0	183.5
1999 1 Qtr.	732.1	342.9	141.6	125.0	76.3	177.3
2 Qtr.	737.0	314.3	153.4	72.3	88.5	104.6
3 Qtr.	758.1	314.0	151.1	63.9	99.0	147.1
4 Qtr.	764.0	349.0	182.6	45.0	121.4	155.8
2000 1 Qtr.	877.6	351.8	203.3	61.3	87.3	217.1
2 Qtr.	869.1	392.9	194.9	72.9	125.1	96.6
3 Qtr.	894.9	377.4	204.1	59.1	114.2	405.1
3/ 4 Qtr.	971.8	390.4	197.9	52.9	139.6	92.1
2001 1 Qtr.	920.5	362.5	186.3	96.6	79.6	178.0
2 Qtr.	918.4	423.6	234.3	77.9	111.5	175.7
3 Qtr.	893.2	421.0	256.3	68.3	96.4	113.1
4 Qtr.	1,034.3	378.6	205.6	86.3	86.7	248.9
2002 4/ 1 Qtr.	913.7	336.3	191.7	47.0	97.6	250.8
4/ 2 Qtr.	1,025.0	437.1	276.9	59.3	100.9	133.6
4/ 3 Qtr.	1,213.7	497.6	346.6	47.2	103.8	255.7
4/ 4 Qtr.	1,122.5	501.1	297.7	100.7	102.6	128.2
2003 4/ 1 Qtr.	1,122.3	655.1	326.0	217.9	111.3	168.3
4/ 2 Qtr.	1,139.3	716.7	398.1	155.3	163.3	86.0
4/ 3 Qtr.	1,179.6	531.0	316.5	87.9	126.6	228.3
4/ 4 Qtr.	1,095.1	458.4	304.6	46.4	107.4	150.8
2004 4/ 1 Qtr.	1,143.3	780.8	542.5	107.4	130.8	256.7
4/ 2 Qtr.	1,126.0	718.9	440.5	50.8	227.6	804.1
4/ 3 Qtr.	1,345.9	597.6	366.0	73.0	158.6	187.2
4/ 4 Qtr.	1,306.3	629.3	418.7	72.1	138.5	136.6
2005 4/ 1 Qtr.	1,440.9	706.5	420.3	48.7	237.6	213.6
4/ 2 Qtr.	1,429.8	728.5	450.7	103.4	174.4	105.5
4/ 3 Qtr.	1,608.1	1,050.5	662.1	220.1	168.4	314.4
4/ 4 Qtr.	1,545.1	1,006.4	726.2	61.4	218.8	91.5
2006 4/ 1 Qtr.	1,714.7	766.2	481.1	61.1	224.0	297.2
4/ 2 Qtr.	1,677.1	908.1	451.6	160.7	295.9	174.4
4/ 3 Qtr.	1,920.2	1,051.5	460.5	206.5	384.5	220.6
4/ 4 Qtr.	1,911.3	1,044.2	418.6	303.8	321.8	161.6
2007 4/ 1 Qtr.	1,991.0	737.1	412.1	59.7	265.3	180.1
4/ 2 Qtr.	2,081.1	1,085.7	668.8	222.6	194.2	317.7
4/ 3 Qtr.	1,924.9	896.3	412.1	144.3	339.9	255.1
4/ 4 Qtr.	2,075.9	866.3	362.3	277.2	228.8	116.5
2008 4/ 1 Qtr.	1,885.1	741.1	353.2	94.0	293.9	196.2
4/ 2 Qtr.	1,977.5	1,048.5	517.4	154.7	376.5	132.8
4/ 3 Qtr.	2,095.9	690.0	346.5	132.3	211.3	351.8
4/ 4 Qtr.	2,028.6	426.8	164.5	46.2	216.2	272.0
2009 4/ 1 Qtr.	1,779.9	542.2	276.3	38.8	227.0	167.2
4/ 2 Qtr.	1,726.6	470.7	160.5	97.3	212.8	197.3
4/ 3 Qtr.	1,580.1	558.8	193.4	56.5	308.9	233.8
4/ 4 Qtr.	1,555.1	427.3	169.0	92.1	166.1	180.4
2010 4/ 1 Qtr.	1,427.0	455.3	235.4	53.1	166.9	83.1
4/ 2 Qtr.	1,301.9	537.3	184.9	123.5	228.9	353.7
4/ 3 Qtr.	1,487.7	552.4	196.3	84.3	271.8	352.6
4/ 4 Qtr.	1,373.2	435.3	162.5	116.6	156.2	268.2
2011 4/ 1 Qtr.	1,382.9	380.9	146.8	48.1	186.1	75.4
4/ 2 Qtr.	1,443.6	438.4	178.4	47.2	212.7	63.0
4/ 3 Qtr.	1,468.2	537.7	206.7	80.2	250.8	124.5
4/ 4 Qtr.	1,542.7	501.8	156.1	110.4	235.3	167.7
2012 4/ 1 Qtr.	1,561.4	556.7	145.3	61.5	349.9	71.4
4/ 2 Qtr.	1,680.8	647.3	246.6	50.6	350.1	280.6
4/ 3 Qtr.	1,858.5	686.6	200.2	75.7	410.7	323.3
4/ 4 Qtr.	1,905.5	753.2	245.1	83.3	424.8	97.5
2013 4/ 1 Qtr.	1,847.6	629.1	289.1	46.9	293.0	228.8
4/ 2 Qtr.	1,935.3	714.0	193.3	145.7	375.1	371.0
4/ 3 Qtr.	1,844.9	688.4	317.4	27.5	343.6	481.4
4/ 4 Qtr.	1,702.1	689.0	225.2	76.5	387.3	113.1
2014 4/ 1 Qtr.	1,732.3	758.4	150.6	94.9	512.9	155.7
4/ 2 Qtr.	1,766.6	806.5	305.6	80.7	420.2	291.3
4/ 3 Qtr.	1,666.4	789.6	230.4	73.8	485.4	394.9
4/ 4 Qtr.	1,858.7	960.6	299.3	249.2	412.1	254.7
2015 4/ 1 Qtr.	1,801.4	1,297.6	482.5	383.6	431.5	225.0
4/ 2 Qtr.	1,995.3	840.4	412.7	113.9	313.7	680.8
4/ 3 Qtr.	2,212.3	892.2	338.3	111.0	442.9	487.1
4/ 4 Qtr.	2,103.3	933.4	417.8	94.4	421.2	161.7
2016 4/ 1 Qtr.	1,745.4	545.6	223.1	30.2	292.3	175.0
4/ 2 Qtr.	2,123.9	960.2	429.6	75.6	455.0	328.9
4/ 3 Qtr.	2,196.4	889.4	429.2	39.3	420.9	913.1
4/ 4 Qtr.	2,222.5	845.6	366.1	65.9	413.5	256.3
2017 4/ 1 Qtr.	2,170.7	919.5	507.4	101.4	310.7	213.8
4/ 2 Qtr.	1,828.3	821.0	359.4	131.4	330.3	236.2
4/ 3 Qtr.	2,206.1	722.4	374.1	85.4	262.9	644.3
4/ 4 Qtr.	2,179.3	664.9	263.8	77.7	323.4	97.3
2018 4/ 1 Qtr.	2,202.6	699.8	382.4	76.1	241.4	532.4
4/ 2 Qtr.	2,326.5	1,108.6	392.0	185.1	531.5	598.4
4/ 3 Qtr.	2,521.5	743.2	365.6	70.3	307.3	394.1
4/ 5/ 4 Qtr.	2,405.1	716.6	255.9	70.7	390.1	423.6
2019 4/ 1 Qtr.	2,349.4	761.0	309.9	46.2	404.9	155.9
4/ 2 Qtr.	2,430.3	809.0	323.2	66.5	419.3	129.1
4/ 3 Qtr.	2,445.2	798.8	267.0	89.9	441.8	165.6
4/ 4 Qtr.	2,384.4	852.7	311.5	150.1	391.1	143.2
2020 4/ 5/ 1 Qtr.	2,467.7	784.8	228.7	120.5	435.7	1,342.3
4/ 2 Qtr.	2,243.7	693.1	310.6	133.8	248.8	582.4
4/ 3 Qtr.	2,647.9	843.2	297.1	129.9	416.3	266.5
4/ 4 Qtr.	(NA)	787.3	308.6	94.5	384.2	889.5

NA Not available.

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

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

2/ Includes hotels.

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

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

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

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

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

Year	Contracting tax base 1/	Private Building Authorization 4/				Government Contracts Awarded
		Total Private Authorizations	Residential 4/	Commercial & Industrial 2/	Additions & Alterations	
Percentage Change from the Same Period in Previous Year						
1983	4.5	0.3	-1.0	-16.3	31.8	-29.8
1984	-8.2	-15.1	10.6	-48.8	-19.4	41.3
1985	10.0	52.9	52.6	100.8	20.1	-36.0
1986	32.2	15.3	-8.9	28.1	67.9	69.8
1987	10.8	13.3	11.3	28.8	2.7	-12.3
1988	24.2	33.1	35.9	57.1	1.8	79.3
1989	25.1	21.7	32.1	3.8	29.7	9.1
1990	28.6	11.7	4.6	24.2	10.1	13.8
1991	8.3	2.4	25.2	-20.3	-10.6	-11.6
1992	-7.4	-18.6	-32.0	-4.3	1.2	58.9
1993	-5.2	-14.1	-8.5	-42.1	11.5	-43.8
1994	-12.7	7.1	14.4	20.2	-13.6	6.3
1995	-5.7	-5.1	-12.2	-0.5	6.1	-29.3
1996	4.8	-27.0	-34.7	-31.4	-9.5	80.6
1997	-10.4	5.5	11.4	4.6	-1.5	-30.5
1998	2.4	-10.6	-10.5	-22.3	-2.4	11.3
1999	-0.8	25.2	29.5	48.9	6.1	-14.6
2000 3/	20.8	14.6	27.3	-19.6	21.0	38.7
2001	4.2	4.8	10.3	33.7	-19.7	-11.7
2002 4/	13.5	11.7	26.1	-22.8	8.2	7.3
2003 4/	6.1	33.3	20.9	99.7	25.6	-17.6
2004 4/	8.5	15.5	31.4	-40.2	28.9	118.6
2005 4/	22.4	28.1	27.8	43.0	21.9	-47.6
2006 4/	19.9	8.0	-19.8	68.8	53.4	17.8
2007 4/	11.8	-4.9	2.4	-3.8	-16.3	1.8
2008 4/	-1.1	-18.9	-25.5	-39.3	7.0	9.6
2009 4/	-16.8	-31.2	-42.2	-33.3	-16.7	-18.3
2010 4/	-15.8	-0.9	-2.5	32.5	-10.0	35.8
2011 4/	4.4	-6.1	-11.7	-24.3	7.4	-59.3
2012 4/	20.0	42.2	21.7	-5.2	73.5	79.4
2013 4/	4.6	2.9	22.4	9.4	-8.9	54.5
2014 4/	-4.2	21.9	-3.8	68.1	30.8	-8.2
2015 4/	15.5	19.6	67.5	41.0	-12.1	41.8
2016 4/	2.2	-18.2	-12.3	-70.0	-1.7	7.6
2017 4/	1.2	-3.5	3.9	87.6	-22.4	-28.8
2018 4/	12.8	4.5	-7.2	1.6	19.8	63.5
2019 4/	1.6	-1.4	-13.2	-12.3	12.7	-69.5
2020 4/	(NA)	-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.	(NA)	-7.7	-0.9	-37.1	-1.8	521.3

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/ Total Private Authorizations, Residential and Commercial & Industrial revised from previous QSER.  
 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 10.1 percent or by 43 cases for the fourth quarter of 2020, from the same quarter of 2019. In 2020, total filings declined 8.1 percent or 138 cases from the previous year.

The number of Chapter 7 filings, the largest category, increased 5.5 percent or 16 cases in the fourth quarter of 2020. 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 declined from 6 to 1 case in the fourth quarter of 2020 compared with the fourth quarter of 2019. 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 41.4 percent or 53 cases in the fourth quarter of 2020, from the same quarter of 2019. 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/bkrpctstats/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)**

