

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



QUARTERLY STATISTICAL & ECONOMIC REPORT,

Executive Summary

3rd Quarter 2023

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

Technical notes and source descriptions have been kept to a minimum. However, the staff of the Research and Economic Analysis Division would be happy to respond to any inquiries of a technical nature that readers may have (586-2466). The quarterly information contained in this report reflects data received by the Research Division on or before September 1, 2023.

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

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

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

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

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STATE OF THE ECONOMY

Hawaii's major economic indicators were mixed in the second quarter of 2023. Visitor arrivals, wage and salary jobs, and private building authorizations increased in the quarter compared to the second quarter of 2022. However, government contracts awarded and State general fund tax revenues decreased.

In the second quarter of 2023, the total number of visitors arriving by air to Hawaii increased 58,449 or 2.4 percent and daily visitor census increased 722 or 0.3 percent.

In the second quarter of 2023, the construction sector added 100 jobs or 0.3 percent compared with the same quarter of 2022 and government contracts awarded decreased \$2,336.6 million or 74.5 percent, compared with the same quarter of 2022. In the second quarter of 2023, the permit value for private construction increased \$311.8 million or 49.1 percent. According to the most recent excise tax base data available, construction put-in-place increased \$116.1 million or 4.5 percent in the first quarter of 2023, compared with the same quarter of the previous year. For 2022 construction put-in-place increased \$678.6 million or 6.7 percent compared with the previous year.

In the second quarter of 2023, State general fund tax revenues decreased \$231.6 million or 7.7 percent over the same period of 2022. The state general excise tax revenue increased \$56.2 million or 5.2 percent, the transient accommodations tax (TAT) increased \$2.6 million or 1.2 percent, the net corporate income tax revenues increased \$19.7 million or 17.2 percent, and the net individual income tax revenues decreased \$261.7 million or 18.2 percent. In 2022, State general fund tax revenues increased \$1,303.4 million or 16.0 percent compared to the previous year.

Labor market conditions were largely positive. In the second quarter of 2023, Hawaii's non-agricultural wage and salary jobs averaged 631,600 jobs, an increase of 17,200 jobs or 2.8 percent from the same quarter of 2022.

The job increase in the second quarter of 2023 was due to job increases in both the private sector and the government sector. In this quarter, the private sector added about 14,200 non-agricultural jobs compared to the second quarter of 2022. Most of the private sector industries added jobs in the quarter. The number of jobs increased the most in Food Services and Drinking Places, which added 4,300 jobs or 6.9 percent; followed by Accommodation, which added

2,500 jobs or 6.9 percent, Professional and Business services, which added 1,600 jobs or 2.2 percent, Private Educational Services, which added 1,500 jobs or 10.9 percent, and Transportation, Warehousing and Utilities, which added 1,300 jobs or 4.0 percent, in the quarter. The Government sector added 3,000 jobs or 2.5 percent in the second quarter of 2023 compared to the same quarter of 2022. The Federal Government added 600 jobs or 1.7 percent, the State Government added 2,300 jobs or 3.4 percent, and the Local Government added 300 jobs or 1.6 percent, compared to the second quarter of 2022.

In the first quarter of 2023, total annualized nominal GDP increased \$7,984 million or 8.4 percent, from the same quarter of 2022. In 2022, total annualized nominal GDP increased \$7,123 million or 7.8 percent from the previous year. In the first quarter of 2023, total annualized real GDP (in chained 2012 dollars) increased \$1,552 million or 2.1 percent from the same quarter of 2022. In 2022, total annualized real GDP increased \$871 million or 1.2 percent from the previous year.

In the first quarter of 2023, total non-farm private sector annualized earnings increased \$3,978.7 million or 9.3 percent from the same quarter of 2022. In dollar terms, the largest increase occurred in accommodation and food services, followed by health care and social assistance, and construction. During the first quarter of 2023, total government earnings increased \$790.3 million or 4.6 percent from the same quarter of 2022. Earnings from the federal government increased \$366.7 million. Earnings from the state and local governments increased \$423.6 million in the quarter.

In the first half of 2023, Honolulu's Consumer Price Index for Urban Consumers (CPI-U) increased 3.4 percent from the same period in 2022. This is 1.5 percentage point below the 4.9 percent increase for the U.S. average CPI-U and is lower than the first half of 2022 Honolulu CPI-U increase of 6.7 percent from the same period of the previous year. In the first half of 2023, the Honolulu CPI-U increased the most in Apparel (15.6 percent), followed by Other Goods and Services (10.3 percent), Food and Beverages (4.5 percent), Recreation (4.4 percent), Education and Communication (2.7 percent), Housing (2.2 percent), and Transportation (1.7 percent) compared to the first half of 2022.

**Table 1. 2023 QUARTERLY ECONOMIC INDICATORS:
STATE OF HAWAII**

SERIES	2nd QUARTER			YEAR-TO-DATE		
	2022	2023	% CHANGE YEAR AGO	2022	2023	% CHANGE YEAR AGO
Civilian labor force, NSA (persons) 1/	674,500	676,000	0.2	672,600	677,450	0.7
Civilian employed, NSA	651,100	656,500	0.8	650,350	657,150	1.0
Civilian unemployed, NSA	23,400	19,450	-16.9	22,250	20,300	-8.8
Unemployment rate, NSA (%) 1/ 2/	3.4	2.9	-0.5	3.3	3.0	-0.3
Total wage and salary jobs, NSA	619,400	636,600	2.8	615,800	636,000	3.3
Total non-agric. wage & salary jobs	614,400	631,600	2.8	610,800	631,000	3.3
Nat. Resources, Mining, Constr.	36,900	37,000	0.3	36,600	37,900	3.6
Manufacturing	12,400	12,800	3.2	12,400	12,800	3.2
Wholesale Trade	17,300	17,400	0.6	17,200	17,500	1.7
Retail Trade	63,900	64,300	0.6	64,100	64,600	0.8
Transp., Warehousing, Util.	32,500	33,800	4.0	32,200	33,800	5.0
Information	7,900	9,000	13.9	8,300	8,900	7.2
Financial Activities	27,700	27,100	-2.2	27,600	27,300	-1.1
Professional & Business Services	71,200	72,800	2.2	70,900	72,200	1.8
Private Educational Services	13,800	15,300	10.9	13,800	15,000	8.7
Health Care & Social Assistance	72,100	72,100	0.0	72,200	72,300	0.1
Arts, Entertainment & Recreation	11,900	12,500	5.0	11,400	12,500	9.6
Accommodation	36,400	38,900	6.9	35,700	38,900	9.0
Food Services & Drinking Places	62,600	66,900	6.9	61,600	67,100	8.9
Other Services	26,100	27,000	3.4	25,800	27,000	4.7
Government	121,700	124,700	2.5	121,100	123,400	1.9
Federal	34,500	35,100	1.7	34,500	34,900	1.2
State	68,600	70,900	3.4	68,200	69,800	2.3
Local	18,500	18,800	1.6	18,400	18,700	1.6
Agriculture wage and salary jobs	5,000	5,000	0.0	5,000	5,000	0.0
State general fund revenues (\$1,000)	3,005,887	2,774,274	-7.7	5,223,358	4,982,680	-4.6
General excise & use tax rev. (\$1,000)	1,079,317	1,135,498	5.2	2,095,639	2,274,937	8.6
Income-individual (\$1,000)	1,437,463	1,175,738	-18.2	2,251,689	1,854,947	-17.6
Declaration estimated taxes (\$1,000)	778,203	575,617	-26.0	1,079,120	802,710	-25.6
Payment with returns (\$1,000)	305,249	219,850	-28.0	395,602	294,386	-25.6
Withholding tax on wages (\$1,000)	593,709	636,337	7.2	1,226,390	1,307,347	6.6
Refunds ('-' relative to State) (\$1,000)	-239,698	-256,066	6.8	-449,422	-549,496	22.3
Transient accommodations tax (\$1,000)	211,808	214,423	1.2	408,227	443,404	8.6
Honolulu County Surcharge (\$1,000) 3/	102,123	108,755	6.5	200,057	216,627	8.3
Private Building Permits (\$1,000)	634,830	946,646	49.1	1,502,957	1,736,582	15.5
Residential (\$1,000)	281,186	398,152	41.6	761,457	741,527	-2.6
Commercial & industrial (\$1,000)	84,112	85,307	1.4	183,080	188,168	2.8
Additions & alterations (\$1,000)	269,532	463,187	71.8	558,421	806,887	44.5
Visitor Days - by air	21,895,694	21,961,379	0.3	40,937,462	44,462,802	8.6
Domestic visitor days - by air	20,097,502	19,000,865	-5.5	37,284,865	37,588,687	0.8
International visitor days - by air	1,798,192	2,960,515	64.6	3,652,597	6,874,115	88.2
Visitor arrivals by air - by air	2,424,292	2,482,741	2.4	4,393,389	4,883,753	11.2
Domestic flight visitors - by air	2,243,217	2,159,465	-3.7	4,076,177	4,162,568	2.1
International flight visitors - by air	181,075	323,276	78.5	317,212	721,185	127.4
Visitor expend. - arrivals by air (\$1,000)	5,066,965	5,396,029	6.5	9,345,918	10,746,058	15.0
Hotel occupancy rates (%) 2/	75.1	74.5	-0.6	72.7	74.9	2.2

1/ Labor force and jobs are Hawaii DBEDT 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 <<https://dbedt.hawaii.gov/economic/>>,

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

9/5/2023

OUTLOOK FOR THE ECONOMY

On August 8, 2023, the wildfire tragedy in Lahaina took the lives of at least 115 people and destroyed over 2,000 residential homes. The disaster area had more than 800 business establishments with about 7,000 employees. A total of 88 transpacific flights were cancelled in August, representing 23,083 air seats. The passenger count to Kahului Airport decreased by over 70 percent after the tragedy from 7,000 a day to 2,000 a day. Initial unemployment claims jumped from an average of 130 cases per week before the wildfire to 865 cases in the first week after the fire, to 4,449 in the second week, and to 2,705 cases in the third week.

Prior to the Maui wildfire, Hawaii's economy continued its recovery from the COVID-19 pandemic. Year-to-date through July 2023, visitor arrivals recovered to 95.6 percent of the 2019 level while total visitor expenditures were 21.6 percent higher than the same seven months in 2019.

The total value of building permits issued during the first seven months of 2023 increased by 17.1 percent from the same period a year ago. The permit value for additions and alterations increased by 55.1 percent, the value of residential permits increased by 0.6 percent during the same period, while the value for commercial and industrial permits decreased by 21.2 percent during the same period.

State general excise tax collections increased by 8.0 percent during the first seven months of calendar year 2023 compared to the same period a year ago.

Hawaii's real gross domestic product (GDP) recovered to 97.0 percent in the first quarter of 2023 compared to the same period in 2019. Hawaii's labor force (not seasonally adjusted data) for the first seven months of 2023 recovered to 98.8 percent of the comparable 2019 level. The unemployment rate (not seasonally adjusted) averaged 2.9 percent during the first seven months of 2023, just 0.2 percentage points higher than the same period in 2019.

Hawaii's consumer inflation, measured by the Honolulu Consumer Price Index for All Urban Consumers, averaged 3.1 percent during the first seven months of 2023, higher than the 1.8 percent experienced during the same period in 2019, but much lower than the nation at 4.6 percent.

At the national level, the most recent (August 2023) Blue Chip Economic Indicators report, which is the consensus of 50 economic forecasting organizations, projected the U.S. economy to grow at 2.0 percent in 2023 and 0.8 percent in 2024. For Hawaii, DBEDT estimates that the state's real GDP will increase by 1.1 percent in 2023 and 1.5 percent in 2024, revised downward from its second quarter forecast due to the impact of the wildfire tragedy. In 2025 and 2026, economic growth for Hawaii is expected to be over 2.0 percent due to the expectation that reconstruction activities on Maui will begin.

Visitor arrivals are projected to be 9.8 million in 2023, lower than previously projected. Visitor growth from both the domestic market and international markets will be seen on Oahu. Neighbor islands, especially Maui, will see fewer visitors. Visitor arrivals are expected to increase to over 10 million from 2024. By 2026, visitor arrivals will be fully recovered to the pre-pandemic level. Visitor spending is projected to be \$21.2 billion in 2023 and is expected to increase to \$23.6 billion by 2026.

Non-agriculture payroll jobs are forecast to increase by 1.8 percent in 2023, lower than the 3.4 percent projected in the previous quarter. The payroll job counts will increase by 1.9 percent in 2024, 1.7 percent in 2025, and 1.5 percent in 2026.

The state unemployment rate is expected to be at 3.0 percent in 2023, and will improve to 2.7 percent in 2024, 2.5 percent in 2025, and 2.3 percent in 2026.

Personal income is expected to grow by 2.7 percent in 2023, lower than the projection made in the previous quarter. Personal income will grow by 2.8 percent in 2024, 3.5 percent in 2025, and 3.8 percent in 2026.

As measured by the Honolulu Consumer Price Index for Urban Consumers, inflation is expected to be 2.8 percent in 2023, still lower than the projected U.S. consumer inflation rate of 4.0 percent for the same year. Hawaii consumer inflation is expected to decrease to 2.3 percent by 2026.

Hawaii's population is expected to decrease by 0.1 percent in 2023 and 2024, remain stable in 2025, and increase by 0.1 percent in 2026.

ACTUAL AND FORECAST OF KEY ECONOMIC INDICATORS FOR HAWAII: 2020 TO 2026

Economic Indicators	2021	2022	2023	2024	2025	2026
	Actual		Forecast			
Total population (thousands) 1/	1,447	1,440	1,439	1,438	1,438	1,439
Visitor arrivals (thousands) 2/	6,778	9,234	9,757	10,098	10,280	10,434
Visitor days (thousands) 2/	65,312	85,240	88,203	89,465	89,709	89,689
Visitor expenditures (million dollars) 2/	13,154	19,800	21,222	22,171	22,898	23,580
Honolulu CPI-U (1982-84=100)	296.8	316.1	324.9	333.8	341.7	349.5
Personal income (million dollars)	87,858	88,104	90,482	93,016	96,271	99,930
Real personal income (millions of 2012\$)	67,312	64,408	64,590	65,306	66,451	67,789
Personal income deflator (2012=100)	130.5	136.8	140.1	142.4	144.9	147.4
Non-agricultural wage & salary jobs (thousands)	586.9	618.1	629.2	641.2	652.1	661.9
Civilian unemployment rate	6.0	3.5	3.0	2.7	2.5	2.3
Gross domestic product (million dollars)	91,096	98,219	102,085	105,871	110,434	114,683
Real gross domestic product (millions of 2012\$)	74,547	75,418	76,248	77,392	79,017	80,755
Gross domestic product deflator (2012=100)	122.2	130.2	133.9	136.8	139.8	142.0
Annual Percentage Change						
Total population	-0.3	-0.5	-0.1	-0.1	0.0	0.1
Visitor arrivals	150.3	36.2	5.7	3.5	1.8	1.5
Visitor days	127.9	30.5	3.5	1.4	0.3	0.0
Visitor expenditures	154.8	50.5	7.2	4.5	3.3	3.0
Honolulu CPI-U	3.8	6.5	2.8	2.7	2.4	2.3
Personal income	5.7	0.3	2.7	2.8	3.5	3.8
Real personal income	1.1	-4.3	0.3	1.1	1.8	2.0
Personal income deflator (2012=100)	4.5	4.8	2.4	1.7	1.7	1.8
Non-agricultural wage & salary jobs	4.8	5.3	1.8	1.9	1.7	1.5
Civilian unemployment rate 3/	-5.7	-2.5	-0.5	-0.3	-0.2	-0.2
Gross domestic product	10.4	7.8	3.9	3.7	4.3	3.8
Real gross domestic product	6.3	1.2	1.1	1.5	2.1	2.2
Gross domestic product deflator (2012=100)	3.8	6.6	2.8	2.2	2.2	1.6

1/ July 1 count.

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

3/ Absolute change from previous year.

Source: Hawaii State Department of Business, Economic Development & Tourism, September 6, 2023.

COUNTY ECONOMIC CONDITIONS

Overall economic conditions were mixed across the counties in the second quarter of 2023. The unemployment rate decreased in all counties and all counties saw an increase in total non-agricultural wage and salary jobs and the value of private building permits. Visitor arrivals by air increased in Honolulu; however, visitor arrivals decreased in Hawaii County, Maui, and Kauai.

In the second quarter of 2023, the unemployment rate in Honolulu decreased 0.6 of a percentage point from 3.4 percent to 2.8 percent; the unemployment rate in Maui County decreased 0.6 of a percentage point from 3.4 percent to 2.8 percent; the unemployment rate in Kauai County decreased 0.8 of a percentage point from 3.6 percent to 2.8 percent; and the unemployment rate in Hawaii County decreased 0.3 of a percentage point from 3.6 percent to 3.3 percent.

In the second quarter of 2023, Honolulu added 12,900 or 2.9 percent non-agricultural wage and salary jobs compared to the same quarter of 2022. The number of jobs increased the most in Food Services and Drinking Places, which added 3,500 jobs or 8.2 percent. This was followed by Accommodation which added 1,900 jobs or 12.3 percent and Private Educational Services added 1,000 jobs or 9.1 percent. Information, Professional & Business Services, and Other Services added 900 jobs; Transportation, Warehousing and Utilities, and Arts, Entertainment & Recreation, added 800 jobs in the quarter. The Government sector added 2,200 jobs or 2.3 percent in the quarter.

In the second quarter of 2023, Hawaii County added 1,900 or 2.8 percent of non-agricultural wage and salary jobs over the same quarter of 2022. The number of jobs increased the most in Retail Trade which added 600 jobs or 6.4 percent, followed by Professional & Business Services which added 400 jobs or 6.3 percent. Wholesale

Trade; Transportation, Warehousing and Utilities; and Private Educational Services each added 200 jobs in the quarter. The Government sector added 600 jobs or 4.2 percent in the quarter.

Maui County added 1,900 jobs or a 2.6 percent increase in the second quarter of 2023 over the same quarter of 2022. The number of jobs increased the most in Food Services and Drinking Places which added 900 jobs or 10.0 percent, and by Accommodation which added 300 jobs or 2.7 percent, and Natural Resources, Mining and Construction which added 200 jobs or 4.4 percent in the quarter. The Government sector added 200 jobs or 2.3 percent in the quarter.

Kauai County added 1,100 jobs or a 3.6 percent increase in the second quarter of 2023 over the same quarter of 2022. The number of jobs increased the most in Accommodation which added 500 jobs or 13.2 percent. Retail Trade and Professional & Business Services each added 200 jobs in the quarter. The Government sector job was unchanged in the quarter.

In the second quarter of 2023, visitor arrivals by air increased in Honolulu but decreased in Maui, Hawaii County and Kauai. Visitor arrivals by air increased 11.0 percent in Honolulu and decreased 3.9 percent in Maui, 1.0 percent in Hawaii County, and 0.4 percent in Kauai compared to the same quarter of 2022.

In the second quarter of 2023, the value of private building permits increased in all counties. In the second quarter of 2023, private building permits increased \$152.9 million or 53.7 percent in Honolulu, increased \$131.0 million or 155.3 percent in Maui, increased \$17.9 million or 7.6 percent in Hawaii County, and increased \$10.0 million or 34.2 percent in Kauai (only residential available) from the same quarter of the previous year.

**Table 2. 2023 QUARTERLY ECONOMIC INDICATORS:
CITY AND COUNTY OF HONOLULU**

SERIES	2nd QUARTER			YEAR-TO-DATE		
	2022	2023	% CHANGE YEAR AGO	2022	2023	% CHANGE YEAR AGO
Civilian labor force, NSA (persons) 1/	457,500	458,400	0.2	455,650	458,750	0.7
Civilian employed, NSA	441,800	445,450	0.8	440,850	445,350	1.0
Civilian unemployed, NSA	15,700	12,950	-17.5	14,800	13,450	-9.1
Unemployment rate, NSA (%) 1/ 2/	3.4	2.8	-0.6	3.3	2.9	-0.4
Total wage and salary jobs, NSA	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Total non-agric. wage & salary jobs	441,800	454,700	2.9	439,400	454,100	3.3
Nat. Resources, Mining, Constr.	26,600	26,600	0.0	26,500	27,300	3.0
Manufacturing	9,100	9,400	3.3	9,100	9,400	3.3
Wholesale Trade	13,700	13,600	-0.7	13,600	13,700	0.7
Retail Trade	41,600	41,300	-0.7	41,800	41,700	-0.2
Transp., Warehousing, Util.	23,600	24,400	3.4	23,300	24,400	4.7
Information	6,500	7,400	13.8	6,900	7,400	7.2
Financial Activities	21,300	21,000	-1.4	21,300	21,100	-0.9
Professional & Business Services	55,200	56,000	1.4	54,900	55,600	1.3
Private Educational Services	11,000	12,000	9.1	10,900	11,900	9.2
Health Care & Social Assistance	54,100	54,400	0.6	54,200	54,500	0.6
Arts, Entertainment & Recreation	7,200	8,000	11.1	6,800	7,800	14.7
Accommodation	15,500	17,400	12.3	15,100	17,300	14.6
Food Services & Drinking Places	42,900	46,400	8.2	42,200	46,500	10.2
Other Services	19,600	20,500	4.6	19,400	20,400	5.2
Government	94,000	96,200	2.3	93,500	95,200	1.8
Federal	31,900	32,400	1.6	31,900	32,300	1.3
State	50,200	51,900	3.4	49,900	51,000	2.2
Local	11,800	11,900	0.8	11,800	11,900	0.8
Agriculture wage and salary jobs	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
State general fund revenues (\$1,000)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
General excise & use tax rev. (\$1,000)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Income-individual (\$1,000)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Declaration estimated taxes (\$1,000)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Payment with returns (\$1,000)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Withholding tax on wages (\$1,000)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Refunds ('- relative to State) (\$1,000)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Transient accommodations tax (\$1,000)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Honolulu County Surcharge (\$1,000) 3/	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Private Building Permits (\$1,000)	284,613	437,505	53.7	779,091	810,118	4.0
Residential (\$1,000)	69,298	52,504	-24.2	295,809	170,494	-42.4
Commercial & industrial (\$1,000)	15,950	12,173	-23.7	54,455	22,044	-59.5
Additions & alterations (\$1,000)	199,364	372,828	87.0	428,828	617,580	44.0
Visitor Days - by air	9,299,569	10,159,243	9.2	16,983,687	20,032,714	18.0
Domestic visitor days - by air	8,118,969	7,864,321	-3.1	14,935,447	15,292,733	2.4
International visitor days - by air	1,180,601	2,294,922	94.4	2,048,241	4,739,981	131.4
Visitor arrivals by air - by air	1,268,560	1,407,840	11.0	2,256,776	2,742,970	21.5
Domestic flight visitors - by air	1,123,096	1,120,659	-0.2	2,033,494	2,148,847	5.7
International flight visitors - by air	145,464	287,181	97.4	223,282	594,122	166.1
Visitor expend. - arrivals by air (\$1,000)	2,256,922	2,296,750	1.8	4,058,849	4,405,888	8.6
Hotel occupancy rates (%) 2/	70.4	77.5	7.1	73.6	78.8	5.2

NA Not available.

1/ Labor force and jobs are Hawaii DBEDT 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 <<https://dbedt.hawaii.gov/economic/>>,
Hawaii State Department of Taxation <http://www.hawaii.gov/tax/a5_3txcolrpt.htm> and Hospitality Advisors, LLC.

9/5/2023

Table 3. 2023 QUARTERLY ECONOMIC INDICATORS: HAWAII COUNTY

SERIES	2nd QUARTER			YEAR-TO-DATE		
	2022	2023	% CHANGE YEAR AGO	2022	2023	% CHANGE YEAR AGO
Civilian labor force, NSA (persons) 1/	93,600	93,900	0.3	93,750	94,500	0.8
Civilian employed, NSA	90,250	90,850	0.7	90,600	91,350	0.8
Civilian unemployed, NSA	3,400	3,050	-10.3	3,150	3,150	0.0
Unemployment rate, NSA (%) 1/ 2/	3.6	3.3	-0.3	3.4	3.3	-0.1
Total wage and salary jobs, NSA	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Total non-agric. wage & salary jobs	67,600	69,500	2.8	67,400	69,800	3.6
Nat. Resources, Mining, Constr.	3,600	3,700	2.8	3,600	3,800	5.6
Manufacturing	1,600	1,600	0.0	1,500	1,600	6.7
Wholesale Trade	1,700	1,900	11.8	1,700	1,900	11.8
Retail Trade	9,400	10,000	6.4	9,400	10,000	6.4
Transp., Warehousing, Util.	3,100	3,300	6.5	3,100	3,300	6.5
Information	600	600	0.0	600	600	0.0
Financial Activities	2,500	2,400	-4.0	2,500	2,400	-4.0
Professional & Business Services	6,300	6,700	6.3	6,300	6,600	4.8
Private Educational Services	1,300	1,500	15.4	1,300	1,400	7.7
Health Care & Social Assistance	7,300	7,300	0.0	7,400	7,500	1.4
Arts, Entertainment & Recreation	1,500	1,200	-20.0	1,500	1,400	-6.7
Accommodation	5,800	5,900	1.7	5,800	5,900	1.7
Food Services & Drinking Places	6,500	6,500	0.0	6,400	6,600	3.1
Other Services	2,200	2,200	0.0	2,100	2,300	9.5
Government	14,300	14,900	4.2	14,200	14,700	3.5
Federal	1,300	1,300	0.0	1,300	1,200	-7.7
State	10,200	10,800	5.9	10,200	10,700	4.9
Local	2,700	2,800	3.7	2,700	2,800	3.7
Agriculture wage and salary jobs	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
State general fund revenues (\$1,000)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
General excise & use tax rev. (\$1,000)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Income-individual (\$1,000)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Declaration estimated taxes (\$1,000)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Payment with returns (\$1,000)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Withholding tax on wages (\$1,000)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Refunds ('-' relative to State) (\$1,000)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Transient accommodations tax (\$1,000)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Honolulu County Surcharge (\$1,000) 3/	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Private Building Permits (\$1,000)	236,497	254,373	7.6	422,736	474,135	12.2
Residential (\$1,000)	134,347	188,523	40.3	246,349	330,630	34.2
Commercial & industrial (\$1,000)	57,459	18,303	-68.1	93,880	26,617	-71.6
Additions & alterations (\$1,000)	44,691	47,547	6.4	82,507	116,889	41.7
Visitor Days - by air	3,430,591	3,229,954	-5.8	6,765,229	6,988,859	3.3
Domestic visitor days - by air	3,301,129	3,084,074	-6.6	6,428,178	6,445,959	0.3
International visitor days - by air	129,462	145,880	12.7	337,051	542,901	61.1
Visitor arrivals by air - by air	438,002	433,493	-1.0	803,003	880,486	9.6
Domestic flight visitors - by air	416,155	404,289	-2.9	762,046	798,334	4.8
International flight visitors - by air	21,847	29,204	33.7	40,957	82,151	100.6
Visitor expend. - arrivals by air (\$1,000)	641,862	693,599	8.1	1,292,827	1,434,718	11.0
Hotel occupancy rates (%) 2/	74.6	68.7	-5.9	74.8	72.6	-2.3

NA Not available.

1/ Labor force and jobs are Hawaii DBEDT 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 <<https://dbedt.hawaii.gov/economic/>>,
Hawaii State Department of Taxation <http://www.hawaii.gov/tax/a5_3txcolrpt.htm> and Hospitality Advisors, LLC. 9/5/2023

Table 4. 2023 QUARTERLY ECONOMIC INDICATORS: MAUI COUNTY

SERIES	2nd QUARTER			YEAR-TO-DATE		
	2022	2023	% CHANGE YEAR AGO	2022	2023	% CHANGE YEAR AGO
Civilian labor force, NSA (persons) 1/	86,900	87,050	0.2	86,750	87,400	0.7
Civilian employed, NSA	83,900	84,600	0.8	83,800	84,750	1.1
Civilian unemployed, NSA	3,000	2,450	-18.3	3,000	2,650	-11.7
Unemployment rate, NSA (%) 1/ 2/	3.4	2.8	-0.6	3.4	3.0	-0.4
Total wage and salary jobs, NSA	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Total non-agric. wage & salary jobs	73,900	75,800	2.6	73,400	75,600	3.0
Nat. Resources, Mining, Constr.	4,500	4,700	4.4	4,400	4,700	6.8
Manufacturing	1,200	1,300	8.3	1,200	1,300	8.3
Wholesale Trade	1,400	1,400	0.0	1,400	1,400	0.0
Retail Trade	8,900	9,000	1.1	9,000	9,000	0.0
Transp., Warehousing, Util.	4,100	4,200	2.4	4,100	4,200	2.4
Information	600	700	16.7	700	700	0.0
Financial Activities	2,900	2,900	0.0	2,900	2,900	0.0
Professional & Business Services	7,000	7,100	1.4	6,900	7,000	1.4
Private Educational Services	1,300	1,400	7.7	1,300	1,400	7.7
Health Care & Social Assistance	7,900	7,700	-2.5	7,900	7,700	-2.5
Arts, Entertainment & Recreation	2,100	2,200	4.8	2,000	2,000	0.0
Accommodation	11,100	11,400	2.7	11,000	11,500	4.5
Food Services & Drinking Places	9,000	9,900	10.0	8,900	10,000	12.4
Other Services	3,200	3,300	3.1	3,100	3,200	3.2
Government	8,600	8,800	2.3	8,600	8,700	1.2
Federal	900	900	0.0	900	900	0.0
State	5,100	5,100	0.0	5,100	5,100	0.0
Local	2,600	2,700	3.8	2,600	2,700	3.8
Agriculture wage and salary jobs	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
State general fund revenues (\$1,000)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
General excise & use tax rev. (\$1,000)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Income-individual (\$1,000)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Declaration estimated taxes (\$1,000)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Payment with returns (\$1,000)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Withholding tax on wages (\$1,000)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Refunds ('-' relative to State) (\$1,000)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Transient accommodations tax (\$1,000)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Honolulu County Surcharge (\$1,000) 3/	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Private Building Permits (\$1,000)	84,392	215,422	155.3	239,065	379,055	58.6
Residential (\$1,000)	48,213	117,779	144.3	157,234	167,130	6.3
Commercial & industrial (\$1,000)	10,703	54,831	412.3	34,745	139,507	301.5
Additions & alterations (\$1,000)	25,476	42,812	68.0	47,087	72,419	53.8
Visitor Days - by air	6,373,207	5,932,834	-6.9	12,003,114	12,222,993	1.8
Domestic visitor days - by air	5,950,190	5,481,895	-7.9	10,932,621	10,875,375	-0.5
International visitor days - by air	423,016	450,939	6.6	1,070,493	1,347,617	25.9
Visitor arrivals by air - by air	803,408	772,312	-3.9	1,431,910	1,510,188	5.5
Domestic flight visitors - by air	753,056	712,554	-5.4	1,330,210	1,356,000	1.9
International flight visitors - by air	50,352	59,758	18.7	101,700	154,189	51.6
Visitor expend. - arrivals by air (\$1,000)	1,573,356	1,735,310	10.3	2,919,680	3,574,178	22.4
Hotel occupancy rates (%) 2/	70.1	65.3	-4.8	68.4	67.8	-0.6

NA Not available.

1/ Labor force and jobs are Hawaii DBEDT 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 <<https://dbedt.hawaii.gov/economic/>>, Hawaii State Department of Taxation <http://www.hawaii.gov/tax/a5_3txcolrpt.htm> and Hospitality Advisors, LLC. 9/5/2023

Table 5. 2023 QUARTERLY ECONOMIC INDICATORS: KAUAI COUNTY

SERIES	2nd QUARTER			YEAR-TO-DATE		
	2022	2023	% CHANGE YEAR AGO	2022	2023	% CHANGE YEAR AGO
Civilian labor force, NSA (persons) 1/	36,450	36,650	0.5	36,450	36,750	0.8
Civilian employed, NSA	35,150	35,650	1.4	35,150	35,700	1.6
Civilian unemployed, NSA	1,300	1,000	-23.1	1,300	1,050	-19.2
Unemployment rate, NSA (%) 1/ 2/	3.6	2.8	-0.8	3.6	2.9	-0.7
Total wage and salary jobs, NSA	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Total non-agric. wage & salary jobs	30,500	31,600	3.6	30,300	31,600	4.3
Nat. Resources, Mining, Constr.	2,100	2,100	0.0	2,100	2,200	4.8
Manufacturing	500	600	20.0	500	600	20.0
Wholesale Trade	500	500	0.0	500	500	0.0
Retail Trade	3,800	4,000	5.3	3,800	4,000	5.3
Transp., Warehousing, Util.	1,700	1,800	5.9	1,700	1,800	5.9
Information	200	200	0.0	200	200	0.0
Financial Activities	1,100	1,000	-9.1	1,100	1,000	-9.1
Professional & Business Services	2,800	3,000	7.1	2,800	3,000	7.1
Private Educational Services	300	300	0.0	300	300	0.0
Health Care & Social Assistance	2,600	2,600	0.0	2,600	2,700	3.8
Arts, Entertainment & Recreation	1,100	1,100	0.0	1,100	1,100	0.0
Accommodation	3,800	4,300	13.2	3,700	4,200	13.5
Food Services & Drinking Places	4,100	4,100	0.0	4,000	4,100	2.5
Other Services	1,000	1,100	10.0	1,000	1,100	10.0
Government	5,000	5,000	0.0	5,000	4,900	-2.0
Federal	600	500	-16.7	600	500	-16.7
State	3,100	3,100	0.0	3,000	3,000	0.0
Local	1,300	1,400	7.7	1,300	1,300	0.0
Agriculture wage and salary jobs	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
State general fund revenues (\$1,000)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
General excise & use tax rev. (\$1,000)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Income-individual (\$1,000)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Declaration estimated taxes (\$1,000)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Payment with returns (\$1,000)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Withholding tax on wages (\$1,000)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Refunds ('-' relative to State) (\$1,000)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Transient accommodations tax (\$1,000)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Honolulu County Surcharge (\$1,000) 3/	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Private Building Permits (\$1,000)	29,328	39,346	34.2	62,065	73,273	18.1
Residential (\$1,000)	29,328	39,346	34.2	62,065	73,273	18.1
Commercial & industrial (\$1,000)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Additions & alterations (\$1,000)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Visitor Days - by air	2,792,327	2,639,349	-5.5	5,185,432	5,218,237	0.6
Domestic visitor days - by air	2,727,214	2,570,575	-5.7	4,988,620	4,974,620	-0.3
International visitor days - by air	65,113	68,774	5.6	196,812	243,616	23.8
Visitor arrivals by air - by air	365,074	363,527	-0.4	648,091	693,618	7.0
Domestic flight visitors - by air	353,672	347,599	-1.7	623,974	654,353	4.9
International flight visitors - by air	11,402	15,928	39.7	24,116	39,264	62.8
Visitor expend. - arrivals by air (\$1,000)	594,825	670,370	12.7	1,074,561	1,331,274	23.9
Hotel occupancy rates (%) 2/	81.0	74.8	-6.2	77.3	74.8	-2.5

NA Not available.

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9/5/2023

A. LABOR FORCE AND JOBS

Hawaii's labor market conditions were largely positive in the second quarter of 2023. The civilian labor force and civilian employment slightly increased, while civilian unemployment and the unemployment rate decreased. Civilian non-agricultural wage and salary jobs increased.

In the second quarter of 2023, the civilian labor force averaged 676,000 people, an increase of 1,500 people or 0.2 percent from the same quarter of 2022 (Table A-1). In 2022, the civilian labor force increased 6,300 people or 0.9 percent from the previous year.

Civilian employment averaged 656,500 people in the second quarter of 2023, an increase of 5,400 people or 0.8 percent compared to the same quarter of 2022 (Table A-2). In 2022, average civilian employment increased 23,050 people or 3.7 percent from the previous year.

In the second quarter of 2023, the number of civilian unemployed averaged 19,450, a decrease of 3,950 people or 16.9 percent from the same quarter of 2022 (Table A-3). In 2022, the number of unemployed decreased 16,750 people or 41.5 percent from the previous year.

The unemployment rate (not seasonally adjusted) was 2.9 percent in the second quarter of 2023, a decrease of 0.5 percentage points from the second quarter of 2022 (Table A-4). In 2022, the unemployment rate decreased 2.5 percentage points from the previous year's 6.0 percent to 3.5 percent.

In the second quarter of 2023, Hawaii's non-agricultural wage and salary jobs averaged 631,600 jobs, an increase of 17,200 jobs or 2.8 percent from the same quarter of 2022 (Table A-6). In 2022, average non-agricultural wage and salary jobs increased 5.3 percent or 31,200 jobs from the previous year.

The job increase in the second quarter of 2023 was due to job increases in both the private sector and the government sector. In this quarter, the private sector added about 14,200 non-agricultural jobs compared to the second quarter of 2022. Most of the private sector industries added jobs in the quarter. The number of jobs increased the most in Food Services and Drinking Places, which added 4,300 jobs or 6.9 percent (Table A-19); followed by Accommodation, which added 2,500 jobs or 6.9 percent (Table A-18), Professional and Business Services, which added 1,600 jobs or 2.2 percent (Table A-14), Private Educational Services, which added 1,500 jobs or 10.9 percent (Table A-15), and Transportation, Warehousing and Utilities, which added 1,300 jobs or 4.0 percent (Table A-11), in the quarter.

The Government sector added 3,000 jobs or 2.5 percent (Table A-21) in the second quarter of 2023 compared to the same quarter of 2022. The Federal Government added 600 jobs or 1.7 percent (Table A-22), the State Government added 2,300 jobs or 3.4 percent (Table A-23), and the Local Government added 300 jobs or 1.6 percent (Table A-24), compared to the second quarter of 2022.

Table A-6. NON-AGRICULTURAL WAGE AND SALARY

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	Annual Average
Not Seasonally Adjusted Data. Number of Jobs 1/					
1990 2/	520,000	528,600	525,900	539,300	528,400
1991 2/	537,900	537,200	535,900	545,100	539,000
1992 2/	543,000	544,600	538,600	544,700	542,700
1993 2/	540,000	543,600	532,100	539,600	538,800
1994 2/	535,300	538,100	530,500	540,500	536,100
1995 2/	535,800	536,400	526,300	533,400	533,000
1996 2/	531,400	531,500	526,100	534,400	530,900
1997 2/	533,100	533,600	526,600	533,800	531,800
1998 2/	530,000	533,200	528,200	535,000	531,600
1999 2/	528,600	535,200	533,000	545,100	535,500
2000 2/	542,700	552,900	550,000	562,100	551,900
2001 2/	555,700	559,500	554,800	552,300	555,600
2002 2/	549,000	557,400	555,400	567,500	557,300
2003 2/	564,500	567,300	564,700	576,800	568,300
2004 2/	574,500	582,400	581,800	597,600	584,100
2005 2/	592,600	602,500	602,000	613,100	602,500
2006 2/	609,700	618,000	616,400	627,700	617,900
2007 2/	622,200	626,100	621,700	633,000	625,800
2008 2/	626,400	624,900	614,000	615,800	620,300
2009 2/	600,200	595,800	583,900	590,500	592,600
2010 2/	584,500	588,800	582,300	596,600	588,000
2011 2/	590,700	593,900	590,200	604,300	594,800
2012 2/	597,200	607,100	605,600	620,300	607,600
2013 2/	613,000	619,400	616,200	631,300	620,000
2014 2/	624,400	627,800	624,200	637,300	628,500
2015 2/	633,700	637,700	634,800	650,000	639,000
2016 2/	643,000	646,500	645,000	655,700	647,600
2017 2/	652,500	656,100	649,500	661,700	655,000
2018 2/	656,600	658,700	652,000	665,500	658,200
2019 2/	657,400	658,000	653,100	665,800	658,600
2020 2/	660,300	515,300	517,800	546,800	560,000
2021 2/	558,600	585,500	595,200	608,400	586,900
2022 2/	607,100	614,400	618,300	632,700	618,100
2023 3/	630,300	631,600	(NA)	Year-to-Date	631,000
Percentage Change from the Same Period in Previous Year					
1991 2/	3.4	1.6	1.9	1.1	2.0
1992 2/	0.9	1.4	0.5	-0.1	0.7
1993 2/	-0.6	-0.2	-1.2	-0.9	-0.7
1994 2/	-0.9	-1.0	-0.3	0.2	-0.5
1995 2/	0.1	-0.3	-0.8	-1.3	-0.6
1996 2/	-0.8	-0.9	0.0	0.2	-0.4
1997 2/	0.3	0.4	0.1	-0.1	0.2
1998 2/	-0.6	-0.1	0.3	0.2	0.0
1999 2/	-0.3	0.4	0.9	1.9	0.7
2000 2/	2.7	3.3	3.2	3.1	3.1
2001 2/	2.4	1.2	0.9	-1.7	0.7
2002 2/	-1.2	-0.4	0.1	2.8	0.3
2003 2/	2.8	1.8	1.7	1.6	2.0
2004 2/	1.8	2.7	3.0	3.6	2.8
2005 2/	3.2	3.5	3.5	2.6	3.2
2006 2/	2.9	2.6	2.4	2.4	2.6
2007 2/	2.1	1.3	0.9	0.8	1.3
2008 2/	0.7	-0.2	-1.2	-2.7	-0.9
2009 2/	-4.2	-4.7	-4.9	-4.1	-4.5
2010 2/	-2.6	-1.2	-0.3	1.0	-0.8
2011 2/	1.1	0.9	1.4	1.3	1.2
2012 2/	1.1	2.2	2.6	2.6	2.2
2013 2/	2.6	2.0	1.8	1.8	2.0
2014 2/	1.9	1.4	1.3	1.0	1.4
2015 2/	1.5	1.6	1.7	2.0	1.7
2016 2/	1.5	1.4	1.6	0.9	1.3
2017 2/	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	-0.1	0.2	0.0	0.1
2020 2/	0.4	-21.7	-20.7	-17.9	-15.0
2021 2/	-15.4	13.6	14.9	11.3	4.8
2022 2/	8.7	4.9	3.9	4.0	5.3
2023 3/	3.8	2.8	(NA)	Year-to-Date	3.3

NA Not available.

1/ Data rounded to nearest 100.

2/ 1990 to 2022 data benchmarked in March 2023. Reflects NAICS 2022 changes to some sub-categories of Retail Trade.

3/ Q1 revised from previous QSER.

Source: Hawaii State Department of Business, Economic Development & Tourism monthly and annual data

<<http://dbedt.hawaii.gov/economic/job-count-by-industry/>>. Quarterly and Year-to-Date averages calculated by the Hawaii State Department of Business, Economic Development & Tourism.

B. INCOME AND PRICES

In the first quarter of 2023, total annualized nominal GDP increased \$7,984 million or 8.4 percent, from the same quarter of 2022. In 2022, total annualized nominal GDP increased \$7,123 million or 7.8 percent from the previous year. In the first quarter of 2023, total annualized real GDP (in chained 2012 dollars) increased \$1,552 million or 2.1 percent from the same quarter of 2022. In 2022, total annualized real GDP increased \$871 million or 1.2 percent from the previous year (Tables B-1 to B-3).

Hawaii's total personal income increased during the first quarter of 2023, over the same quarter of 2022; all components of personal income increased over the same quarter of the previous year.

In the first quarter of 2023, total nominal annualized personal income (i.e. not adjusted for inflation) increased \$6,176.1 million or 7.2 percent over that of 2022 (Table B-5). In 2022, average personal income was \$88,341.5 million, an increase of \$483.8 million or 0.6 percent from the previous year. In the first quarter of 2023, personal income per capita was \$64,031, a 7.6 percent increase over the same quarter of the previous year (Table B-6).

In the first quarter of 2023, wages and salaries increased \$3,770.0 million or 9.1 percent over the same quarter of 2022. In 2022, wages and salaries increased \$3,453.6 million or 8.7 percent from the previous year (Table B-8).

Supplements to wages and salaries, consisting of employer payments to retirement plans, private group health insurance plans, private workers compensation plans, and other such benefits, increased \$755.8 million or 6.4 percent in the first quarter of 2023 from the same quarter of 2022 (Table B-9). In 2022, supplements to wages and salaries increased \$456.9 million or 3.9 percent from the previous year.

Proprietors' income increased \$280.5 million or 4.3 percent in the first quarter of 2023 over that of 2022 (Table B-10). In 2022, proprietors' income was up \$37.0 million or 0.6 percent from the previous year.

Dividends, interest, and rent increased \$1,103.3 million or 6.6 percent in the first quarter of 2023 from the same quarter of 2022. In 2022, income in this category was up \$768.2 million or 4.7 percent from the previous year (Table B-11).

The annualized personal current transfer receipts increased \$898.9 million or 5.6 percent in the first quarter of 2023 from the same quarter of 2022 (Table B-12). In 2022, personal current transfer receipts decreased \$3,676.8 million or 18.2 percent from the previous year, reflecting the expiration of COVID-19 assistance.

Contributions to government social insurance (which is subtracted from total personal income) increased \$632.4 million or 9.1 percent in the first quarter of 2023 compared to the same quarter of 2022. In 2022, these contributions increased \$555.0 million or 8.4 percent from the previous year (Table B-13).

In the first quarter of 2023, total non-farm private sector annualized earnings increased \$3,978.7 million or 9.3 percent from the same quarter of 2022 (Table B-4). In dollar terms, the largest increase occurred in accommodation and food services; followed by health care and social assistance, and construction. During the first quarter of 2023, total government earnings increased \$790.3 million or 4.6 percent from the same quarter of 2022. Earnings from the federal government increased \$366.7 million. Earnings from the state and local governments increased \$423.6 million in the quarter.

In the first half of 2023, Honolulu's Consumer Price Index for Urban Consumers (CPI-U) increased 3.4 percent from the same period in 2022 (Table B-14). This is 1.5 percentage point below the 4.9 percent increase for the U.S. average CPI-U and is lower than the first half of 2022 Honolulu CPI-U increase of 6.7 percent from the same period of the previous year. In the first half of 2023, the Honolulu CPI-U increased the most in Apparel (15.6 percent), followed by Other Goods and Services (10.3 percent), Food and Beverages (4.5 percent), Recreation (4.4 percent), Education and Communication (2.7 percent), Housing (2.2 percent), and Transportation (1.7 percent) compared to the first half of 2022.

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

[In \$1,000 at seasonally adj. annual rates & percent calculated at quarterly rates. As of QSER Sept. 2003, based on NAICS classification]

Series 1/	First Quarter 2022	Fourth Quarter 2022	First Quarter 2023	AnnAver 2022	Percentage change		
					First Quarter 2023		Ann. Aver.
					First Quarter 2022	Fourth Quarter 2022	2022 from 2021
PERSONAL INCOME	85,889,407	91,824,314	92,065,466	88,341,493	7.2	0.3	0.6
Earnings By Place of Work	59,967,096	64,169,792	64,773,441	61,868,552	8.0	0.9	6.8
Wages and salaries	41,523,899	44,924,973	45,293,947	43,117,413	9.1	0.8	8.7
Supplements to wages and salaries	11,897,514	12,542,188	12,653,287	12,148,606	6.4	0.9	3.9
Emp'ee contrib. for emp'ee pension & ins. funds	8,609,519	8,998,124	9,071,718	8,739,623	5.4	0.8	2.1
Employer contributions for gov't social ins.	3,287,995	3,544,064	3,581,569	3,408,983	8.9	1.1	8.9
Proprietors' income	6,545,683	6,702,631	6,826,207	6,602,533	4.3	1.8	0.6
Farm proprietors' income	-40,223	-5,517	-22,542	-37,059	(2/)	(2/)	(2/)
Nonfarm proprietors' income	6,585,906	6,708,148	6,848,749	6,639,592	4.0	2.1	0.7
Dividends, interest, and rent	16,710,076	17,533,773	17,813,357	17,135,468	6.6	1.6	4.7
plus: Personal current transfer receipts	16,139,105	17,585,851	17,037,958	16,516,478	5.6	-3.1	-18.2
Social Security benefits	5,415,100	5,547,690	6,111,337	5,477,920	12.9	10.2	9.7
Medicare benefits	3,336,544	3,463,377	3,533,706	3,383,668	5.9	2.0	4.7
Medicaid	2,803,369	2,994,053	3,151,711	2,909,240	12.4	5.3	3.3
State unempl. ins. comp.	171,542	158,434	174,366	156,957	1.6	10.1	-92.7
All other personal current transfer receipts	4,412,550	5,422,297	4,066,838	4,588,693	-7.8	-25.0	-34.6
Less: Contributions for gov't social insurance	6,926,870	7,465,102	7,559,290	7,179,004	9.1	1.3	8.4
Personal contributions for gov't social ins.	3,638,875	3,921,038	3,977,721	3,770,021	9.3	1.4	7.9
Employer contributions for gov't social ins.	3,287,995	3,544,064	3,581,569	3,408,983	8.9	1.1	8.9
Earnings By Industry	59,967,096	64,169,792	64,773,441	61,868,552	8.0	0.9	6.8
Farm Earnings	208,595	258,104	245,969	219,483	17.9	-4.7	7.1
Nonfarm Earnings	59,758,501	63,911,688	64,527,472	61,649,069	8.0	1.0	6.8
Private earnings	42,695,581	46,334,244	46,674,271	44,488,654	9.3	0.7	9.5
Forestry, fishing, & related activities	(D)	(D)	(D)	(D)	(NA)	(NA)	(NA)
Mining	32,598	33,350	34,096	33,083	4.6	2.2	10.7
Utilities	693,426	622,021	633,194	648,628	-8.7	1.8	5.1
Construction	4,617,144	4,932,383	4,966,741	4,796,884	7.6	0.7	2.6
Manufacturing	(D)	(D)	(D)	(D)	(NA)	(NA)	(NA)
Durable goods	(D)	(D)	(D)	(D)	(NA)	(NA)	(NA)
Nondurable goods	649,637	731,288	745,793	692,448	14.8	2.0	11.0
Wholesale trade	1,545,027	1,758,044	1,787,403	1,649,720	15.7	1.7	10.2
Retail trade	3,463,831	3,682,726	3,715,361	3,592,272	7.3	0.9	8.1
Transportation and warehousing	2,852,008	2,847,675	2,915,775	2,861,581	2.2	2.4	19.4
Information	1,065,034	1,170,813	1,157,425	1,115,558	8.7	-1.1	13.4
Finance and insurance	1,995,643	1,827,187	1,808,998	1,907,131	-9.4	-1.0	-4.9
Real estate and rental and leasing	2,147,542	2,070,862	2,091,405	2,105,682	-2.6	1.0	2.9
Prof., scientific, & technical services	3,698,772	3,809,086	3,890,024	3,797,577	5.2	2.1	7.4
Management of companies and enterprises	1,053,311	1,180,777	1,169,746	1,118,815	11.1	-0.9	10.9
Admin. & waste management services	2,388,456	2,618,925	2,655,198	2,518,910	11.2	1.4	16.0
Educational services	919,676	1,061,977	1,071,687	970,247	16.5	0.9	5.9
Health care and social assistance	6,643,443	7,166,661	7,079,253	6,744,387	6.6	-1.2	3.7
Arts, entertainment, and recreation	797,527	956,452	994,171	867,827	24.7	3.9	21.7
Accommodation and food services	5,427,904	6,905,450	6,960,991	6,252,093	28.2	0.8	25.4
Other services, except public admin.	2,331,551	2,522,553	2,552,476	2,411,955	9.5	1.2	9.2
Government and government enterprises	17,062,920	17,577,444	17,853,201	17,160,415	4.6	1.6	0.5
Federal	9,353,746	9,556,585	9,720,477	9,428,794	3.9	1.7	0.9
Federal, civilian	4,350,317	4,472,866	4,474,570	4,423,554	2.9	0.0	2.1
Military	5,003,429	5,083,719	5,245,907	5,005,240	4.8	3.2	-0.2
State and local	7,709,174	8,020,859	8,132,724	7,731,621	5.5	1.4	0.0

(D) Not shown to avoid disclosure of confidential information; estimates are included in higher-level totals. NA Not available.

1/ 2022Q1 to 2022 Annual 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, June 30, 2023 <<https://apps.bea.gov/itable/?ReqID=70&step=1>> accessed June 30, 2023.

**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								
		All Items	Food & Beverages	Housing	Apparel	Transportation	Medical Care	Recreation 1/	Educ. & Comm. 1/	Other Goods & Services
1990	130.7	138.1	137.8	141.5	107.0	131.1	154.2	(NA)	(NA)	160.4
1991	136.2	148.0	145.9	152.8	110.5	139.3	171.3	(NA)	(NA)	175.7
1992	140.3	155.1	148.5	161.7	114.2	147.4	182.6	(NA)	(NA)	189.0
1993	144.5	160.1	152.9	166.5	116.5	150.5	197.4	(NA)	(NA)	200.1
1994	148.2	164.5	153.4	171.6	118.7	156.4	206.0	(NA)	(NA)	209.6
1995	152.4	168.1	156.8	174.7	117.5	162.4	209.8	(NA)	(NA)	216.8
1996	156.9	170.7	156.8	176.8	118.5	167.0	215.0	(NA)	(NA)	226.5
1997	160.5	171.9	159.2	177.1	117.3	166.2	217.3	(NA)	(NA)	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	(2/)	101.6	104.6	289.3
2002	179.9	180.3	171.9	181.2	102.6	170.9	(2/)	99.5	107.8	302.2
2003	184.0	184.5	174.9	186.2	98.5	176.4	(2/)	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	(2/)	97.8	114.3	321.0
2006	201.6	209.4	194.2	222.5	104.4	202.1	(2/)	101.1	114.0	332.1
2007	207.342	219.504	204.942	238.428	104.145	205.027	0.000	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	(2/)	128.651	142.193	497.228
2019	255.657	281.585	287.622	307.869	114.706	223.689	(2/)	130.977	143.547	504.378
2020	258.811	286.008	301.370	314.089	113.298	212.767	(2/)	135.860	147.241	498.753
2021	270.970	296.818	312.618	323.600	109.057	237.344	438.199	138.901	151.058	525.471
2022	292.655	316.076	338.162	338.500	110.427	272.141	(2/)	141.639	153.306	558.353
1995H1	151.5	166.9	156.5	173.4	118.1	160.0	207.8	(NA)	(NA)	214.4
H2	153.2	169.4	157.1	176.0	116.9	164.9	211.8	(NA)	(NA)	219.2
1996H1	155.8	170.5	156.9	176.8	120.0	166.3	214.9	(NA)	(NA)	220.6
H2	157.9	171.0	156.3	176.8	116.9	167.7	215.0	(NA)	(NA)	232.4
1997H1	159.9	172.1	159.4	177.3	119.8	167.8	215.6	(NA)	(NA)	232.5
H2	161.2	171.8	159.0	177.0	114.8	164.6	219.1	(NA)	(NA)	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	103.5	102.1	287.5
H2	177.5	178.7	170.7	179.3	102.3	173.0	(2/)	101.1	105.8	291.1
2002H1	178.9	180.1	172.3	180.5	106.2	171.7	(2/)	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	(2/)	99.3	111.1	307.0
H2	184.6	185.7	176.0	187.7	97.8	177.7	(2/)	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	(2/)	98.5	115.8	318.6
H2	197.4	200.6	187.1	210.5	100.0	195.1	(2/)	97.0	112.8	323.3
2006H1	200.6	206.4	191.6	216.9	104.1	201.6	(2/)	100.9	114.3	329.5
H2	202.6	212.3	196.8	228.0	104.7	202.6	(2/)	101.3	113.7	334.7
2007H1	205.709	216.620	202.952	233.606	102.648	204.402	(2/)	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	(2/)	126.739	141.143	498.266
H2	252.125	278.960	282.809	303.600	106.676	229.194	(2/)	130.563	143.244	496.189
2019H1	254.412	280.666	287.519	306.722	110.653	223.172	(2/)	132.087	143.708	502.008
H2	256.903	282.503	287.726	309.055	118.937	224.207	(2/)	129.866	143.387	506.748
2020H1	257.557	285.086	295.141	314.817	116.103	213.051	(2/)	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
2021H1	262.236	292.475	307.098	320.331	109.694	228.406	435.684	135.097	150.327	518.596
H2	275.703	301.161	318.139	326.870	108.421	246.281	440.714	142.706	151.789	532.346
2022H1	288.347	312.137	333.466	334.694	110.795	267.012	(2/)	142.454	152.254	543.073
H2	296.963	320.016	342.859	342.307	110.059	277.270	486.780	140.823	154.359	573.633
2023H1	302.408	322.718	348.620	342.203	128.090	271.623	(2/)	148.696	156.292	599.275

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.
NA Not available.

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

2/ 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/dsccv>> accessed July 12, 2023, and BLS Honolulu CPI News Releases and <<http://www.bls.gov/ro9/cpihono.htm>> accessed July 12, 2023.

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

Period	U.S.	Honolulu								
		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	(NA)	(NA)	9.5
1992	3.0	4.8	1.8	5.8	3.3	5.8	6.6	(NA)	(NA)	7.6
1993	3.0	3.2	3.0	3.0	2.0	2.1	8.1	(NA)	(NA)	5.9
1994	2.6	2.7	0.3	3.1	1.9	3.9	4.4	(NA)	(NA)	4.7
1995	2.8	2.2	2.2	1.8	-1.0	3.8	1.8	(NA)	(NA)	3.4
1996	3.0	1.5	0.0	1.2	0.9	2.8	2.5	(NA)	(NA)	4.5
1997	2.3	0.7	1.5	0.2	-1.0	-0.5	1.1	(NA)	(NA)	5.5
1998	1.6	-0.2	-0.1	-0.6	-4.3	-2.2	4.0	(NA)	(NA)	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	(2/)	-1.2	-1.8	3.4
2002	1.6	1.1	1.4	1.2	1.6	-2.1	(2/)	-2.1	3.1	4.5
2003	2.3	2.3	1.7	2.8	-4.0	3.2	(2/)	0.9	4.4	1.8
2004	2.7	3.3	3.0	4.4	2.7	3.4	(2/)	1.9	0.9	1.6
2005	3.4	3.8	3.2	5.6	1.3	5.0	(2/)	-4.4	0.7	2.8
2006	3.2	5.9	4.5	8.4	1.9	5.5	(2/)	3.4	-0.3	3.5
2007	2.8	4.8	5.5	7.2	-0.2	1.4	(2/)	1.5	0.0	4.6
2008	3.8	4.3	5.7	4.3	1.1	4.4	(2/)	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	(2/)	2.3	-1.5	1.7
2019	1.8	1.6	2.1	2.4	4.1	-1.8	(2/)	1.8	1.0	1.4
2020	1.2	1.6	4.8	2.0	-1.3	-4.9	(2/)	3.6	2.6	-1.1
2021	4.7	3.8	3.7	3.0	-3.7	11.6	(2/)	2.4	2.6	5.4
2022	8.0	6.5	8.2	4.6	1.3	14.7	(2/)	2.0	1.5	6.3
1996H1	2.8	2.2	0.3	2.0	1.6	3.9	3.4	(NA)	(NA)	2.9
H2	3.1	0.9	-0.5	0.5	0.0	1.7	1.5	(NA)	(NA)	6.0
1997H1	2.6	0.9	1.6	0.3	-0.2	0.9	0.3	(NA)	(NA)	5.4
H2	2.1	0.5	1.7	0.1	-1.8	-1.8	1.9	(NA)	(NA)	5.6
1998H1	1.5	-0.1	0.4	-0.6	-2.8	-2.7	3.2	(NA)	(NA)	9.4
H2	1.6	-0.5	-0.5	-0.7	-5.9	-1.7	4.9	(NA)	(NA)	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	(2/)	-1.5	0.2	3.3
2002H1	1.3	1.1	2.4	1.0	6.5	-2.4	(2/)	-2.2	3.3	4.0
H2	1.9	1.0	0.5	1.5	-3.1	-1.7	(2/)	-1.9	2.7	4.9
2003H1	2.5	1.7	0.8	2.3	-6.6	2.0	(2/)	-0.6	3.9	2.6
H2	2.0	2.9	2.6	3.2	-1.3	4.5	(2/)	2.3	4.7	0.9
2004H1	2.3	3.3	3.3	4.1	3.4	2.9	(2/)	3.3	2.2	0.8
H2	3.0	3.3	2.8	4.6	2.1	3.9	(2/)	0.5	-0.2	2.3
2005H1	3.0	3.1	2.9	4.0	2.2	4.4	(2/)	-4.0	2.0	2.9
H2	3.8	4.5	3.4	7.2	0.1	5.7	(2/)	-4.9	-0.7	2.6
2006H1	3.8	5.8	3.7	8.5	-0.8	7.1	(2/)	2.4	-1.3	3.4
H2	2.6	5.8	5.2	8.3	4.7	3.8	(2/)	4.4	0.8	3.5
2007H1	2.5	5.0	5.9	7.7	-1.4	1.4	(2/)	1.1	-1.2	4.3
H2	3.1	4.8	5.1	6.7	0.9	1.5	(2/)	1.8	1.2	5.0
2008H1	4.2	4.9	4.7	5.6	3.2	5.4	(2/)	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	(2/)	0.9	-2.5	1.7
H2	2.4	2.1	1.2	2.4	-6.7	4.9	(2/)	3.7	-0.6	1.7
2019H1	1.7	2.0	2.4	3.0	-2.8	-1.3	(2/)	4.2	1.8	0.8
H2	1.9	1.3	1.7	1.8	11.5	-2.2	(2/)	-0.5	0.1	2.1
2020H1	1.2	1.6	2.7	2.6	4.9	-4.5	(2/)	2.7	0.9	-1.4
H2	1.2	1.6	6.9	1.4	-7.1	-5.2	(2/)	4.5	4.2	-0.8
2021H1	3.4	2.6	4.1	1.8	-5.5	7.2	(2/)	-0.4	3.6	4.8
H2	6.0	5.0	3.4	4.3	-1.9	15.9	0.7	5.2	1.6	5.9
2022H1	8.3	6.7	8.6	4.5	1.0	16.9	(2/)	5.4	1.3	4.7
H2	7.7	6.3	7.8	4.7	1.5	12.6	10.5	-1.3	1.7	7.8
2023H1	4.9	3.4	4.5	2.2	15.6	1.7	(2/)	4.4	2.7	10.3

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.
NA Not available.

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

2/ 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 July 12, 2023, and BLS Honolulu CPI News Releases and <<http://www.bls.gov/r9/cphono.htm>> accessed July 12, 2023.

C. TAX REVENUES

The State general fund tax revenues decreased in the second quarter of 2023 compared to the same quarter of 2022.¹ Among the components shown, the GET increased the most in dollar terms, followed by the Net Corporate Income Tax, and Transient Accommodations Tax (TAT). Net Individual Income Tax revenues decreased.

In the second quarter of 2023, total tax collections distributed to the State general fund totaled \$2,774.3 million, a decrease of \$231.6 million or 7.7 percent over the same quarter of 2022 (Tables C-1 and C-2). In 2022, State general fund tax revenues increased \$1,303.4 million or 16.0 percent over the previous year.

During the second quarter of 2023, GET revenues (excluding the Honolulu County Surcharge) totaled \$1,135.5 million, an increase of \$56.2 million or 5.2 percent over the same quarter of 2022 (Table C-3). In 2022, GET revenues increased \$659.0 million or 18.3 percent from the previous year.

Compared to the second quarter of 2022, Net Individual Income Tax revenues decreased \$261.7 million or 18.2 percent to \$1,175.7 million in the second quarter of 2023 (Table C-4). In the second quarter of 2023, Declaration of Estimated Taxes decreased \$202.6 million or 26.0 percent (Table C-5), Payments with Returns decreased \$85.4 million or 28.0 percent (Table C-6), Revenues from Withholding Tax on Wages increased \$42.6 million or 7.2 percent (Table C-7), and Refunds increased \$16.4 million or 6.8 percent (Table C-8). In 2022, Net Individual Income Tax collections increased 141.3 million or 4.2 percent from 2021.

Net Corporate Income Tax revenues, which tend to be volatile by nature, increased from \$114.9 million in the second quarter of 2022 to \$134.6 million in the second quarter of 2023, an increase of \$19.7 million (Table C-9). In the second quarter of 2023, the Declaration of Estimated Taxes increased \$6.7 million or 5.1 percent (Table C-10), the Payment with Returns increased \$0.6 million or 3.8 percent (Table C-11), and the Refunds decreased \$12.4 million or 37.7 percent (Table C-12), compared with the same quarter of 2022. In 2022, Net Corporate Income Tax revenues increased \$44.6 million or 18.9 percent from the previous year.

In the second quarter of 2023, Transient Accommodations Tax (TAT) revenues increased \$2.6 million, or 1.2 percent compared to the same quarter of 2022 (Table C-13). In 2022, TAT revenues increased \$321.8 million or 63.3 percent from the previous year.

According to the most recent data available, in the first quarter of 2023, the Retailing tax base increased 11.0 percent or \$1,194.4 million (Table C-14), the Services tax base increased 10.9 percent or \$505.0 million (Table C-15), the Contracting tax base increased 4.5 percent or \$116.1 million (Table C-16), and the Hotel Rentals tax base increased 16.1 percent or \$291.9 million (Table C-17), compared to the same quarter of the previous year. For 2022, the Retailing tax base increased 17.5 percent, the Services tax base increased 14.0 percent, the Contracting tax base increased 6.7 percent, and the Hotel Rentals tax base increased 64.3 percent.

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

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

Year	General Excise and Use Tax	Net Individual Income Tax 1/	Net Corporate Income Tax 2/	Tax Revenues Distributed to State General Fund
In Thousands of Dollars				
1990	1,250,204	743,114	86,269	2,246,752
1991	1,287,818	900,962	70,568	2,397,289
1992	1,299,814	922,206	42,737	2,523,670
1993	1,308,797	961,405	22,239	2,555,912
1994	1,347,945	1,003,479	34,228	2,672,291
1995	1,386,684	918,811	37,336	2,614,713
1996	1,469,766	995,456	51,243	2,799,972
1997	1,433,012	985,000	55,594	2,756,621
1998	1,436,654	1,093,241	50,112	2,889,291
1999	1,454,778	1,053,858	47,692	2,841,290
2000	1,611,446	1,080,371	67,650	3,067,622
2001	1,660,764	1,100,317	48,269	3,172,250
2002	1,679,840	1,059,646	55,373	3,116,029
2003	1,820,498	1,071,356	5,169	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	4,608,589
2009	2,296,288	1,267,602	36,883	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	2,263,183	64,901	6,484,975
2018	3,426,525	2,523,786	126,138	6,935,078
2019	3,602,222	2,680,592	137,143	7,316,550
2020	3,038,781	2,597,385	41,288	6,415,089
2021	3,604,330	3,355,884	236,276	8,137,947
2022	4,263,353	3,497,207	280,916	9,441,315
2002 1 Qtr.	395,795	266,388	18,655	761,922
2 2 Qtr.	400,462	255,030	25,751	751,798
3 3 Qtr.	473,241	266,331	4,267	820,290
4 4 Qtr.	410,341	271,897	6,700	776,019
2003 1 1 Qtr.	455,018	254,081	-25,417	772,047
2 2 Qtr.	454,098	245,799	22,712	813,686
3 3 Qtr.	473,268	274,359	8,154	819,182
4 4 Qtr.	438,113	297,117	-260	806,515
2004 1 1 Qtr.	506,097	261,760	12,022	874,018
2 2 Qtr.	482,899	335,713	36,737	946,670
3 3 Qtr.	519,129	325,602	15,156	946,218
4 4 Qtr.	483,415	312,346	11,257	885,780
2005 1 1 Qtr.	579,475	338,591	12,413	1,054,797
2 2 Qtr.	554,585	404,642	46,779	1,110,743
3 3 Qtr.	579,607	361,900	67,092	1,099,688
4 4 Qtr.	549,727	342,612	6,305	987,002
2006 1 1 Qtr.	638,194	355,719	1,330	1,106,472
2 2 Qtr.	587,788	490,365	55,282	1,241,830
3 3 Qtr.	605,813	361,508	22,781	1,076,795
4 4 Qtr.	625,584	369,081	7,582	1,097,164
2007 1 1 Qtr.	662,362	341,183	9,136	1,116,467
2 2 Qtr.	662,003	486,514	42,386	1,298,154
3 3 Qtr.	646,384	379,033	27,297	1,146,614
4 4 Qtr.	652,765	370,408	1,245	1,124,851
2008 1 1 Qtr.	678,489	336,354	14,593	1,138,545
2 2 Qtr.	641,149	459,040	41,946	1,231,862
3 3 Qtr.	655,075	382,982	17,117	1,161,528
4 4 Qtr.	593,107	386,333	2,945	1,076,634
2009 1 1 Qtr.	589,891	265,502	9,201	954,075
2 2 Qtr.	579,506	304,239	24,259	1,010,064
3 3 Qtr.	577,836	357,169	12,451	1,051,792
4 4 Qtr.	540,055	340,692	-9,229	1,002,283
2010 1 1 Qtr.	616,777	428,586	18,696	1,192,489
2 2 Qtr.	572,766	401,662	37,267	1,117,994
3 3 Qtr.	611,575	165,284	1,752	908,912
4 4 Qtr.	578,824	379,587	-4,900	1,092,946
2011 1 1 Qtr.	652,857	289,893	-8,202	1,068,341
2 2 Qtr.	652,551	412,388	45,923	1,259,112
3 3 Qtr.	655,038	395,424	10,662	1,215,241
4 4 Qtr.	628,042	362,916	-28,835	1,119,826
2012 1 1 Qtr.	711,092	276,663	33,542	1,186,786
2 2 Qtr.	703,779	506,048	57,658	1,455,995
3 3 Qtr.	738,753	435,471	21,335	1,346,738
4 4 Qtr.	691,117	433,030	160	1,269,630
2013 1 1 Qtr.	757,923	351,323	14,909	1,282,926
2 2 Qtr.	756,693	516,183	64,584	1,572,719
3 3 Qtr.	698,689	454,022	39,471	1,311,027
4 4 Qtr.	694,316	424,087	16,374	1,284,968
2014 1 1 Qtr.	746,724	346,914	-11,265	1,286,988
2 2 Qtr.	740,811	520,787	42,441	1,487,285
3 3 Qtr.	754,466	453,178	15,558	1,348,688
4 4 Qtr.	737,774	499,814	19,012	1,412,748
2015 1 1 Qtr.	782,302	464,230	9,632	1,444,563
2 2 Qtr.	773,665	570,972	8,118	1,529,142
3 3 Qtr.	831,149	520,447	50,082	1,593,064
4 4 Qtr.	754,374	498,450	8,630	1,431,846
2016 1 1 Qtr.	818,316	495,998	-17,278	1,504,155
2 2 Qtr.	802,314	601,965	51,801	1,665,290
3 3 Qtr.	801,115	509,507	18,476	1,545,715
4 4 Qtr.	783,988	510,748	36,898	1,500,247
2017 1 1 Qtr.	831,893	556,351	-31,911	1,575,636
2 2 Qtr.	822,229	616,196	53,298	1,693,618
3 3 Qtr.	901,033	539,171	35,995	1,691,534
4 4 Qtr.	794,667	551,465	7,520	1,524,187
2018 1 1 Qtr.	959,068	508,708	19,302	1,710,827
2 2 Qtr.	740,798	858,475	40,839	1,869,488
3 3 Qtr.	880,361	579,322	22,188	1,697,744
4 4 Qtr.	846,297	577,281	43,810	1,655,019
2019 1 1 Qtr.	916,354	524,252	17,491	1,688,188
2 2 Qtr.	898,376	887,762	80,188	2,100,839
3 3 Qtr.	923,136	659,199	26,198	1,852,368
4 4 Qtr.	864,355	612,379	13,267	1,675,155
2020 1 1 Qtr.	971,273	560,056	-24,900	1,791,047
2 2 Qtr.	677,373	528,181	-6,157	1,376,238
3 3 Qtr.	696,048	915,885	43,710	1,793,371
4 4 Qtr.	694,087	593,262	28,637	1,454,433
2021 1 1 Qtr.	793,430	657,418	-1,423	1,592,332
2 2 Qtr.	896,630	1,188,886	115,757	2,410,125
3 3 Qtr.	996,301	809,379	66,202	2,172,633
4 4 Qtr.	917,969	700,201	55,741	1,962,857
2022 1 1 Qtr.	1,016,322	814,226	19,221	2,217,471
2 2 Qtr.	1,079,317	1,437,463	114,870	3,005,887
3 3 Qtr.	1,123,341	646,588	79,829	2,195,923
4 4 Qtr.	1,044,373	598,929	66,997	2,022,034
3/ 2023 1 1 Qtr.	1,139,439	679,209	35,194	2,208,406
2 2 Qtr.	1,135,498	1,175,738	134,579	2,774,274

1/ Declaration of estimated taxes, plus payments with returns, plus withholding tax on wages, less refunds.
 Individual income tax rates changed effective January 1, 1999, 2001 and 2002.
 2/ Declaration of estimated taxes, plus payments with returns, less refunds.
 3/ Tax Revenues Distributed to State General Fund revised from previous QSER.
 Source: Hawaii State Department of Taxation and <http://www.hawaii.gov/tax/a5_3txcolrpt.htm>.

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

Year	General Excise and Use Tax	Net Individual Income Tax 1/	Net Corporate Income Tax 2/	Tax Revenues Distributed to State General Fund
Percentage Change from the Same Period in Previous Year				
1991	3.0	21.2	-18.2	6.7
1992	0.9	2.4	-39.4	5.3
1993	0.7	3.2	-48.0	1.3
1994	3.0	5.5	53.9	4.6
1995	2.9	-8.4	9.1	-2.2
1996	6.0	8.3	37.2	7.1
1997	-2.5	-1.1	8.5	-1.5
1998	0.3	11.0	-9.9	4.8
1999	1.3	-3.6	-4.8	-1.7
2000	10.8	2.5	41.8	8.0
2001	3.1	1.8	-28.6	3.4
2002	1.1	-3.7	14.7	-1.8
2003	8.4	1.1	-90.6	3.1
2004	9.4	15.3	1,348.7	13.7
2005	13.7	17.2	76.4	16.4
2006	8.6	8.9	-34.4	6.4
2007	6.8	0.2	-8.0	3.6
2008	-2.1	-0.9	-4.3	-1.6
2009	-10.6	-19.0	-52.1	-12.8
2010	3.6	8.5	44.0	7.3
2011	8.8	6.2	-63.0	8.1
2012	9.9	13.0	476.5	12.8
2013	2.2	5.7	20.1	3.7
2014	2.5	4.3	-51.4	1.5
2015	5.4	12.8	16.3	8.4
2016	2.0	3.1	17.3	3.6
2017	4.5	6.8	-27.6	4.3
2018	2.3	11.5	94.4	6.9
2019	5.1	6.3	8.7	5.5
2020	-15.6	-3.2	-69.9	-12.3
2021	18.6	29.2	472.3	26.9
2022	18.3	4.2	18.9	16.0
2003 1 Qtr.	15.0	-4.6	(4)	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	(4)	3.9
2004 1 Qtr.	11.2	3.0	(4)	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	(4)	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	(4)	-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	(4)	9.0
2011 1 Qtr.	5.8	-32.4	(4)	-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	(4)	2.5
2012 1 Qtr.	8.9	-4.6	(4)	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	(4)	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	(4)	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	(4)	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	(4)	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	(4)	4.8
2 Qtr.	2.5	2.4	3.3	1.7
3 Qtr.	12.5	5.8	94.8	9.4
4 Qtr.	1.4	8.0	-79.6	1.6
2018 1 Qtr.	15.3	-8.6	(4)	8.6
2 Qtr.	-9.9	39.3	-23.4	10.4
3 Qtr.	-2.3	7.4	-38.4	0.4
4 Qtr.	6.5	4.7	482.6	8.6
2019 1 Qtr.	-4.5	3.1	-9.4	-1.3
2 Qtr.	21.3	3.4	96.4	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	(4)	6.1
2 Qtr.	-24.6	-40.5	(4)	-34.5
3 Qtr.	-24.6	38.9	66.8	-3.2
4 Qtr.	-19.7	-3.1	115.9	-13.2
2021 1 Qtr.	-18.3	17.4	(4)	-11.1
2 Qtr.	32.4	125.1	(4)	75.1
3 Qtr.	43.1	-11.6	51.5	21.1
4 Qtr.	32.3	18.0	94.6	35.0
2022 1 Qtr.	28.1	23.9	(4)	39.3
2 Qtr.	20.4	20.9	-0.8	24.7
3 Qtr.	12.8	-20.1	20.6	1.1
4 Qtr.	13.8	-14.5	20.2	3.0
4/ 2023 1 Qtr.	12.1	-16.6	83.1	-0.4
2 Qtr.	5.2	-18.2	17.2	-7.7

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/ Tax Revenues Distributed to State General Fund revised from previous OSER.
4/ Percentage changes involving negative values not meaningful.
Source: Hawaii State Department of Taxation and <http://www.hawaii.gov/tax/a5_3txcolp.htm>.

D. TOURISM

International visitor arrivals increased while domestic visitor arrivals decreased in the second quarter of 2023.

The total number of visitor arrivals by air increased 58,449 or 2.4 percent in the second quarter of 2023, compared to the second quarter of 2022 (Table D-2). The total average daily census increased by 722 or 0.3 percent in the quarter. In 2022, total visitor arrivals by air increased 2,360,913 or 34.8 percent, while the average daily census increased 53,216 or 29.7 percent from the previous year.

In the second quarter of 2023, total visitor arrivals on domestic flights decreased 83,752 or 3.7 percent compared to the same quarter of 2022 (Table D-3). In 2022, domestic arrivals were up 1,576,406 or 23.7 percent from the previous year.

Arrivals on international flights increased 142,201 or 78.5 percent in the second quarter of 2023 compared to the second quarter of 2022 (Table D-4). In 2022, international arrivals increased 784,507 or 648.5 percent from the previous year.

In terms of major market areas, from the second quarter of 2022 to the same period of 2023, arrivals from the U.S. West decreased 82,403 or 5.6 percent (Table D-5), arrivals from the U.S. East decreased 8,506 or 1.3 percent (Table D-6), and arrivals from Japan increased 91,367 or 382.5 percent (Table D-7). In 2022, arrivals from the U.S. West were up 803,761 or 18.0 percent; arrivals from the U.S. East were up 473,818 or 23.7 percent; and Japanese arrivals were up 173,626 or 916.9 percent from the previous year.

The total average daily visitor census was up 0.3 percent or 722 visitors per day in the second quarter of 2023, over the same quarter of 2022 (Table D-8). The domestic average daily census decreased 5.5 percent or

12,051 visitors per day (Table D-9), while the international average daily census increased 64.6 percent or 12,773 visitors per day (Table D-10). In 2022, the domestic average daily census increased 32,300 or 18.6 percent; and the international average daily census increased by 20,916 or 415.3 percent from the previous year.

Nominal visitor expenditures by air totaled \$5,396.0 million in the second quarter of 2023, an increase of \$329.1 million or 6.5 percent from the second quarter of 2022 (Table D-11). In 2022, visitor expenditures totaled \$19,653.6 million, an increase of \$6,526.6 million or 49.7 percent from the previous year.

Total airline capacity, as measured by the number of available seats flown to Hawaii, increased 2.8 percent or by 90,014 seats (Table D-12) in the second quarter of 2023, domestic seats decreased 4.4 percent or 125,060 seats (Table D-13), and international seats increased 66.3 percent or 215,074 seats (Table D-14), compared to the same quarter of 2022. In 2022, the number of total available seats increased 18.7 percent or 2,010,546 seats, domestic seats increased 7.9 percent or 809,979 seats, and international seats increased 264.5 percent or 1,200,567 seats from the previous year.

In the second quarter of 2023, the statewide hotel occupancy rate averaged 74.5 percent, 0.6 percentage points lower than that of the same quarter of 2022 (Table D-15). In 2022, the statewide hotel occupancy rate averaged 73.6 percent, 16.1 percentage points higher 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	2,678,073	2,065,689	612,384	77,915	63,921	13,993
2021	6,777,760	6,656,779	120,981	178,938	173,901	5,037
2022 2/	9,138,674	8,233,186	905,488	232,154	206,201	25,953
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
2020 1 Qtr.	2,083,958	1,483,458	600,500	212,108	157,883	54,225
2 Qtr.	32,731	31,468	1,263	9,758	9,581	177
3 Qtr.	64,339	61,456	2,883	20,469	19,995	474
4 Qtr.	497,045	489,307	7,738	70,042	68,657	1,385
2021 1 Qtr.	847,047	839,458	7,589	103,398	101,408	1,990
2 Qtr.	1,905,914	1,897,256	8,658	199,230	197,587	1,643
3 Qtr.	2,107,156	2,087,355	19,801	210,829	207,587	3,241
4 Qtr.	1,917,643	1,832,710	84,933	200,872	187,703	13,170
2/ 2022 1 Qtr.	1,969,097	1,832,960	136,137	211,575	190,971	20,604
2/ 2 Qtr.	2,424,292	2,243,217	181,075	240,612	220,852	19,760
2/ 3 Qtr.	2,440,593	2,188,359	252,234	242,898	215,313	27,585
2/ 4 Qtr.	2,304,691	1,968,649	336,042	233,175	197,495	35,680
2/ 2023 1 Qtr.	2,401,012	2,003,103	397,909	250,016	206,531	43,484
2/ 2 Qtr.	2,482,741	2,159,465	323,276	241,334	208,801	32,533

1/ Staying overnight or longer.

2/ 2022 are revised and 2023 data are preliminary.

Source: Hawaii State Department of Business, Economic Development & Tourism and

<<http://www.hawaii.gov/dbedt/info/visitor-stats/>> and Hawaii Tourism Authority, Tourism Research.

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

Year	Visitor Arrivals 1/			Average Daily Visitor Census		
	Total	Domestic	International	Total	Domestic	International
Percentage Change from the Same Period in Previous Year						
1991	-3.1	-5.7	1.7	-4.7	-6.5	0.5
1992	-0.7	-6.8	9.5	3.3	0.9	9.7
1993	-6.2	-5.9	-6.7	-3.1	-5.8	3.1
1994	4.8	6.8	2.0	6.2	7.4	3.5
1995	2.9	-1.8	9.9	0.3	-2.1	5.6
1996	2.7	1.4	4.5	0.8	0.7	0.9
1997	0.6	2.5	-2.0	-0.7	1.5	-5.2
1998	-2.4	3.2	-10.1	0.1	3.7	-7.8
1999	2.2	6.0	-3.7	4.5	5.3	2.5
2000	3.1	4.5	0.7	2.6	4.6	-2.7
2001	-9.3	-5.0	-16.9	-6.2	-4.3	-11.2
2002	1.4	3.2	-2.4	1.2	2.5	-2.4
2003	-0.1	4.0	-8.9	0.5	1.9	-3.8
2004	8.3	8.0	9.2	6.5	7.3	3.9
2005	7.3	8.6	4.2	8.1	9.1	4.9
2006	1.5	4.5	-6.0	2.2	3.6	-2.8
2007	-0.4	0.6	-3.2	0.0	0.9	-3.6
2008	-10.4	-12.2	-5.4	-8.9	-10.4	-3.1
2009	-4.4	-4.7	-3.5	-4.3	-4.5	-3.4
2010	7.7	6.1	12.1	7.8	5.7	15.4
2011	3.7	3.4	4.5	4.4	4.1	5.4
2012	9.7	5.4	20.4	8.3	4.8	19.6
2013	1.7	0.0	5.4	0.8	0.2	2.4
2014	2.4	1.5	4.3	1.6	1.2	2.8
2015	4.5	5.4	2.6	3.7	3.3	5.0
2016	3.0	3.2	2.6	1.7	1.2	3.1
2017	5.2	4.5	6.5	5.2	4.0	8.5
2018	5.2	8.0	-0.4	4.9	6.3	1.5
2019	4.9	7.7	-1.2	2.2	4.4	-3.5
2020	-73.9	-71.5	-79.5	-68.3	-64.9	-77.9
2021	153.1	222.3	-80.2	129.7	172.1	-64.0
2022 2/	34.8	23.7	648.5	29.7	18.6	415.3
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
2020 1 Qtr.	-16.2	-11.8	-25.4	-15.7	-11.3	-26.2
2 Qtr.	-98.7	-98.4	-99.8	-96.0	-94.9	-99.7
3 Qtr.	-97.6	-96.7	-99.6	-91.7	-89.2	-99.2
4 Qtr.	-80.2	-72.3	-99.0	-70.7	-61.5	-97.7
2021 1 Qtr.	-59.4	-43.4	-98.7	-51.3	-35.8	-96.3
2 Qtr.	5,723.0	5,929.2	585.5	1,941.8	1,962.3	829.3
3 Qtr.	3,175.1	3,296.5	586.8	930.0	938.2	583.9
4 Qtr.	285.8	274.6	997.6	186.8	173.4	851.1
2/ 2022 1 Qtr.	132.5	118.4	1,693.9	104.6	88.3	935.5
2/ 2 Qtr.	27.2	18.2	1,991.4	20.8	11.8	1102.8
2/ 3 Qtr.	15.8	4.8	1,173.8	15.2	3.7	751.0
2/ 4 Qtr.	20.2	7.4	295.7	16.1	5.2	170.9
2/ 2023 1 Qtr.	21.9	9.3	192.3	18.2	8.1	111.0
2/ 2 Qtr.	2.4	-3.7	78.5	0.3	-5.5	64.6

1/ Staying overnight or longer.
2/ 2022 are revised and 2023 data are preliminary.
Source: Hawaii State Department of Business, Economic Development & Tourism and
<<http://www.hawaii.gov/dbedt/info/visitor-stats/>> and Hawaii Tourism Authority, Tourism Research.

Table D-15. HOTEL OCCUPANCY RATE

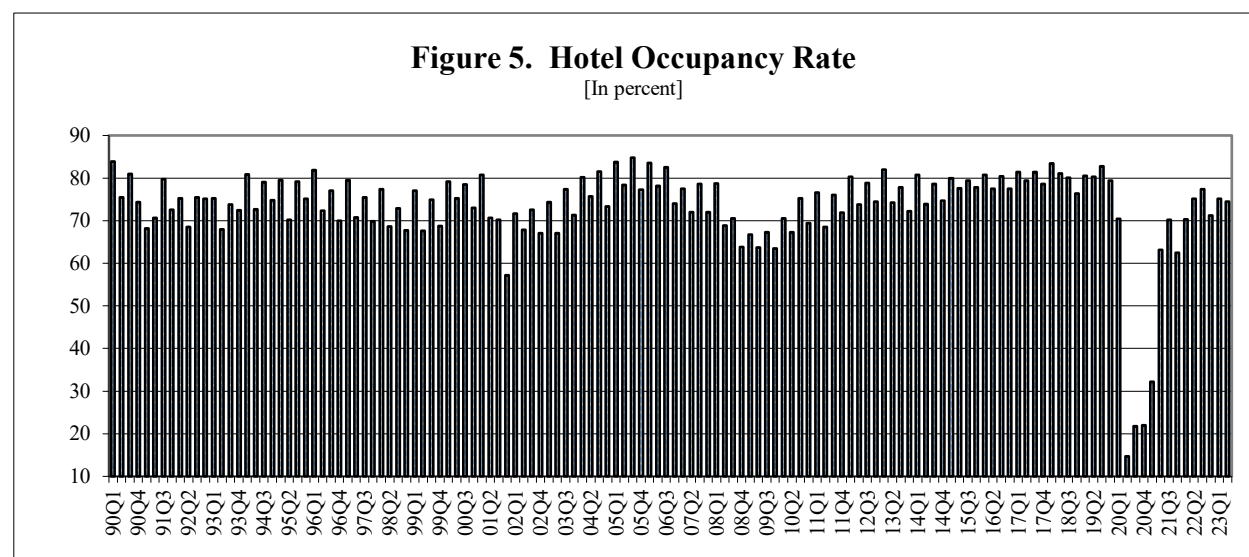
Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	Annual Average
In Percent					
1982	79.0	65.9	70.9	66.7	70.4
1983	75.2	68.1	71.7	66.5	69.7
1984	84.0	75.6	74.6	75.1	76.0
1985	88.1	69.1	75.0	72.5	76.1
1986	87.0	78.8	79.9	76.8	81.7
1987	88.0	77.1	82.1	77.8	81.1
1988	81.7	75.1	81.3	75.1	78.5
1989	85.9	73.9	81.0	75.7	79.0
1990	83.9	75.5	81.0	74.3	78.8
1991	68.2	70.7	79.7	72.5	72.4
1992	75.3	68.6	75.5	75.2	72.7
1993	75.3	67.9	73.8	72.5	72.0
1994	80.9	72.7	79.1	74.8	76.5
1995	79.5	70.3	79.2	75.1	75.8
1996	81.9	72.3	77.1	70.0	75.2
1997	79.5	70.8	75.5	69.9	73.9
1998	77.4	68.7	72.9	67.7	71.5
1999	77.0	67.7	75.0	68.7	72.1
2000	79.2	75.2	78.5	73.1	76.0
2001	80.7	70.7	70.3	57.2	69.2
2002	71.7	67.9	72.5	67.1	69.7
2003	74.4	67.1	77.4	71.3	72.6
2004	80.2	75.7	81.5	73.4	77.7
2005	83.8	78.4	84.8	77.2	81.1
2006	83.6	78.2	82.5	74.1	79.5
2007	77.5	72.0	78.6	72.0	75.0
2008	78.7	68.8	70.5	63.8	70.4
2009	66.7	63.7	67.3	63.5	64.8
2010	70.6	67.3	75.2	69.5	70.7
2011	76.6	68.6	76.1	71.9	73.2
2012	80.3	73.8	78.9	74.5	76.9
2013	82.0	74.2	77.8	72.3	76.5
2014	80.8	74.0	78.7	74.7	77.0
2015	80.0	77.7	79.4	77.8	78.7
2016	80.7	77.5	80.5	77.5	79.0
2017	81.4	79.4	81.4	78.6	80.2
2018	83.5	81.1	80.1	76.4	80.3
2019	80.5	80.3	82.8	79.6	80.8
2020	70.4	14.7	21.7	22.0	37.1
2021	32.2	63.1	70.2	62.4	57.5
2022 1/	70.3	75.1	77.4	71.3	73.6
2023 1/	75.2	74.5	(NA)	Year-to-Date	74.9

NA Not available.

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

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

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



E. CONSTRUCTION

The indicators of Hawaii's construction industry were mixed in the second quarter of 2023. Construction jobs and private building authorizations increased in the quarter, however, government contracts awarded and State government CIP expenditures decreased.

In the second quarter of 2023, the number of jobs in the construction sector increased by 0.3 percent or by 100 jobs compared with the same quarter of 2022. In 2022, the construction sector added 200 jobs or 0.5 percent (Table A-7) from the previous year.

In the second quarter of 2023, private building authorizations in the state increased \$311.8 million or 49.1 percent, compared with the second quarter of 2022 (Table E-8). In 2022, private building authorizations in the state decreased \$167.8 million or 4.5 percent compared with the previous year.

In the second quarter of 2023, private building authorizations in Honolulu increased \$152.9 million or 53.7 percent, compared with the second quarter of 2022 (Table E-8). In 2022, private building authorizations in Honolulu decreased \$243.9 million or 10.8 percent, compared with the previous year.

In the second quarter of 2023, private building authorizations in Hawaii County increased \$17.9 million or 7.6 percent, compared with the second quarter of 2022 (Table E-8). In 2022, private building authorizations in Hawaii County increased \$128.1 million or 17.6 percent, compared with the previous year.

In the second quarter of 2023, private building authorizations in Maui increased \$131.0 million or 155.3 percent, compared with the second quarter of 2022 (Table E-8). In 2022, private building authorizations in Maui decreased \$63.6 million or 10.0 percent compared with the previous year.

In the second quarter of 2023, private building authorizations (residential only) in Kauai increased \$10.0 million or 34.2 percent, compared with the second quarter of 2022 (Table E-8). In 2022, private building authorizations in Kauai County increased \$11.6 million or 8.9 percent compared with the previous year.

In the second quarter of 2023, government contracts awarded decreased \$2,336.6 million or 74.5 percent, compared with the second quarter of 2022 (Table E-1). In 2022, government contracts awarded increased \$3,125.7 million or 179.4 percent compared with the previous year. State government CIP expenditures decreased \$32.0 million or 9.1 percent in the second quarter of 2023 compared with the same quarter of 2022. In 2022, state government CIP expenditures declined \$21.4 million or 1.6 percent from the previous year (Table E-2).

The Honolulu Construction Cost Index for Single Family Residence (Table E-6) increased 3.4 percent in the first quarter of 2023 compared to the same quarter of 2022 and similarly increased 4.3 percent for High-Rise Building (Table E-7). In 2022, the index for Single Family Residence increased 6.2 percent and 6.1 percent for High-Rise Building as compared to the previous year.

Average home prices decreased by 8.2 percent in the second quarter of 2023, with single family home prices down by 14.4 percent and condo prices down by 1.4 percent over the same quarter of the previous year (Table E-9). The purchase of homes decreased by 32.8 percent for local buyers, declined 29.8 percent for mainland buyers, and decreased 32.4 percent for foreign buyers over the same quarter of the previous year (Table E-10).

In the second quarter of 2023, Honolulu's median price for single family resales was \$1,050,000, down \$73,500 or 6.5 percent over the same quarter of 2022 (Table E-11). The median price for condominium unit resales was \$500,000, down \$20,000 or 3.8 percent over the same quarter of 2022 (Table E-12). In the second quarter of 2023, the number of single-family unit resales decreased 80.5 percent, and the number of condominium unit resales decreased 78.9 percent, compared with the second quarter of 2022 (Tables E-13 and E-14). In 2022, the number of single-family unit resales decreased 23.2 percent, and condominium unit resales decreased 11.8 percent compared with the previous year.

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

Year	Contracting base 1/	tax	Private Building Authorization 4/				Government Contracts Awarded
			Total Private Authorizations	Residential 4/	Commercial & Industrial 2/	Additions & Alterations	
			In Millions of Dollars				
1982		1,294.9	683.1	299.2	242.9	141.1	391.6
1983		1,353.4	685.2	296.2	203.2	185.9	275.0
1984		1,242.9	581.5	327.7	104.0	149.9	388.7
1985		1,367.7	888.9	500.1	208.8	180.1	248.9
1986		1,808.0	1,025.2	455.5	267.4	302.3	422.7
1987		2,003.1	1,161.9	507.0	344.4	310.5	370.9
1988		2,487.6	1,546.5	689.2	541.2	316.1	665.0
1989		3,112.8	1,882.4	910.7	561.8	409.9	725.2
1990		4,003.7	2,101.8	852.3	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	375.0	490.2
1996		3,285.1	1,117.8	487.0	252.8	417.5	885.5
1997		2,844.4	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		5,589.8	1,980.3	779.0	377.5	823.8	1,057.6
2011 4/		5,837.4	1,858.8	887.9	285.9	884.9	940.7
2012 4/		7,006.1	2,643.8	837.2	271.1	1,535.5	772.9
2013 4/		7,330.0	2,730.5	1,025.0	296.5	1,399.0	1,194.2
2014 4/		7,024.0	3,315.1	1,857.9	498.5	1,830.6	1,096.6
2015 4/		8,112.2	3,963.6	1,851.3	702.9	1,809.4	1,544.6
2016 4/		8,288.2	3,240.6	1,448.0	211.0	1,581.7	1,673.3
2017 4/		8,384.4	3,127.8	1,504.7	395.9	1,227.3	1,191.6
2018 4/		9,455.6	3,268.3	1,395.8	402.2	1,470.3	1,948.5
2019 4/		9,609.3	3,221.4	1,211.6	352.7	1,657.1	593.8
2020 4/		9,757.2	3,108.5	1,145.0	476.6	1,484.9	2,090.8
2021 4/		10,108.4	3,747.1	1,994.8	428.2	1,326.2	1,741.8
2022 4/		10,787.1	3,579.3	1,760.0	407.2	1,412.2	4,867.5
1998 1 Qtr.							
2 Qtr.							
3 Qtr.							
4 Qtr.							
1999 1 Qtr.							
2 Qtr.							
3 Qtr.							
4 Qtr.							
2000 1 Qtr.							
2 Qtr.							
3 Qtr.							
4 Qtr.							
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4 Qtr.							

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 2020, the U.S. Navy awarded a \$990 million 5-year contract to 7 firms of which 2 were Hawaii firms. Hawaii as 100 percent place of performance (POP).

6/ In one U.S. Navy September contract

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

Year	Contracting base 1/	tax	Private Building Authorization 4/				Government
			Total Private Authorizations	Residential 4/	Commercial & Industrial 2/	Additions & Alterations	Contracts Awarded
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	68.8
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/		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	17.8	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	-11.7	-5.2	73.5	79.4
2013 4/		4.6	2.9	22.4	8.4	-8.9	54.5
2014 4/		4.2	21.9	3.8	68.1	30.8	-8.2
2015 4/		15.5	15.5	41.7	41.0	-12.1	41.8
2016 4/		-2.2	-18.2	-12.3	-77.0	-1.7	7.6
2017 4/		1.2	-3.5	3.9	87.6	-22.4	-28.8
2018 4/		12.8	4.5	4.5	1.6	19.8	63.5
2019 4/		1.6	-1.4	-13.2	-12.3	12.7	-69.5
2020 4/		1.5	-3.5	-3.5	35.7	-10.4	252.1
2021 4/		3.6	20.6	74.2	-11.0	-10.7	-16.7
2022 4/		6.7	-4.5	-11.8	-4.5	6.5	179.4
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
4 Qtr.		27.2	11.9	8.3	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	6.6	-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
2 Qtr.		11.6	3.2	18.2	-23.8	-9.5	-24.0
3 Qtr.		35.9	18.2	35.2	-31.0	7.7	126.1
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
2 Qtr.		11.2	64.0	43.8	161.6	61.9	-35.6
3 Qtr.		-2.8	6.7	-8.7	86.3	22.0	-10.7
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
2 Qtr.		-1.2	0.3	10.6	-47.3	39.4	835.0
3 Qtr.		14.1	12.5	-15.7	-17.0	25.3	-18.0
4 Qtr.		19.3	37.3	57.5	55.2	29.0	-9.4
2005 4/ 1 Qtr.		26.0	-9.5	-22.5	-54.7	81.6	-16.8
2 Qtr.		27.0	1.3	2.3	103.7	-23.4	-86.9
3 Qtr.		19.5	75.8	80.9	201.6	6.2	68.0
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
2 Qtr.		17.3	24.7	0.2	55.4	69.6	65.3
3 Qtr.		19.4	0.1	-30.4	-6.2	128.4	-29.8
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	-38.4
2 Qtr.		24.1	19.6	48.1	38.6	-34.4	82.1
3 Qtr.		0.2	-14.8	-10.5	-30.1	-11.6	15.7
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
2 Qtr.		-5.0	-3.4	-22.6	-30.5	93.8	-58.2
3 Qtr.		8.9	-23.0	-15.9	-8.3	-37.8	37.9
4 Qtr.		-2.3	-50.7	-54.6	-83.3	-4.7	133.4
2009 4/ 1 Qtr.		-5.6	-28.8	-21.8	-58.7	-22.8	-14.8
2 Qtr.		-12.7	-65.1	-49.9	-37.1	-45.5	46.5
3 Qtr.		-24.6	-19.0	-44.2	-57.3	46.2	-33.5
4 Qtr.		-23.3	0.1	2.8	99.3	-23.1	-33.7
2010 4/ 1 Qtr.		-19.8	-16.0	-14.8	36.0	-26.5	-50.3
2 Qtr.		-24.6	14.2	15.2	26.9	7.6	79.3
3 Qtr.		-5.8	-1.2	1.5	46.1	-12.0	50.8
4 Qtr.		-11.7	1.9	3.7	26.6	-4.0	48.7
2011 4/ 1 Qtr.		-3.1	-16.4	-37.7	-9.5	11.5	-9.2
2 Qtr.		10.9	-18.4	-3.5	-61.8	-7.1	-82.2
3 Qtr.		-1.3	-2.7	5.3	-4.8	-7.7	-64.7
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
2 Qtr.		16.4	47.7	38.2	7.2	7.2	64.6
3 Qtr.		26.6	27.7	-3.1	-5.6	63.8	159.6
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
2 Qtr.		15.1	10.3	10.6	187.8	7.1	32.2
3 Qtr.		-0.7	0.3	58.6	-63.7	-16.3	48.9
4 Qtr.		-10.7	-8.5	-4.1	-8.2	-8.8	16.0
2014 4/ 1 Qtr.		-6.2	20.6	-47.9	102.3	75.0	-31.9
2 Qtr.		-8.7	12.9	58.1	-44.6	12.0	-21.5
3 Qtr.		-9.7	14.7	-27.4	165.5	41.3	-18.0
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
2 Qtr.		12.9	4.2	35.1	41.2	-25.3	133.7
3 Qtr.		32.8	43.0	46.8	50.3	-8.8	23.4
4 Qtr.		13.2	-2.8	39.6	-62.1	2.2	-36.5
2016 4/ 1 Qtr.		-3.1	-68.0	-53.8	-42.1	-32.3	-22.2
2 Qtr.		6.4	14.3	4.1	-33.7	45.0	-51.7
3 Qtr.		-0.7	-0.3	26.9	-64.6	-5.0	87.5
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
2 Qtr.		-13.9	-14.5	-16.3	73.8	-27.4	-28.2
3 Qtr.		0.4	-18.8	-12.9	117.5	-37.5	-29.4
4 Qtr.		-1.9	-21.4	-27.9	17.8	-21.8	-42.0
2018 4/ 1 Qtr.		1.5	-23.9	-24.6	-25.0	-22.3	149.1
2 Qtr.		27.2	35.0	9.1	40.9	60.9	153.3
3 Qtr.		14.3	2.9	-2.3	-17.6	16.9	-38.8
4 Qtr.		10.4	7.8	-9.0	-9.1	20.6	335.2
2019 4/ 1 Qtr.		6.7	8.7	-19.0	-39.3	67.8	-70.7
2 Qtr.		4.5	-27.0	-17.5	-64.1	-21.1	-78.4
3 Qtr.		-3.0	7.5	-27.0	27.9	43.8	-58.0
4 Qtr.		-0.9	19.0	21.7	112.5	0.3	-66.2
2020 4/ 5/1 Qtr.		5.0	5.1	-26.2	160.9	7.6	125.9
2 Qtr.		-7.7	-14.3	-3.9	101.2	-40.7	351.2
3 Qtr.		8.3	5.6	11.3	44.4	-5.8	61.0
4 Qtr.		0.6	-7.7	-9.9	-37.1	-1.8	521.3
2021 4/ 1 Qtr.		-5.2	2.3	33.5	-2.9	-12.7	40.1
2 Qtr.		17.8	94.2	163.4	-23.9	71.2	-52.8
3 Qtr.		-2.5	11.2	79.4	-0.4	-34.0	9.2
4 Qtr.		6.1	-16.0	-17.4	-36.3	-36.4	-22.4
2022 4/ 1 Qtr.		9.4	8.2	57.3	-15.3	-24.1	-55.3
2 Qtr.		0.0	-52.8	-65.6	-17.4	-36.7	1,041.1
3 Qtr.		8.0	8.0	-16.5	4.5	32.3	249.0
4 Qtr.		10.0	95.6	111.3	13.8	100.1	-24.3
2023 4/ 10/1 Qtr.		4.5	-8.0	-28.5	3.9	19.0	1,342.5
2 Qtr.		(NA)	(NA)	41.6	1.4	71.8	-74.5

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 2020, the U.S. Navy awarded a \$990 million 5-year contract to 7 firms of which 2 were Hawaii firms. Hawaii as 100 percent place of performance (POP).
6/ In one U.S. Navy September contract, Hawaii was designated POP for 40 percent or \$200 million and the remainder as other NAVFAC Pacific.
7/ In one U.S. Navy November contract Hawaii was designated POP for 40 percent or \$3.2 billion and the remainder as Washington (state).
8/ In one U.S. Navy June \$990M contract, Hawaii was designated POP for 95 percent or \$94.3 M and the remainder as Wake Island.
9/ In one U.S. Navy August \$32.4 M contract awarded to a Hawaii firm, but Hawaii was not designated as POP.
10/ In one U.S. Navy March contract, Hawaii was designated POP for 100% of \$2.8B. task order for Nov. 2021 indefinite-delivery/indefinite-quantity multiple-award.
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 increased by 24.4 percent or by 53 cases for the second quarter of 2023, from the same quarter of 2022. In 2022, total filings declined 20.2 percent or 245 cases from the same period of the previous year.

The number of Chapter 7 filings, the largest category, increased by 10.2 percent or by 15 cases in the second quarter of 2023. Chapter 7 filings are intended to liquidate assets and discharge debt. In 2022, Chapter 7 filings decreased 28.2 percent or 246 cases from the same period of the previous year.

Chapter 11 filings increased from 0 cases in the second quarter of 2022 to 3 cases in the second quarter of 2023. In 2022, Chapter 11

filings increased to 14 cases from 9 cases in the same period of the previous year. Chapter 11 filings involve the structuring of repayment plans for companies.

Chapter 13 filings increased by 50.0 percent or 35 cases in the second quarter of 2023, from the same quarter of 2022. In 2022, Chapter 13 filings declined 1.2 percent or 4 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/bkprctystats/statistics.htm>.

For District of Hawaii monthly statistics, see:
<https://www.hib.uscourts.gov/bankruptcy-statistics>.

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

